CA PPM 15.5 | Resolved Defects

"Over 350 fixes and enhancements for new and upgrading customers."

The following customer-reported issues were corrected in the following releases:
(183 fixes) March 9, 2018: **CA PPM 15.4.0 Major Release**
(90 fixes) June 4, 2018: **CA PPM 15.4.1 Service Pack**
(83 fixes) September 10, 2018: **CA PPM 15.5.0 Major Release**

Note: All defects resolved in the 15.4.0.1 maintenance patch released on May 23 are also included in the 15.4.1 service pack.
See https://docops.ca.com/x/Z908Gw.

DE35699
Major Problem
Fixed in 15.5.0.0

PPMOP_15.2_DEFECT - When a new phase is created in OWB, existing tasks are getting auto populated under the same

When a new phase is created in OWB, existing tasks are getting auto populated under the same. While the existing phases are collapsed in OWB, new phase, once created, are getting populated with existing tasks.

STEPS TO REPRODUCE:

1. Run Open Workbench.
2. Input the login credential so that it gets connected to a PPM instance.
3. Go to File --> New so that a new tab opens for a new project.
4. By default, it would be the Gantt Chart view that will open.
5. Click on the first row of the Name column (the row will be numbered as 1), and type a name of the task called "Task 1".
6. Hit Enter and that will take the cursor to the next row.
7. Create another couple of tasks in the same way and name them as "Task 2" and "Task 3" respectively.
8. Right click on the row of the first task "Task 1".
9. Select modify and change the type to "Phase" from "Task". Click OK.
10. Task 2 and Task 3 will come under Task 1 immediately and Task 1 will have a (-) sign indicating that it can be collapsed.
11. Click on the (-) icon to collapse and now only "Task 1" phase is visible.
12. Create a new task called "Task 4" in the next row.
13. Now, just step #, change the type to "Phase" and click OK.

Expected results: The task will be converted to a phase without any child tasks under the same.
Actual results: The task will be converted to phase and earlier tasks automatically comes under the same.

DE36872
Minor Problem
Fixed in 15.5.0.0

Translations lost on numeric attributes that are part of a query when setting display mappings

Translations are lost on numeric attributes that are part of a query when setting display mappings. Translations can be lost without the user realizing it and affect tooltips .... this would then require manual work to reset it correctly with the risk of having the translations lost again and again if users with studio rights are not careful.

STEPS TO REPRODUCE:

1. Go to Administration > Studio > Objects
2. Filter by the project object and go to the attributes list
3. Create a numeric attribute called MyNumber
4. On the Display mappings section, create one row with color, description and a range value
5. Once row is created, click on the translate icon and make a change anywhere and save
6. Back on the attributes properties page, click save
7. Click on the translation icon and open it again. Notice that the translation changes done previously are still there.
8. Go to Administration > Studio > Queries
9. Find the Issues Listing query (cop.prjCurrentIssuesLinkable) and go to the Attributes tab.
10. Edit the Priority attribute
11. On the Display mappings section, click on the Translate icon of any of the rows present
12. Notice the translation and description strings are properly set
13. Back on the attribute properties tab, click on the save button
14. Reopen the Translate icon of the same row

Expected result: Translations to remain appropriately for the attribute display mappings.
Actual result: Translations are lost completely due to the save action at query attribute level.

DE38091
Minor Problem
Fixed in 15.5.0.0

MSP New Driver: Actual Work on the Time Scale shows a 0 for a Period when All Timesheets are in Open Status

Actual Work on the Time Scale shows a 0 when all timesheets for this week are in Open status and Time Reporting periods start on a Monday

STEPS TO REPRODUCE:

1. Create Weekly Time Reporting Periods starting on Mondays
2. Create two projects
3. Staff Res1 on Proj1 and Proj2
4. Create a task on each project and assign Res1 to each task
5. Post a timesheet for the week of 12/4 for Proj1
6. Export Proj2 to MSP

Expected Results: The Actual Work column to be blank for all periods after the week of 12/4
Actual Results: The Actual Work column shows as 0 for the week of 12/11

DE38175
Minor Problem
Fixed in 15.5.0.0

New UX Detailed Timesheets do not display all data for Submitted Timesheets

Resource Manager accessing the 'Review and Approve' tab of the New Timesheet UX are not able to see entire listing on the Timesheet Details page when reviewing submitted timesheets and listing is over 12 rows. It displays up to the 11th item. Resource Manager needs to check details of Timesheet entries before approving.

STEPS TO REPRODUCE:

1. Submit PPM Timesheet for a labor resource by adding 12 or more tasks.
2. Login to New Timesheet UX as the Resource Manager (RM) for the resource who submitted Timesheet in step one above and navigate to 'Review and Approve' page.
3. Click on the name of the resource to open a Timesheet pop up window. Here all the listing of Submitted Timesheets are displayed.
4. Now click on the 'Detailed Timesheet' button to review details all timesheet data entered.

Expected Results: The listing of all the submited Timesheet in step one to be displayed
Actual Results: The listing on Detailed Timesheet page displays only the first eleven items of submited Timesheets.

WORKAROUND: The pop-over is too big and it appears that not all the data is there. (The scroll bar is missing.) If you use the browser ZOOM controls you can see all rows at 75% zoom on a windows system with screen resolution set to 1920 x 1080.

DE38454
Major Problem
Fixed in 15.5.0.0

Baseline Variance Calculation Issue

Per documentation, Baseline Usage = Actuals + ETC at the moment of capture. Total Effort = Actuals + ETC Baseline Variance = Baseline Usage - Total Effort We pull in Baseline Variance, Actuals, ETC and Baseline Usage in Project>>Team>>Detail>>Allocation By Period. The Actuals and Baseline Usage are being summed instead of subtracted to compute the Baseline Variance.

Baseline Variance should equal Baseline usage - Total Effort. Currently is it adding instead of subtracting.

STEPS TO REPRODUCE:

1. Create a project, add a resource to the team and assign them a task and add 12 ETC for next week
2. Create a Baseline on the Project (this makes the Baseline Usage = 12hrs)
3. Go to Project>>Team>>Detail
4. Configure to show ETC, Baseline Usage and Baseline Variance in the Allocation By Period field.
   a. Go to Configure>>List Column Section>>Fields
   b. Select 'Allocation By Period' Properties
   c. Under Value Attributes add ETC, Baseline Usage and Baseline Variance to the Select Column.
5. Save and Return until you get back to the Team tab.

Expected Results: Baseline Usage = 12; ETC = 12; Baseline Variance should be zero (0).
Actual Results: Baseline Variance is 24

DE38710
Cosmetic
Fixed in 15.5.0.0

User License Switches to *Restricted* for Ideas When We Start an Idea Process (Idea License Should Be *View-Only*)

Viewers are a license type used to work with demand management, for example, to create an idea instance, create idea sub-object instances, and execute process related to ideas. During a recent implementation, we defined all the process using actions inside ideas to advance the process, because it is a better and more user-friendly approach. "Process-AutoStart" and "Process-AutoStart-All" rights uses a view license type, but "Process-Start" and "Process-Start-All" rights use a restricted license type. So, a viewer user can auto-start a process, but cannot manually (by demand) start a process related to an idea or its sub-objects. This reveals an inconsistency in the rights by license type portlet, where the use of a restricted license is required to work with demand management. Please clarify if this is a license bug. Idea investment was created in order to work with *view only* licenses, so we considered that it should be allowed to trigger processes manually. We try to add instance permission to start an idea process and the user changes from *view only* to *restricted*.

DE38782
Major Problem
Fixed in 15.5.0.0

SaaS Jobs Stop Running

This issue might be related to the introduction of a new system job to validate query processing. If SQL ID is repeated more than 200 times, the queries are terminated; however, this might cause connection drops.

STEPS TO REPRODUCE:

No cause rooted in the user interface. In our observations, while running the Update Aggregated Data job, the connection was interrupted.

Expected Results: Queries need to be optimized or DB configuration review needs to occur.
Actual Results: Database connection is getting dropped causing lock in the prlock table which in turn prevents any jobs from running.

DE39250
Minor Problem
Fixed in 15.5.0.0

Discrepancy Between Demand Figures on Waterline, Investment Role Demand page, and Role Capacity and Demand Portlet on Portfolio Capacity Tab

There is discrepancy between Demand figures on Waterline => Investment- Role Demand page and 'Role Capacity and Demand' portlet in Portfolio => Capacity tab when a value is modified to zero.

STEPS TO REPRODUCE:

1. Create a project with start / finish date: 1 Jan 2018 - 31 Dec 2018
2. Allocate to roles to the project. Role 1 and Role 2 (Ensure Team object Default Allocation is set to zero)
3. Set Default Allocation % for Role 1 as 0
4. Set Default Allocation % for Role 1 as 1
5. Create a 20% Allocation segment for Role 1 for period 1 Feb 2018 - 31 Mar 2018 and on Project =>Team Detail page enter 28 hours for the month of February and 30 hours for the month of March.
6. Create a Portfolio using 'PMO-Portfolio Investment Dashboard' view with duration: 1 Jan 2018 - 31 Dec 2018 and add the Project created in step 1 to it
7. Click on the 'Targets' tab and add the two roles allocated to the Project in step 2. Enter a value of 2088 on 'Target' and 'Distributed Target (Total) fields for Role 1 and Role 2 so that total is 4176.
8. Create a Plan with duration: 1 Jan 2018 - 31 Dec 2018.
9. Click on 'Waterlines' tab to open page and click on Options => Configure link. Select Role 1 & 2 into 'Selected Columns' and click on 'Save and Return button' so the the two Roles display on the Waterlines page.
10. On the Waterlines page, select the 'Plan' created in step 8 from the Plan dropdown and then click to open the Project listed under the Investment label.
11. Click on 'Role Demand' tab to display 'Demand' data in the 'Amount By Period' section. Here you find that for Role 1, Feb 2018 has 28 hours and March has 30. Alter this to zero for both months. Enter 20 hours for the month of Feb 2018 for Role 2 and click on 'Save' button.
12. Now, Navigate to 'Capacity' tab in portfolio to open the page (still with Plan created in step 8 selected on page) and view 'Demand' data on On the 'Role Capacity and Demand' portlet.

Expected Results: Demand for Role 1 for the Months of February and March 2018 to display zero.
Actual Results: Demand for Role 1 for the Months of February and March 2018 still display 28 for Feb 2018 and 30 for March 2018 in the 'Amount By Period' section even though 'Role Demand' Field for Role 1 is showing zero.

DE39342
Major Problem
Fixed in 15.5.0.0

Task processes cause ConcurrentModificationException in pipeline threads during process engine startup

When starting the process engine with multiple task-level or other investment subobject-level process instances waiting in a pipeline thread like post conditions, the process engine might throw exceptions on startup such as ConcurrentModificationException, and might fail to load steps or take various actions.

STEPS TO REPRODUCE:
1. Create and start task processes (10+) and have them wait in post-condition for a data or action change to proceed further
2. Restart the bg several times.
3. Check the logs each time to see if exceptions occur before "Event registration has completed. The Event Manager started successfully" appears.

---Alternative Steps (with experience this can cause the problem to occur almost every single time the bg is started)---
SOME OF THE FOLLOWING STEPS HAVE CONDITIONAL ACTIONS TO FOLLOW THAT ARE TIME CRITICAL or timing sensitive because of how jdb works. Organically (using the 3 steps above) it usually affects all post-condition pipeline threads at once; however, synthetically, using the following steps, it may only affect 1 or 2 threads but sometimes still all. Breakpoints are version sensitive. The breakpoints are valid for PPM 15.3, for other versions it needs to be verified if the 'lines' have moved in the file due to other edits.
1. Create and start task processes (10+) and have them wait in post-condition for a data or action change to proceed further
2. Restart bg in debug mode (note: sometimes connecting via debug too early kills the startup from proceeding):servicebgcmd-debug.exe
3. Keep a copy of these handy as you'll need to swiftly paste 3 lines at a time into the command prompt window (if you have QuickEdit enabled in Command Prompt properties that simplifies things).stop at com.niku.odf.object.ODFAbstractObjectImpl:893stop at com.niku.odf.object.ODFAbstractObjectImpl:906stop at com.niku.odf.data.DefaultDataService:190clear com.niku.odf.object.ODFAbstractObjectImpl:893clear com.niku.odf.object.ODFAbstractObjectImpl:906clear com.niku.odf.data.DefaultDataService:190
4. Connect using JDB, supplying appropriate parameters for your system:jdb -connect com.sun.jdi.SocketAttach:hostname=localhost,port=5005
5. Set the first 3 'stop at' breakpoints and then follow these rules when they start to be hit:
    - When Event registration thread stops at :893, resume it (using 'resume')
    - When Event registration hits :906 1+ times with resumes, then permit post condition threads to also resume from :893 until :190, and then advance to :192 (using 'next')
    - You may need to next/step/resume several times in this process, and it could take ~1-5 minutes for all threads to carry out their activities.
    - With everything executing parallel and at different speeds and orders on different systems, exact prediction is difficult to determine (this is pretty close, all things considered!)
    - Once Event registration has a few or more passes through :906 AND a post condition thread (or more) has reached :192, clear breakpoints and resume all threads.
    - Keep a watch on the window after clearing breakpoints and resuming, as you may have to resume all threads more than once as some are still stepping when the first resume(s) are issued.
6. Check the logs for what happens after event registration is supposed to complete.

Expected results: Process engine reaches event registration successful message in the logs without incident.
Actual results: Problems in the logs now repeat on every message exception interval thread wakeup (e.g. 5 minutes), spams some more, then sleeps and repeats. Process engine is non-functioning (at least not correctly now) until it is restarted, and you hope it does not recur again the next time.

DE39514
Minor Problem
Fixed in 15.5.0.0

In Requisitions for Resources With Allocation in Two Segments Where One is Zero (not null), Booking Status becomes *Mixed*

A team member has a planned allocation with two segments, one of this segment is zero (not null). If a resource requisition is created for this resource and book it, the booking status is mixed, because the planned allocation segment with zero is not used for hard allocation and results in a difference between planned and hard allocations. A similar defect, CLRT-74688, was closed as fixed in 14.1, but appears to be reproducible again in 15.3.

STEPS TO REPRODUCE:

1. Create a Project
2. Set the Project start date= 1st Jan 2015 and end date=28th Feb 2015
3. Add a Team member in the Team Staff page.
4. The resource is allocated for 2 months
5. In the Staff Member properties page, Set default allocation=0%
6. Set 2 allocation segments for each month: 1st month=100%, 2nd Month=0%
7. Create requisition for that resource
8. Open requisition and Book that requisition
9. Open Staff Member Properties to verify Planned and Hard Allocations

Expected result: Team Member has booking status "HARD" and Request Status "Booked"
Actual result: Team Member has a booking status "MIXED" because the zero planned allocation segment is not used for hard allocation

DE39565
Minor Problem
Fixed in 15.5.0.0

Czech language character č not displayed when Project Status Report List is exported to PDF

Czech language character "č" does not get displayed when out of box report 'Project Status Report List' is exported to PDF. In Jaspersoft, the report displays correctly but as soon as you export to PDF these Czech character disappear in the PDF output.

STEPS TO REPRODUCE:

1. In CA PPM create projects with names containing the character "č"
2. Run the Load Data Warehouse job.
3. Once the Load Data Warehouse job completes, run the 'Project Status Report List' in the Advance Reporting section. Output is OK.
4. Now export the report output to PDF

Expected Results: The PDF output displays fine just like it is displayed in Jaspersoft report
Actual Results: The PDF output does not display all the "č" Czech characters

DE39650
Minor Problem
Fixed in 15.5.0.0

Load Data Warehouse - Full fails with ORA-00955: name is already used by an existing object

Load Data Warehouse - Full fails with ORA-00955: name is already used by an existing object

STEPS TO REPRODUCE:

Run a Full Load of Load Data Warehouse job

Expected results: The job to run successfully
Actual Results: Full Load fails with the following error:

```
ERROR Executing ETL Job. NJS-0401: Execution of job failed. Oracle? - An error occurred executing this job entry : Couldn't execute SQL: BEGIN
EXECUTE IMMEDIATE 'TRUNCATE TABLE DWH_CMN_ERROR_MESSAGE'; DWH_CFG_PRE_CONFIG_SP( P_DBLINK => 'PPMDBLINK', P_FULL_RELOAD => 'Y' ); END; [CA
Clarity][Oracle JDBC Driver][Oracle]ORA-00955: name is already used by an existing object ORA-06512: at "PPM_DWH.DWH_CFG_PRE_CONFIG_SP", line
42 ORA-06512: at line 3
```

DE39656
Minor Problem
Fixed in 15.5.0.0

DWH Trend Jobs Fail if there is a non-numeric character in the Period Name of an Annual Fiscal Period

DWH trend jobs fail if there is a non-numeric character in the Period Name of an annual fiscal period.

STEPS TO REPRODUCE:
1. On the entity used by the DWH, create an Annual Fiscal Period containing a non-numeric character in the period name (Example: FY18)
2. Run the Load Data Warehouse Job - Full Load, and wait for it to complete
3. Run any of the 3 Data Warehouse Trend jobs

Expected Results: The trend job completes successfully
Actual Results: The trend job fails with the below error in the bg-dwh logs:

```
2018/03/08 11:08:44 - MSSQL? - ERROR (version 5.0.2, build 1 from 2013-12-04_15-52-25 by buildguy) : An error occurred executing this job entry :
2018/03/08 11:08:44 - MSSQL? - Couldn't execute SQL: BEGIN
2018/03/08 11:08:44 - MSSQL? - CMN_SAVEDROP_CREATE_INDEXES_SP('DWH_TRD_SUM_TREND_BY_PER_MV','SAVE_DROP');
2018/03/08 11:08:44 - MSSQL? - DBMS_SNAPSHOT.REFRESH('DWH_TRD_SUM_TREND_BY_PER_MV');
2018/03/08 11:08:44 - MSSQL? - CMN_SAVEDROP_CREATE_INDEXES_SP('DWH_TRD_SUM_TREND_BY_PER_MV','CREATE');
2018/03/08 11:08:44 - MSSQL? - CMN_GATHER_TABLE_STATS_SP('DWH_TRD_SUM_TREND_BY_PER_MV',100);
2018/03/08 11:08:44 - MSSQL? - 2018/03/08 11:08:44 - MSSQL? - CMN_SAVEDROP_CREATE_INDEXES_SP('DWH_TRD_PER_TREND_BY_M_MV','SAVE_DROP');
2018/03/08 11:08:44 - MSSQL? - DBMS_SNAPSHOT.REFRESH('DWH_TRD_PER_TREND_BY_M_MV');
2018/03/08 11:08:44 - MSSQL? - CMN_SAVEDROP_CREATE_INDEXES_SP('DWH_TRD_PER_TREND_BY_M_MV','CREATE');
2018/03/08 11:08:44 - MSSQL? - CMN_GATHER_TABLE_STATS_SP('DWH_TRD_PER_TREND_BY_M_MV',100);
2018/03/08 11:08:44 - MSSQL? - CMN_SAVEDROP_CREATE_INDEXES_SP('DWH_TRD_PER_TREND_BY_F_MV','SAVE_DROP');
2018/03/08 11:08:44 - MSSQL? - DBMS_SNAPSHOT.REFRESH('DWH_TRD_PER_TREND_BY_F_MV');2018/03/08 11:08:44 - MSSQL? - CMN_SAVEDROP_CREATE_INDEXES_SP('DWH_TRD_PER_TREND_BY_F_MV','CREATE');
2018/03/08 11:08:44 - MSSQL? - CMN_GATHER_TABLE_STATS_SP('DWH_TRD_PER_TREND_BY_F_MV',100);2018/03/08 11:08:44 - MSSQL? -
2018/03/08 11:08:44 - MSSQL? - CMN_SAVEDROP_CREATE_INDEXES_SP('DWH_TRD_PER_TREND_BY_W_MV','SAVE_DROP');
2018/03/08 11:08:44 - MSSQL? - DBMS_SNAPSHOT.REFRESH('DWH_TRD_PER_TREND_BY_W_MV');
2018/03/08 11:08:44 - MSSQL? - CMN_SAVEDROP_CREATE_INDEXES_SP('DWH_TRD_PER_TREND_BY_W_MV','CREATE');
2018/03/08 11:08:44 - MSSQL? - CMN_GATHER_TABLE_STATS_SP('DWH_TRD_PER_TREND_BY_W_MV',100);
2018/03/08 11:08:44 - MSSQL? - END;2018/03/08 11:08:44 - MSSQL? -
2018/03/08 11:08:44 - MSSQL? - [CA Clarity][Oracle JDBC Driver][Oracle]ORA-12008: error in materialized view or zonemap refresh path
```

NOTE: The materialized view that the error is on is the DWH_TRD_SUM_TREND_BY_PER_MV view. If the query in the view is run on any query tool, the query itself will throw the following error (only when a the annual fiscal period name contains a non-numeric character): ORA-01722: invalid number01722. 00000 - "invalid number"*Cause: The specified number was invalid.*Action: Specify a valid number.This is due to specifically to the following join: t1.trend_year = pc_ln.year_name

WORKAROUND: Edit the period name on the annual fiscal time periods to only contain numbers. This has to be done by clicking on the Translate icon due to avoid the "New periods must not create a gap with the existing periods" error that will be thrown if attempting to change the period name from the list page. This issue with renaming the period names is caused by DE36786.

DE39841
Minor Problem
Fixed in 15.5.0.0

Action Item Status updates are not consistent

There are inconsistences on the updating Status for an Action Items created from the Risk within the project.

STEPS TO REPRODUCE:

1. Login to CA PPM and navigate to Home->Projects
2. Open a project and click on Risks/Issues/Changes tab
3. Create a Risk
4. Click on Associated Action Items tab
5. Create an Action Item and assign to another user, click Save and Return
6. Notice you are UNABLE to update Status for an Action Item as you are not an Assignee
7. Navigate to Home->Organizer and click on Action Items tab, notice you are ABLE to change status to the same Action Item you could not when you were in the Risks.
8. Note that when you click on the Action Item details you are able to change status when using "Set Status for All Assignees" and clicking Apply but when you change the status in the List and click on Save you get an error below:ERROR CAL-06038: You do not have necessary rights to view this action item.

Expected Results: Action Item behavior should be consistent across the application
Actual Results: You are able to change the status of Action Item in the Organizer list but not in the Risks

DE39869
Minor Problem
Fixed in 15.5.0.0

Time-Varying Date Constraints on Custom Attributes Don't Work as Expected

Time-Varying Date Constraints on Custom Attributes Don't Work as Expected

STEPS TO REPRODUCE SCENARIO 1:
1. Create an attribute on the Team object with the following properties:
    Data Type: Time-varying
    Time-varying Type: Calendared
    Time-varying Data Units: Number
    Time-varying unit conversion: Seconds
    Time-varying Date Constraints: - Start On: Investment Start Date- Finish On: Investment Finish Date
2. Create a project with dates of 3/1/2018- 7/31/2018
3. Add a team member
4. Go to the Team - Detail page
5. Configure the view to show ONLY the attribute from Step1 on the Time Scale in Months
6. Attempt to enter a value for the custom field on the first month, March since the project start date is 3/1/2018

Expected Results: The user is able to custom field for the month of March 2018 since it meets the date constraint on the attribute
Actual Results: The user is not to edit the custom field for the month of March 2018

STEPS TO REPRODUCE SCENARIO 2:
1. Create an attribute on the Team object with the following properties:
    Data Type: Time-varying
    Time-varying Type: Calendared
    Time-varying Data Units: Number
    Time-varying unit conversion: Seconds
    Time-varying Date Constraints: - Start On: Investment Start Date- Finish On: Investment Finish Date
2. Create a project with dates of 3/1/2018- 7/31/2018
3. Add a team member
4. Go to the Team - Detail page
5. Configure the view to show the attribute from Step 1 on the Time Scale in Months, ALONG WITH any other out of the box attribute, such as Allocation
6. Attempt to enter a value for the custom field on a month outside the project duration

Expected Results: The custom field cannot be edited prior to March 2018 or after July 2018
Actual Results: The custom field can be edited in any month, including months outside of the project duration

Workaround: Set the project start date earlier than it should be. If the project start date is Feb 1, 2018, then you can edit the custom attribute in March.

DE39885
Major Problem
Fixed in 15.5.0.0

User not able to edit timesheet notes if Re-XOG as PPM Admin

Timesheet NOTES cannot be edited as the resource who created it once the Timesheet is XOGGED in as PPM Administrator

STEPS TO REPRODUCE:

1) Login as to New UX Timesheet
2) Submit a Timesheet for current timeperiod with a commend as
3) Read the submitted Timesheet for using XOG 'prj_timeperiods_read.xml'
4) And then XOG back the Timesheet output file for as PPM Administrator, with
5) Log in to New UX and open the Timesheet which was XOGGED in for

Expected Result: Notes entered by should be editable by him
Actual Result: Notes entered by is now no longer editable as the Notes owner is now PPM Administrator who XOGGED in.

DE39930
Cosmetic
Fixed in 15.5.0.0

Default value of the Relative Date type parameters gets changed once the user misses filling a mandatory field

Default value of the Relative Date type parameters gets changed once the user misses filling a mandatory field. Users have to fill the parameter(s) again as the default value is not saved and also changed.

STEPS TO REPRODUCE:

1. Login CA PPM as an Admin user.
2. Go to Home --> Reports and Jobs.
3. Under the Reports tab, search for Report Type = Resource Availability.
4. Click on the result to see the Report properties page.
5. Check that, for the "Start Date" parameter, Relative Date radio button is already selected as the default option, with the value "Start of Current Month". Remaining mandatory fields (marked with a Red Star) are all filled up.
6. Select the "period type" parameter and set the value to [--Select--], that is blank.
7. Click on Submit.

(The report gives the ERROR "NJS-0119: At least one parameter is invalid. Check the parameters and submit again" which is expected as one of the required fields was left blank.)

Expected Results: All the other Parameters should retain their default values as there was no change made to them.
Actual Results: Start Date parameter is now having the "Specific Date" option with a blank value. Although the default value is set to Relative Date type and "Start of the current month", the value still gets changed after the user gets the error mention in the last step.

See also Knowledge Article: KB000105297

DE39970
Major Problem
Fixed in 15.5.0.0

Update Earned Value and Cost Totals job should be incompatible with itself, or else it's leading to duplicates in PRJ_EV_HISTORY

Update Earned Value and Cost Totals job should be incompatible with itself, leading to duplicates in PRJ_EV_HISTORY. This is a rare bug, previously reported as CLRT-81461 and DE30220.

STEPS TO REPRODUCE:

1. Run two jobs at once, inadvertently.
OR
2. Someone else updates the same project (creating Baseline or Update the Cost).

Expected Results: No Duplicates in PRJ_EV_HISTORY
Actual Results: Duplicates in PRJ_EV_HISTORY

Workaround: Set the jobs as incompatible; this fixed the problem.

DE40098
Minor Problem
Fixed in 15.5.0.0

Ad Hoc Views - Seeing duplicate attributes

Seeing some fields twice in Ad Hoc Views. Ad hoc view is being created using the OOTB Project Domain. Fields with a lookup – string or MVL – string data type

STEPS TO REPRODUCE:

1. Create Lookup - Static List (manual) called 'test' and add a few values
2. On investment object add attribute (data type: Lookup - String) called 'testlookupfield' and select the Lookup 'test' in step 1
3. Include in DWH (check to include in DWH)
4. Add field to Project Object - Project Properties: Layout: Edit to the Project Summay subpage
5. Go to project and add data to the lookup field
6. Run DWH full
7. In Advanced Reporting go to New Ad Hoc view
8. Select Project Management Domain add Source 'Projects'In New Ad Hoc View search on the field 'testlookupfield'

Expected Results: In Ad Hoc Views see only one 'testlookupfield' show up under 'Projects'
Actual Results: The duplicate attribute 'testlookupfield' is showing

DE40169
Minor Problem
Fixed in 15.5.0.0

Forecasted Cost in the DWH is incorrect FCST_COST field in the DWH_INV_SUMMARY_FACTS Unplanned Lines

DWH_INV_SUMMARY_FACTS.FCST_COST still does not take into consideration Unplanned Lines for past periods.
See also DE33066 and DE36585.

Steps to Reproduce:

1. Create a cost plan with planned lines. Make sure you have some periods in the past. Group by resource and transaction class then use a different transaction class on one transaction to make the unplanned line.
2. Post transactions
   a) One to match the planned lines
   b) One to a different value (transclass) so you get an unplanned line.
3. Run Load DWH (full)
4. Check dwh_inv_summary_facts
5. Check field FCST_COST

Expected Result: FCST_COST should include all actual costs for past periods plus planned for current month and future
Actual Result: FCST_COST does not include actual costs in past periods for Unplanned Lines.See screenshot

DE40259
Major Problem
Fixed in 15.5.0.0

Portfolio Sync Job very slow

Portfolio Synch Job very slow. Observed on CA PPM SaaS with one portfolio and 4 investments taking 8-10 minutes. After restoring the same database, the same portfolio sync job took just 21 seconds. (Verified sync time by querying the database.)

STEPS TO REPRODUCE:

Unable to reproduce.

Expected Results: Small Sync job should run a lot faster
Actual Results: Small sync jobs taking 8-10 minutes.

DE40397
Cosmetic
Fixed in 15.5.0.0

Notification Link to the Idea Property Page page does not work

When attempting to have a process send a notification which includes a link to the properties page of an idea, the email notification body has a string of numbers, and does not contain the content its supposed to based on the notification template - if the link is changed to another type of link - meaning not a properties page, then it works properly.

See also DE32854.

STEPS TO REPRODUCE:

1. Create a new process that just has a start and end step.
2. Select "idea" as the object
3. Set start options to Start Event = Create
- ensure that the start step has "Finish" in the "Then Go To" section of the post conditions
- set the Send Notification box for "When step is started"
- select a resource to notify which you have set your own CA email address on
- under the notifications tab, edit the "Process - Started process step" notification template, and in the notification body, click the search button, change to the "links" tab, and select the "Link to the Idea Properties Page", and click Add
- You should see this in the notification body: @[:pma.ideaProperties!:Click Here]
- Save, then validate and activate the process
- create a new idea and submit it for approval

Expected: Notification content aligns with the template.
Actual: You get the notification email with a string in the body similar to this:
------=_Part_0_633185634.1523551315242--

DE40398

Minor Problem

Fixed in 15.5.0.0

Parameterized lookups using a multi-valued lookup attribute not working in 15.3

Dependent Lookup Type 'Multi Valued Lookup' doesn't work when there is any attribute in the instance that is locked.

STEPS TO REPRODUCE:
1. Create Custom Lookup: Name=Change Gates ID=tds_change_gates Static List Hidden Key=LOOKUP_CODE
Display Attribute=NAME and then Enter Values/ID aaa1/aaa bbb1/bbb
2. Create Custom Object (Master): Name=Change Gate Deliverables ID=tds_change_gate_del
2.1. Create Attribute: Name=Change Gate ID=tds_change_gate Type Lookup. Uses lookup: Change Gates (ID=tds_change_gates)
and Add the attribute to the Create Layout and Edit Layout Views
2.2. Create Instances of the Object: Go to the Change Gate Deliverables List Click on New. Enter these records: ID / Name / Change Gate / Description
xx / xx / aa1 / xx yy / yy / aa1 / yy
ww / ww / bb1 / ww zz / zz / bb1 / zz
3. Create Custom Lookup Name=Change Gate Deliverables ID=TDS_CHANGE_GATE_DEL Dynamic Niku Query

```
NSQL:   SELECT  @SELECT:CGD.ID:ID@, @SELECT:CGD.TDS_CHANGE_GATE:CHANGE_GATE@, @SELECT:CGD.TDS_DESCRIPTION:DESCRIPTION@
FROM    ODF_CA_TDS_CHANGE_GATE_DEL CGD WHERE   CGD.TDS_CHANGE_GATE = @WHERE:PARAM:USER_DEF:STRING:CHANGE_GATE@ AND @FILTER@
        Hidden Key= id
        Display Attribute = Description
```

4. Create Custom Object Name=Change Gates ID=tds_change_gates (Subobject. Master: Project) Check 'Event Enabled'
4.1 Create Attributes: Name=Gates ID=tds_change_gate Data Type=Lookup - String uses lookup: Change Gates (ID=tds_change_gates)
4.2 Create Attributes: Name=Gate Deliverables ID=tds_change_gate_del Data Type=Multi Valued Lookup - Number uses lookup: Change Gate Deliverables (ID=TDS_CHANGE_GATE_DEL) Mapping: change_gate MAPPED TO tds_change_gate
4.3 Create Attributes: Name=Lock_Unlock ID=lock_unlock Type=String Add the 3 attributes to the Create Layout and Edit Layout Views
5. Create a Process that Lock attribute 'Lock_Unlock' Name=Lock Attribute ID=tds_lock_attribute Primary Object= Change Gates (created in step 4) Available for On-demand Start=Yes Create Step1 with System Action: Action Name:Lock Attribute ID=lock_attribute Action=Lock Select Attributes Select and add Attribute 'Lock_Unlock' Steps: Start > Step1 > Finish Validate the process
6. Create a Process that UnLock attribute 'Lock_Unlock' Name=UnLock Attribute ID=tds_unlock_attribute Primary Object= Change Gates (created in step 4) Available for On-demand Start=Yes Create Step1 with System Action: Action Name:Lock Attribute ID=lock_attribute Action=UnLock Select Attributes Select and add Attribute 'Lock_Unlock' Steps: Start > Step1 > Finish Validate the process = STR:
7. Open any project
7.1 Go to the Change Gates List (subobject) Click on New Enter any name, any ID
For Lookup 'Change Gates List' select value 'aa1'
For Gate Deliverables click on the binocular. Two records are displayed: aa1 / xx aa1 / yy Select both. Save
For Lookup 'Change Gates List' select value 'bb1'
For Gate Deliverables click on the binocular. Two records are displated: bb1 / ww bb1 / zz Select both. Save
So far the Parameterized lookups usinga multi-valued lookup attribute is working fine.
7.2 Go to Process Tab, Available Processes Start Process 'Lock Attribute' When completes go back to Properties Tab Verify that attributes lock_unlock got locked
7.3 Test again the Lookups Select a Value for Lookup 'Change Gates List' For Gate Deliverables click on the binocular.

EXPECTED RESULT: Values should be displayed (regardless if there is any attribute in the instance that is locked)
ACTUAL RESULT: Parameterized lookup stoped working. Values are not displayed. Root Cause: There is an attribute in the instance that is locked

7.4 Go to Process Tab, Available Processes Start Process 'UnLock Attribute' When completes go back to Properties Tab Verify that attributes lock_unlock got unlocked
7.5 Test again the Lookups Select a Value for Lookup 'Change Gates List' For Gate Deliverables click on the binocular.

Expected Result: Dependent Lookup Type 'Multi Valued Lookup' works.
Actual Result: Parameterized lookup starts working again because there is not any attribute in the instance that is locked.

DE40520

Minor Problem

Fixed in 15.5.0.0

Parameterized Lookup query with function does not evaluate correctly to create DWH View and Load Data Warehouse job fails

Parameterized Lookup query including a function does not evaluate correctly to create the DWH View and fails Load Data Warehouse job (Oracle)

STEPS TO REPRODUCE:
1. Connect to CA PPM UI
2. Go to Administration - Lookups
3. Create the lookup 'breakdwh' with dynamic query:select @select:1:id@,@select:'test':code@,@select:'a test value':name@from dualwhere @filter@and (@where:param:user_def:string:breakdwh@ is nullor @where:param:user_def:string:breakdwh@ = substr('breakdwh', 1, 10))
4. Now go to Objects - Investment - Attributes
5. Create the attribute breakdwh1 based on this lookup query
6. Select any lookup as parameter Object Attribute ID, i.e. agg_availability
7. Now select Enable for Data Warehouse
8. Verify the app-ca logs, you can see the warnings:WARN 2018-04-17 10:22:20,495 [http-nio-80-exec-12] odf.view-generation (clarity: admin:5154040__DD7E9BEF-5A12-4138-AD1D-3E11CDF29984:odf.updateObjectDefinitionAttribute) A SQL exception occured when creating view DWH_DW_INVESTMENT_V. The view will not be recreated. [CA Clarity][Oracle JDBC Driver][Oracle]ORA-00904: "SUBSTR": invalid identifierWARN 2018-04-17 10:22:20,516 [http-nio-80-exec-12] odf.view-generation (clarity:admin:5154040__DD7E9BEF-5A12-4138-AD1D-3E11CDF29984:odf. updateObjectDefinitionAttribute) A SQL exception occured when creating view DWH_LKP_BREAKDWH_V. The view will not be recreated. [CA Clarity][Oracle JDBC Driver][Oracle]ORA-00904: "SUBSTR": invalid identifier
9. Now run Load Data Warehouse - Full

Expected Results: Load Data Warehouse to complete successfully
Actual Results: Load Data Warehouse job fails with error: [CA Clarity][Oracle JDBC Driver][Oracle]ORA-20100:
ENCOUNTERED EXCEPTION IN DWH_DIM_LOAD (DWH_INV_INVESTMENT). SQLERRM :
ORA-00904: "BREAKDWH1_KEY": invalid identifierORA-06512: at line 31

Parameter is missing in DWH_DW_INVESTMENT_V. This issue occurs when generating the view. It's caused by the wrong assumption of the code that left part of the expression is equal to the right part (without taking the parenthesis of the functions in consideration): Example with REGEXP_SUBSTR function:via com. niku.union.persistence.nsql.Utils.parse(StringBuffer, ParseHandler)ParseHandler == DataWarehouseParamHandler("view")StringBuffer ==AND CLV.IS_ACTIVE = 1AND CLV.LANGUAGE_CODE = 'en' AND CLV.LOOKUP_TYPE = 'FSV_NET_NEW'AND (USERPARAM IS NULL ORUSERPARAM = REGEXP_SUBSTR(CLV. LOOKUP_CODE, '[^-]+', 1, 1))Pattern matcher:(\s*)(USERPARAM)(\s*)(\=)(\s*)(\w+)(\s*)Finds match against:USERPARAM = REGEXP_SUBSTRResults in: pExpressions.getReplaceString()=> Class DataWarehouseParamHandler$PatternExpression$4=> Name "AFTER_PATTERN"Operation being performed:"A = B" ==> "B = B"E.g.:"USERPARAM = REGEXP_SUBSTR" ==> "REGEXP_SUBSTR = REGEXP_SUBSTR"When fed back into the outer string, the (...) regexp_substr parameters that follow it are left intact, but they're not caught and used in the replacement string.

Workaround: Flipping the query around works:
from: @USERPARAM@ = REGEXP_SUBSTR(...) to REGEXP_SUBSTR(...) = @USERPARAM@Example with the query 'breakdwh' and function SUBSTR: select @select:1:id@,@select:'test':code@,@select:'a test value':name@from dualwhere @filter@and (@where:param:user_def:string:fixdwh@ is nullor substr ('fixdwh', 1, 10) = @where:param:user_def:string:fixdwh@)

Alternative possible workaround: Subquery the select to the layer where REGEXP_SUBSTR(...) is used and give it an alias, then reference the alias in the outer query (less efficient this way but should work). Provided that the evaluation works when done the opposite ways this indicates that this is an actual defect.

DE40553
Minor Problem
Fixed in 15.5.0.0

Transaction Class Lookup Auto Suggest Not Working for Description

The "transaction class description" as auto-suggest does not work, filling in part or the whole class description returns "no results match".

STEPS TO REPRODUCE:

1. In administration - Data Administration - Lookups
    Lookup: Browse for Transaction Classes - Auto Suggest Settings
2. Add the "Transaction Class Description" for the autosuggest.
3. Open a project's cost plan - details and click on Add
4. Here the transaction class field is displayed.
5. Try the autosuggest with the transaction class name or the transaction class short name, this works fine, suggested values show up.
6. Try to use the transaction class description, it shows "no results match"

Expected Results: To see the suggestions
Actual Results: no results match

DE40557
Major Problem
Fixed in 15.5.0.0

In MSP New Driver, Resource Calendars don't properly update in Microsoft Project

In MSP New Driver, Resource Calendars don't properly update in Microsoft Project. (See CLRT-80838.)

STEPS TO REPRODUCE:

1. In PPM, select a Project
2. Go to Team Tab on Project and assign a resource to the project team
3. Navigate to the availability calendar for the resource. On Team tab, click on the resource, a pop-up will show up then navigate to the Calendar tab.
4. Mark several (2-3) normal working days as non-workdays and Save
5. Change those same non-workdays back to working days using the Make Workday button and Save
6. Navigate to that project the resource is assigned to, export to Microsoft Project
7. Open the calendar for the resource in Microsoft Project (Project ribbon > Change Working Time, set the For Calendar to the resource's calendar) and navigate to the time period of the non-working days

Expected Results: The non-working days that had been changed back to working days in PPM should be showing up as normal working days in Microsoft Project

Actual Results: The affected days continue to show up as non-working days in Microsoft Project, even though they had been set back to working days in PPM and display as such

Workaround: Open the resource calendar in PPM, select the affected days and use Reset to Base. The calendar for the resource in Microsoft Project then displays the working days correctly

DE40567
Minor Problem
Fixed in 15.5.0.0

Global Soft Book access right has an incorrect description. Soft Book access can only be used with EDIT access, not VIEW access

The description for the *Resource - Soft Book - All* access right says that it “Allows users to Soft book all resources to an investment that the user has been granted view management rights”. However, the user actually needs the *Project – Edit Management – All* access right in order to soft book a resource to any project. Please let us know if this is working as designed.

If so, then the *Resource - Soft Book - All* access right description needs to be changed to the following: "Allows users to Soft book all resources to an investment that the user has been granted edit management rights".

If the current description is correct, then the product needs to be fixed to allow a user to soft book a resource to any project with the following access rights:
    Project - View Management - All
    Resource - Soft Book - All

STEPS TO REPRODUCE:
1) Create a user with the following access rights:
    Project - View Management - All
    Resource - Soft Book - All

2) Log in as that user and open a project.
3) Go to the Team tab and try to add any resource to the team to soft book the resource.

Expected Results: "Add" button should be available to add any resource to the team to soft book the resource.
Actual Results: "Add" button is not available and no resources can be added to the Team.

DE40581
Minor Problem
Fixed in 15.5.0.0

An MVL field using a parameter construct is not displaying all the saved values

A field with a MVL using a parameter construct is not displaying all the saved values. If you follow the steps using a lookup definition without the construct it works as expected.

STEPS TO REPRODUCE:

1. Create Dynamic Lookup. It includes Parameter like as below. SELECT @SELECT:RES.ID:ID@ ,@SELECT:RES.FULL_NAME:FULL_NAME@ FROM SRM_RESOURCES RES WHERE @FILTER@ @BROWSE-ONLY: AND ((RES.IS_ACTIVE = 1) AND (@WHERE:PARAM:USER_DEF:INTEGER:N_FLG@ = 1)) :BROWSE-ONLY@
2. create custom object.
   a. create attribute. (n_flg)
   b. create attribute. (sugsh02_test_lookup)
   c. define View settings. (Layout Create)
   d. define View settings. (Layout Edit)
3. Access custom object list and create instance, and select some active user for multi value lookup field and save.
4. Go to Resource page and make user who is selected by above step to Inactive.
5. Go to custom_object page and view instance. xogout xml. (custom_object_read.xml.result.xml.zip)

Expected result: Inactive user who was selected before is appeared.

Actual Result: Inactive user who was selected before is not appeared. The @BROWSE-ONLY@ works when selecting a value, but the DISPLAY for saved values seems to be using the @BROWSE@ logic when it should not.

The field DISPLAY VALUE works as expected with the following query - BUT it does not have the dependent parameter construct at allSELECT @SELECT:RES.ID:ID@ ,@SELECT:RES.FULL_NAME:FULL_NAME@ FROM SRM_RESOURCES RES WHERE @FILTER@ @BROWSE-ONLY: AND RES.IS_ACTIVE = 1 :BROWSE-ONLY@ If the query does not have @BROWSE-ONLY@ section, it works as expected to display all the saved values. But then when selecting a value, the user would see all values for selection.

DE41023
Major Problem
Fixed in 15.5.0.0

COST_ETC_TOTAL column in the NBI_PROJECT_CURRENT_FACTS table is wrong when multiple instances of the same role are assigned to the same task

The COST_ETC_TOTAL column in the NBI_PROJECT_CURRENT_FACTS table is wrong when multiple instances of the same role are assigned to the same task.

STEPS TO REPRODUCE:

1. Create a financially enabled project and associate it to a rate matrix
2. Staff two instances of the same role on the project
3. Create a task and assign both instances of the role
4. Add hours of ETC to each role on the task
5. Run the Time Slicing, Rate Matrix, Update Cost Totals, Investment Allocation and Datamart jobs
6. Query the NBI_PROJECT_CURRENT_FACTS for this project and check what the amount on the COST_ETC_TOTAL column

Expected Results: The COST_ETC_TOTAL column in the NBI_PROJECT_CURRENT_FACTS matches the total ETC Cost for the task as per the UI and the PRASSIGNMENT table (sum of the ETCCOST_SUM column for both assignments)

Actual Results: The COST_ETC_TOTAL column has a bigger amount than expected. Instead of only having the total ETC Cost for both assignments, it has the total ETC Cost of both assignments times two.

For example, if the ETC Cost for each of the two assignments was $100. The amount in the COST_ETC_TOTAL column in the NBI_PROJECT_CURRENT_FACTS would NOT have the expected total of $200, it would have double this amount, so $400. Note: The ETC cost in this table is not always double, if there were three instances of the same role assigned, the COST_ETC_TOTAL column in the NBI_PROJECT_CURRENT_FACTS table would have a total amount 3 times bigger than expected.

DE41153
Minor Problem
Fixed in 15.5.0.0

New Risk Response Strategy is populated from a previous Risk

Newly created Risk has 'Response Strategy' pre-populated from an existing Risk

STEPS TO REPRODUCE:

1. Select a project or a program
2. Select the Risks/Issues/Changes tab
3. Click on New (to create a Risk)
4. Enter required fields: Risk name and Risk ID, Response Type 'Watch', and Save.
5. Select 'Response Strategy' from the newly created Risk's Properties tab.
6. Enter a very long Response Strategy in order to force error message 'Value is too large'
7. Enter a value for 'Assigned To'
8. Click Add
9. Get error 'Value is too large' as expected.
10. Reduce the number of characters in Response Strategy
11. Click Add, and the Risk is created.
12. Repeat steps 3 to 5.

Expected Results: Response Strategy is blank on the newly created Risk.
Actual Results: Response strategy is pre-populated with the erroneous long value from the previous Risk. The user is able to clear the information populating from the previous risk.

DE41157
Major Problem
Fixed in 15.5.0.0

Location lookup slow Performance Issue when clicking Browse Icon after clearing Department Value

Location lookup slow Performance Issue when clicking Browse Icon after clearing Department Value. When clicking 'browse' (after clearing out the Department value) it takes around 2-5 minutes for it to load ~40 locations on a list. OOTB Lookup - SCH_BROWSE_LOC lookup.

STEPS TO REPRODUCE:

1. In PPM, go to Home->Resources
2. Click on a Resource and select the Properties drop down then 'Financial'
3. Remove value on the Financial Department
4. Click on the browse icon next to Financial Location

Expected Results: A list of Locations to select from appears within a few seconds or less
Actual Results: It takes 2-5 minutes for the Location window to appear

DE41242
Minor Problem
Fixed in 15.5.0.0

Auto Suggest is not working properly for an out of the box Resource browse (SCH_BROWSE_RESOURCE)

Auto Suggest is not working properly for an out of the box Resource browse (SCH_BROWSE_RESOURCE). No matter what I select under "Attribute Search Keys" it only searches by last name.

STEPS TO REPRODUCE:

1. Login as Administrator to CA PPM
2. Navigate to Administration->Lookups and search for lookup name = Resource browse and lookup id = SCH_BROWSE_RESOURCE
3. Go to Auto Suggest tab and ensure Auto Suggest Enabled
4. Add first_name from Available to Selected for Attribute Search Keys and click Save.
5. Navigate to Home->Projects and open any project
6. Attempt to use auto suggest for Project Manager attribute by starting to type.
7. It is only searching based on last name of the resource and not by first name.

Expected Results: It is supposed to search based on last name OR first name of the resource.
Actual Results: It is only searching based on last name of the resource and not by first name.

DE41247
Major Problem
Fixed in 15.5.0.0

PPM Schema views are no longer working correctly since FTE calculation was changed in RPT_CALENDAR

PPM Schema views are no longer working correctly since FTE calculation was changed in RPT_CALENDAR. This is related to DE34301 where in 15.2 the FTE in RPT_CALENDAR were changed to calculate in seconds. This cause issues with DWH FTE reports as FTE was now in seconds instead of hours. The fix was to change CRV_SQL_CURVES so the reports work correctly. However, the views on PPM Schema RPT_RES_W_ALLOC_FTE_V and RPT_RES_M_ALLOC_FTE_V and probably all the FTE views do not take the change to seconds into consideration and all the values for Allocations show as 0. These views are probably not used in PPM anymore, but some customers might be using them for reporting.

Steps to Reproduce:

Run query

```
select * from rpt_res_m_alloc_hrs_v
```

Expected Result: There will be some values showing.
Actual Result: Most, if not all values show as 0.

DE41418
Minor Problem
Fixed in 15.5.0.0

New UX Timesheet Link in the notifications tab doesn't work

Error 501 - Not Implemented occurs when PMO clicks on 'Link to Page' icon for Timesheets Notification for the request raised by resource to gain access to a project.

STEPS TO REPRODUCE:

1) Navigate to New UX Timesheets
2) Select and OPEN Time sheet and click '+WORK' top left of Timesheet
3) Find a project in the Timesheet list which the resource is not a member of
4) Hover the mouse over the grayed-out task – which will say ' is not available for time entry. Notify Manager to gain access'.
5) Click 'Notify Manager' next to the message. A green message will appear at the top of the page saying Manager has been notified
6) Now Login as the project manager for and navigate to Notifications
7) Filter for 'Timesheets' notification
8) Click on the 3 lines icon in the second column for 'Link to Page' which opens the Project page

Expected Results: It should load the requested Project Page.
Actual Results: It tries to load given URL with returns: Error: 501 – Not Implemented. The server does not support the requested feature. Contact your system administrator.

DE41427
Minor Problem
Fixed in 15.5.0.0

Apostrophe in Resource 'User Name' generates Fatal error messages in app-ca.log log file

Apostrophe in Resource 'User Name' generates Fatal error messages in app-ca.log log file when the user navigates around CA PPM application, for example in Project list, Project Properties, to mention but a few. App-ca.log file is filled with these errors: FATAL 2018-05-11 08:31:01,471 [http-nio-80-exec-122] union. persistence (clarity:user.o'ryan@ca.com5056__D12BF-4AFE-4988-AD9A-3FC2584:odata.GetNavigatorMenuBean) java.sql.SQLClientInfoException: [CA Clarity][Oracle JDBC Driver][Oracle]ORA-06550: line 1, column 45: PLS-00103: Encountered the symbol "RYAN" when expecting one of the following:) , * & = - + < / > at in is mod remainder not rem => <> or != or ~= >= <= <> and or default like like2 like4 likec as between from using || multiset member submultiset The symbol "," was substituted for "RYAN" to continue. ORA-06550: line 1, column 60:

Username is often the same as a user email address; users worried the Fatal error message may indicate something more serious but it does not.

STEPS TO REPRODUCE:

1. Create a labor resource with user name: user.o'ryan@ca.com and assign Project and Resource access rights.
2. Login to CA PPM as the user created in step 1 above and navigate to Project list or a Project Properties page.
3. Review the app-ca.log file

Expected app-ca.log file to be clean
Actual Results: app-ca.log file is filled with Fatal errors messages

DE41475
Cosmetic
Fixed in 15.5.0.0

Timesheets in new UX use comma instead of period English(South Africa)

New UX using Locale: English (South Africa) All numbers show with comma instead of decimal. In classic UX, the numbers show with decimal. In New UX they show with comma. May be related to DE33379 (S2): PPMSAAS_15.2_DEFECT - Locale settings not the same in new timesheets UI fixed in 15.3

In 15.2 the numbers did show with decimal in classic and new UX.

STR:

1. On Account Settings change your Locale to English (South Africa)
2. In Classic check any project with numbers, or a timesheet. Note that the numbers show with a decimal.
3. In New UX look at the same project or timesheet.

Expected Results: Numbers show with decimal
Actual Results: Numbers show with comma.

DE41484
Minor Problem
Fixed in 15.5.0.0

The telescope does not display allocation colors for the Resources in Japanese

The telescope does not displays allocation colors for the Resources in Japanese. At first time, we can see the telescope but try to display it then we can see only Japanese work like "望遠" and cannot display it.

STEPS TO REPRODUCE:

1. Open the New UI window and click Staffing menu in Japanese. We can see the telescope icon.
2. When we click the telescope icon then the telescope does not display allocation colors for the Resources in Japanese.
3. When we click the telescope icon then the telescope displays allocation colors for the Resources in English.

Expected Results: The telescope displays allocation colors for the Resources in japanese.
Actual Results: The telescope does not display allocation colors for the Resources in japanese.

DE41486
Minor Problem
Fixed in 15.5.0.0

New Project from Template is not getting the correct billing currency

When there are 2 entities defined with different currency code, creating a project from template always defaults to the currency of the first created entity even though the template project has a different currency code.

STEPS TO REPRODUCE:

1. Create the below OBS and associate them to Project object Trans Dept USD Trans Dept AUD Trans Loc AUD Trans Loc USD
2. Create below Location Sydney and associate it to Trans Dept AUD Plano and associate it to Trans Dept USD
3. Create below entities USD Entity and make all the currency code as USD and associate the Loc and Dept OBS to Trans Dept USD and Trans Loc USD AUD Entity and make all the currency code as AUD and associate the Loc and Dept OBS to Trans Dept AUD and Trans Loc AUD
4. Create a new project and set the below values Department: AUD Loc: Sydney Billing Currency: AUD
5. Create a new project from the above template
6. Navigate to Settings page and check the Biling Currency Code

Expected: The Billing currency code is AUD because the template project had AUD
Actual: The billing currency code is USD

DE41505
Cosmetic
Fixed in 15.5.0.0

Incorrect Date Format on OOTB Reports from 'Reports and Jobs'

Reports from 'Reports and Jobs' shows dates in US format (MM/DD/YYYY) despite all users having their locale set to English (India) format (DD/MM/YYYY).

Reports from 'Advanced Reporting' don't have this issue.

STEPS TO REPRODUCE:

1. In Admin side, Open a User and Set the locale to English (India). This locate uses Date format (DD/MM/YYYY). Login with that user.
2. Go to PPM and click on 'Home', select 'Advanced Reporting'
3. Click on Library and select 'Project Planning Schedule' report
4. Fill in the fields on the left hand side of the screen
5. Click Apply
6. Observe Date format is correct (DD/MM/YYYY)
7. Go to PPM and click on 'Home', select 'Reports and Jobs'
8. Find 'Project Planning Schedule' report and run it.
9. Open PDF file and Observe Date format

Expected Results: all the dates in the report in International Date format in PPM (DD/MM/YYYY)
Actual Results: The dates in the report are in US format (MM/DD/YYYY)

See CLRT-78444.

DE41551
Minor Problem
Fixed in 15.5.0.0

Unassigned users are not redirected to Portal

After a user authenticates to portal and lands on new UI of unauthorized PPM instance, the user is not redirected to Portal Login Page. Instead user is landing on PPM authentication page which should not be accessible to end user in PPM behind Portal environment.

STEPS TO REPRODUCE:

1. User Authenticates to Portal and lands on new UI of unauthorized PPM Instance

Expected Outcome: Redirect to Portal (as done by Legacy UI) as the user is a valid portal user and there is SMSESSION cookie in the browser
Actual Outcome: User is redirected to PPM Login Page.

DE41597
Minor Problem
Fixed in 15.5.0.0

It is hard to click X icon in SETTINGS dialog in New UI

In PPM15.4 New UI, it is hard to click "X" icon at SETTINGS dialog.

STEPS TO REPRODUCE:

Tooltip is blinking when I move cursor on "X" icon and cannot click it.

DE41635
Major Problem
Fixed in 15.5.0.0

Timeslice Job not working correctly ODF_SSL_CST_DTL_COST

When you have a cost plan populated from Investment Team (Classic UI - Re-Populate from Investment Team) and you edit a value for one of the periods and then repopulate the plan from Investment Team, the corresponding slice in table ODF_SSL_CST_DTL_COST does not get resliced, it retains the value that was manually updated. It happens for all types of resources & roles (labor & non-labor). It appears the values in odf_ss_bill_revenue odf_ss_cost odf_ss_revenue odf_ss_units do not get reset to 1 so they reslice when the plan is repopulated.

STEPS TO REPRODUCE:

1. Create a Cost Plan Populate from Investment Team
2. Get the ID for the record you want to modify from fin_cost_plan_details for the plan_id (internalID of your plan)
3. Run query to verify the slices select * From ODF_SSL_CST_DTL_COST where prj_object_id in (select id From fin_cost_plan_details where plan_id = your planID) OR select * from ODF_SSL_CST_DTL_COST where prj_object_id = (if you know the exact ID from fin_cost_plan_details)
4. Update one of the period cells
5. Make sure time slices run
6. Verify the slice updated in ODF_SSL_CST_DTL_COST
7. Repopulate the plan from Investment Team
8. Let slice job run
9. Query ODF_SSL_CST_DTL_COST

Expected Results: The slice will update to the original number from 1st time cost plan populated

Actual Results: Slice remains with the manually updated value. You can pause the slice job after you repopulate the plan and verify that the slice status does not get updated to 1.

DE41651
Cosmetic
Fixed in 15.5.0.0

Time Compliance Detail Report including additional Timesheets

When testing the Time Compliance Detail report for two specific resources, there is an uncompleted timesheet called out by the report. The issue is that both resources (Mark Granger and Simone Diamond) have a 'date of hire' value after the time period represented by these timesheets. Is there anything that can be done to ensure these red rows are not produced by the report, as both these timesheets are for periods before the resource was officially hired based on their 'Date of Hire' value. They shouldn't be displayed in this report. Our documentation states: The resource is considered set up for time entry if the following conditions are met on the resource: the Open for Time Entry field is checked; the track mode set to PPM or Other; the date of hire is blank, prior to the time period, or within the time period; and the date of termination is blank, after the time period, or within the time period. So I would say it is a defect.

STEPS TO REPRODUCE:

1. Go to 'Home' -> 'Resources' -> go into resource name 'ppmuser' -> I had a 'Date of Hire' set for 2nd April 2018 and when I ran the 'Time Compliance Detail' report I don't see Open timesheet entry for Period Ending: 18/3/18 listed.
2. Blank out 'Date of Hire' for 'ppmuser'
3. Open the timesheet for Period Ending: 18/3/18 listed -> click 'Add Task' button but I didn't select anything, I just clicked on the 'Return' button
4. Now I see the Timesheet has:- Modified by: PPM Administrator (that was me) Last Modified: 14/05/18 5:26 (that was me)
5. Ran these jobs: 'Post Timesheet' 'Post Transactions to Financials' 'Load Data Warehouse' 'Load Data Warehouse Access Rights'
6. Go to 'Advanced Reporting' and run the 'Time Compliance Detail' report

Expected Result: Not to see an entry in the 'Time Compliance Detail' report for the open timesheet Period Ending: 18/3/18 listed.
Actual Result: Data produced by the time compliance report is incorrect. I see this entry in the 'Time Detail Compliance' report for the open timesheet Period Ending: 18/3/18 listed: Resource Name: ppmuser1 Period Ending: 18/3/18 Status: Open Test 2

1. I entered in 'Date of Hire'
2. Ran these jobs:- Post Timesheet Post Transactions to Financials Update Report Tables Load Data Warehouse Load Data Warehouse Access Rights
3. Ran the report and still see open timesheet Period Ending: 18/3/18 listed.

DE41686
Minor Problem
Fixed in 15.5.0.0

Submit button is incorrectly translated to Japanese in the New UI

Submit button is incorrectly translated to Japanese in the New UI.

STEPS TO REPRODUCE:

1. Go to Account Settings, and change language to "Japanese"
2. Login to the new UI using an account that has admin rights
3. Open the Timesheets link
3. Create a Timesheet
4. Make note of the button that is equivalent to the "Submit" button in English

Expected Results: Button text translated to "承認要求", which is the equivalent of "Submit".

Actual Results: Button text is translated to "保存して終了", which is equivalent to "Save and Exit", and causes confusion to end users.

DE41741
Major Problem
Fixed in 15.5.0.0

Entering a very high value on an assignment is allowed, but causes the Load Data Warehouse job to fail [ORA-06502: PL/SQL: numeric or value error: Bulk bind: Error in define]

This issue is a mismatch of number field limits for assignment between PPM and Data Warehouse. This may be either considered as PPM bug (lack of limits) or DWH (different than PPM limits enforced). In any way the limits should be the same.

STEPS TO REPRODUCE:

1. Open CA PPM UI
2. Open any project from Home - Projects
3. Go to the Tasks - Assignments
4. In Assignments set the ETC for one of the assignments to a very high value. For example: 1,000,000,000,000,000,000,000,000,000,000,000,000,000,000.00.
5. Save
6. Note it allows the user to save this amount
7. Now go to Reports and Jobs and run Load Data Warehouse - Full

Expected Results: A) Load Data Warehouse to run successfully and update with the above mentioned value the DWH tables, OR
B) Step 4 in PPM not to allow to save such a high value

Actual Results: PPM saves the assignment ETC with no issue. Load Data Warehouse fails with error: ClarityDB - isOracle? - An error occurred executing this job entry : Couldn't execute SQL: BEGIN DWH_INV_ASSIGN_SUM_FACTS_LOAD (P_DBLINK => 'CLARITYNAM21LINK', P_LAST_LOAD_DATE => to_date ('1910/01/01 00:00:00', 'yyyy/MM/dd HH24:mi:ss'), P_CURRENT_DIM_LOAD_DATE => to_date('2018/06/04 13:31:43', 'yyyy/mm/dd HH24:MI: SS'), P_ARRAY_SIZE => 50000);END;[CA Clarity][Oracle JDBC Driver][Oracle]ORA-20100: ENCOUNTERED EXCEPTION WHILE INSERTING INTO DWH_INV_ASSIGN_SUMMARY_FACTS. SQLERRM : ORA-06502: PL/SQL: numeric or value error: Bulk bind: Error in defineORA-06512: at "CLARITY154DWH. DWH_INV_ASSIGN_SUM_FACTS_LOAD", line 66ORA-06512: at line 2

Workaround: Find the big value that goes over bounds and correct it, then run a Load Data Warehouse - Full Load. This workaround might not be suitable for large customers who often experience user errors associated with large values for ETC, Pending ETC, Pending Actuals, and other assignment fields. We recognize it takes time to find out which field is a problem and this behavior could also fail the Task update as well with error:ClarityDB - isOracle? - An error occurred executing this job entry :Couldn't execute SQL: BEGINDWH_INV_TASK_SUM_FACTS_LOAD (P_ARRAY_SIZE => 50000);END;[CA Clarity][Oracle JDBC Driver][Oracle]ORA-20100: ENCOUNTERED EXCEPTION WHILE INSERTING INTO DWH_INV_TASK_SUMMARY_FACTS. SQLERRM : ORA-06502: PL/SQL: numeric or value error: Bulk bind: Error in defineORA-06512: at "US2917PDWH.DWH_INV_TASK_SUM_FACTS_LOAD", line 48ORA-06512: at line 2

DE41746
Major Problem
Fixed in 15.5.0.0

Extremely long loading time for timesheets to display for certain users

Users having problems pulling up their time sheet to enter their time - it takes an extremely long time to come up. If an admin user pulls up that same exact timesheet it displays immediately.

STEPS TO REPRODUCE:

Related to file TimesheetDataPMD.xml

```
SELECT T.PRPROJECTID AS ID FROM PRTIMEENTRY TE, PRASSIGNMENT A, PRTASK T, CMN_SEC_CHK_USER_V0 PERM, ODF_CA_PROJECT P WHERE TE.PRTIMESHEETID
= ? AND A.PRID = TE.PRASSIGNMENTID AND T.PRID = A.PRTASKID AND PERM.USER_ID = ? AND PERM.PERMISSION_CODE = 'prProjectViewer' AND PERM.
OBJECT_ID = ? AND PERM.OBJECT_INSTANCE_ID = T.PRPROJECTID AND P.ID = T.PRPROJECTID AND PERM.CLASS_CODE = P.ODF_CLASS_CODE        SELECT
DISTINCT T.PRPROJECTID AS ID FROM PRTIMEENTRY TE, PRASSIGNMENT A, PRTASK T, ODF_CA_PROJECT P WHERE TE.PRTIMESHEETID = ? AND A.PRID = TE.
PRASSIGNMENTID AND T.PRID = A.PRTASKID AND P.ID = T.PRPROJECTID AND @DBUSER@.CMN_SEC_CHK_CLS_INST_RIGHT_FCT(?, 'PRJ', 'PRJ_PROJECT', 'RECORD',
'prProjectViewer', t.prprojectid, p.odf_class_code ) = 1
```

The call to the following function is causing the slowness: CMN_SEC_CHK_CLS_INST_RIGHT_FCT

Note: This is with mssqlserver; if the function for mssql is removed from the query and replaced by the one for oracle, the query executes much faster.

```
SELECT DISTINCT T.PRPROJECTID AS ID         FROM PRTIMEENTRY TE, PRASSIGNMENT A, PRTASK T, CMN_SEC_CHK_USER_V0 PERM, ODF_CA_PROJECT P
WHERE TE.PRTIMESHEETID = ?         AND A.PRID = TE.PRASSIGNMENTID         AND T.PRID = A.PRTASKID                                 AND PERM.
USER_ID = ?         AND PERM.PERMISSION_CODE = 'prProjectViewer'         AND PERM.OBJECT_ID = ?         AND PERM.OBJECT_INSTANCE_ID = T.
PRPROJECTID         AND P.ID = T.PRPROJECTID
```

See also CLRT-71628 and CLRT-53897. Oracle query seem to be amended through some bugs, but possibly the MSSQL one has not.

DE41751
Minor Problem
Fixed in 15.5.0.0

Job appears to fail yet runs successfully

A custom job, "Employee Payroll Time 3" executes a stored procedure. This job runs with no problems in PPM 14.4. If this stored procedure executes successfully, it adds a record to a log table in the database. After upgrading to PPM 15.3, it appears to fail because a job failure message is displayed in the UI Job log. Even though the job appears to fail, it actually runs successfully. It adds a record to the log table and creates the appropriate records.

This error message does not occur when running any of the default system jobs that are stored SQL procedures.

STEPS TO REPRODUCE:

Run a custom job immediately with a time period as a parameter.

Expected Outcome: The job log should show a success message and should update both of the following PPM schema tables:
NIKU.Z_HRS_MICROMAN
[NIKU].[Z_EXPORT_INTERFACES_LOG]

Actual Outcome: The job log shows a failure message, but the tables are updated as expected in the DB.

Details: Is there a way to 'override' this check or to increase the limit of 10K? The goal of the condition check is to ensure the SQL statements being called don't generate endless quantities of result sets. Either a statement should return a count of records affected (delete/insert/update) or return N result sets. The condition is designed to stop after checking 10000 result sets. It is not clear if the 10K result set applies to each select statement individually or is it the combination of the entire store procedure (including any other stored procedures or functions that may be called). When the '10K result set' condition is met, we are uncertain what happens next:
a) the job stops, producing the 'job failure' message in CA PPM and stopping the sp;
b) the job stops, producing the 'job failure' message in CA PPM but allowing the sp to continue;
c) the job continues until the sp stops and then produces the 'job failure' message in CA PPM;
d) some other scenario.

DE41772

Minor Problem

Fixed in 15.5.0.0

After refresh, Load Data Warehouse job fails with error 'ORA-06575: Package or function DWH_CAL_DATELABEL_FCT is in an invalid state' due to DB LINK hardcoded in view DWH_RPT_LABELS_V

After refresh, Load Data Warehouse job fails with error "ORA-06575: Package or function DWH_CAL_DATELABEL_FCT is in an invalid state" due to DB LINK hardcoded in view DWH_RPT_LABELS_V

STEPS TO REPRODUCE:

1. Get a database copy from another environment
2. Restore it in house
3. Point to another schema / and create another database link in CSA
4. Run the Load Data Warehouse job - Full

Expected Results: The Load Data Warehouse job - Full to complete successfully

Actual Results: Load Data Warehouse fails with ORA-06575: Package or function DWH_CAL_DATELABEL_FCT is in an invalid state Full Error: [CA Clarity][Oracle JDBC Driver][Oracle]ORA-06575: Package or function DWH_CAL_DATELABEL_FCT is in an invalid state ORA-06512: at "PPM_DWH.DWH_CFG_ADDIN_EXTRAS_SP", line 463 ORA-06512: at line 19

```
Upon debugging we can see the function is not compiled because this view has errors:  Error(30,49): PL/SQL: ORA-04063: view "PPM_DWH.
DWH_RPT_LABELS_V" has errors  When opening the view we see this happens because it still points to the old DB link:    CREATE OR REPLACE FORCE
EDITIONABLE VIEW "PPM_DWH"."DWH_RPT_LABELS_V" ("LABEL_KEY", "LABEL_CODE", "LANGUAGE_CODE", "LABEL_NAME", "DESCRIPTION") AS    SELECT L.ID
LABEL_KEY, L.LABEL_CODE, NLS.LANGUAGE_CODE, NLS.NAME LABEL_NAME, NLS.DESCRIPTION FROM CMN_CAPTIONS_NLS@OLD_DB_LINK NLS,
CMN_RPT_LABELS@OLD_DB_LINK L, CMN_LANGUAGES@OLD_DB_LINK LA WHERE NLS.TABLE_NAME = 'CMN_RPT_LABELS' AND NLS.PK_ID = L.ID AND NLS.LANGUAGE_CODE
= LA.LANGUAGE_CODE AND LA.IS_DW_ENABLED = 1;     COMMENT ON COLUMN "PPM_DWH"."DWH_RPT_LABELS_V"."LABEL_KEY" IS 'Primary key for the report
label.  Internal key - links to cmn_rpt_labels.id (Only in PPM)';    COMMENT ON COLUMN "PPM_DWH"."DWH_RPT_LABELS_V"."LABEL_CODE" IS 'Label
code. (Only in PPM)';    COMMENT ON COLUMN "PPM_DWH"."DWH_RPT_LABELS_V"."LANGUAGE_CODE" IS 'Language code';    COMMENT ON COLUMN
"PPM_DWH"."DWH_RPT_LABELS_V"."LABEL_NAME" IS 'Name of label';    COMMENT ON COLUMN "PPM_DWH"."DWH_RPT_LABELS_V"."DESCRIPTION" IS 'Label
description';    COMMENT ON TABLE "PPM_DWH"."DWH_RPT_LABELS_V"  IS 'Contains action items assignees related to action items on risks';
```

Workaround:
1. Get the DDL for DWH_RPT_LABELS_V from your database
2. Replace the @OLD_DB_LINK with @NEW_DB_LINK (exact database links names are required as per properties.xml
3. Run the DDL to recreate the view
4. Recompile the view DWH_RPT_LABELS_V
5. Recompile the function DWH_CAL_DATELABEL_FCT
6. Re-run the job

DE41780

Cosmetic

Fixed in 15.5.0.0

Can't scroll to the bottom of the task details in NewUX when browser is zoomed in

Can't scroll to the bottom of the task details in New UX when browser is zoomed in.

STEPS TO REPRODUCE:

1. Create a Project with at least 20 Tasks
2. Open the project in the New UX
3. Got to Tasks
4. On the right side, click on Details icon. On that panel you will see Name, Start Date, Finish Date, type, status, estimate to complete. If you select a task you will also see the DELETE TASK button at the bottom of the task details.
5. Scroll to the bottom of the task list.It scrolls to the bottom of the task list, but it doesn't scroll in the task details
6. Zoom in the browser, for example 200%
7. Scroll to the bottom of the task list.

Expected Results: It scrolls to the bottom of the task list and it scrolls to the bottom of the task details
Actual Results: It doesn't scroll in the task details. You cannot see the bottom of the task details; you won't see the DELETE TASK button.

DE41781

Major Problem

Fixed in 15.5.0.0

Some values of 'User Value 1' are not displayed in the new UX

'User Value 1' which use a custom dynamic lookup is correctly displayed in classic UI. In the new UX some values do not appear.

STEPS TO REPRODUCE:

1. Create Custom Object ODF_CA_UNUM_OVERTIME. You can create it via XOG.
2. Create some instances on Custom Object ODF_CA_UNUM_OVERTIME:
   You can create them via XOG. Overtime Key Code values can have 3 characters: CAL, NGT, OVT, ABC. They are Active.
3. Create custom Dynamic Lookup ID: UNMUM_OT_VALUES_LKP
   You can create it via XOG

Nsql Query : SELECT@SELECT:TE.PRID:PRTIMEENTRYID@,@SELECT:substr(ot.key_code,1,30):USERVALUE@,@SELECT:substr(ot.key_code,1,30):DISPLAYVALUE@FROM PRTIMESHEET TS,PRTIMEENTRY TE,(SELECT key_codeFROM ODF_CA_UNUM_OVERTIMEwhere unum_active=1) otWHERE TS.PRID = @WHERE:PARAM:USER_DEF:INTEGER:USERDEFTSID_PARAM@AND TS.PRID = TE.PRTIMESHEETIDAND @FILTER@

3. In Admin side, go to Timesheet Options.
   - Associated the lookup created in step 3 to 'User value 1' Lookup
   - Add the User value 1 in the layout.
4. In classic UI, enter timesheets for a resource for 4 Tasks. For each Task Select a value for 'User value 1'.
   For one task select value ABC, for another one select value CAL, for another one select value NGT , for another one select value OVT
5. In Admin side, go to System Options. Check 'Activate Timesheets'. Save.
6. In new UX, find that timesheet for the resource and Observe the 'User value 1' values

Expected Results: 'User value 1' with values ABC, CAL, NGT, OVT should be displayed.
Actual Results: 'User value 1' with value ABC is displayed. 'User value 1' with values CAL, NGT, OVT are not displayed.

DE41789

Minor Problem

Fixed in 15.5.0.0

Icon Display Mappings do not get exported to Excel

Icon Display Mappings do not get exported to Excel. Export to Excel should contain the same data that is shown in a Portlet or a List view

STEPS TO REPRODUCE:

1. Same behavior on any object, but Project object can be used here
2. Create an attribute of type Number
3. Choose "Icon" Display Mapping
   a. Map 0 to 100 to "Down Arrow - Red"
   b. Map 101 to 200 to "Up Arrow - Green"
4. Create another attribute of type Number
5. Choose "Color" Display Mapping
   a. Map 0 to 100 to "Black"
   b. Map 101 to 200 to "Red"
6. Create a Portlet out of the Project object
7. Display the attributes created in Steps 2 and 4 in the Portlet
8. Configure the Portlet. Go to "Fields" sub page of the Layout view. Configure the above attributes to display as both "Image" and "Value"
9. "Export to Excel" from the portlet

Expected Result: Export to Excel should contain the same data that is shown in a Portlet or a List view. Color Display Mapping has two sub columns in Excel - "Value" and "Color". Icon Display Mapping also has both "Icon" and "Value" exported

Actual Result: Icon Display Mapping just exports the Image, and leaves out the Value.

DE41798

Minor Problem

Fixed in 15.5.0.0

Status Report in Modern UX Removes or Changes Characters in the PDF

Modern UI fields not interpreting characters correctly. Grammatical errors are not acceptable.

STEPS TO REPRODUCE:

1. Create a project > status report in either the modern or classic UI.

2. In any of the fields, enter the following test strings:

```
Let's help each other
to "lift" each other up.
Be prepared\n to help.
```

3. Review the text from the modern UI and/or Preview mode.

Expected: The modern UI > Project > Status report fields display exactly what is entered:

```
Let's help each other
to "lift" each other up.
Be prepared\n to help.
```

Actual: The modern UI > Project > Status report fields removes/converts the above entry as:

```
Lets help each other         <---apostrophe is removed
to 'lift' each other up.     <---double quotes converted to single quotes
Be prepared to help.         <----\n is removed
```

DE41800

Minor Problem

Fixed in 15.5.0.0

Resource Enter Time instance rights not working in new UX

A user with Resource Enter Time instance rights on another resource is not able to enter time on their behalf in the new UX. The timesheets are pending when the actual timesheet user is on vacation or not able to enter timesheet because their manager or someone who has instance rights is not able to enter time for them.

STEPS TO REPRODUCE:

1. Identify a resource (TUSER) who is Open for Time Entry and has rights to enter time.
2. Assign this resource to tasks for time entry.
3. Identify another resource (TAPPROVER).
4. Navigate to Admin -Resources -TAPPROVER profile - Instance Rights
5. Grant only the below rights Resource - Enter Time for Resource TUSER API - Access (global rights) Timesheet Navigate (Global rights)
6. Login as TAPPROVER to the New UX timesheet
7. Search for user TUSER and click on the user Tmesheet

Expected: The TAPPROVER is able to enter time for TUSER as he has Resource Time Enter instance rights on TUSER
Actual: The below error message shows up API-1007 : You are not authorized to TinmesheetCarouselModel resource(s). Contact your system administrator for necessary security rights. or API-1007 : You are not authorized to process request. Contact your system administrator for necessary security rights.

The first error message was rewritten to the second message so depending on the PPM version you will see one of them.

Workaround 1: Navigate to Admin -Resources - TAPPROVER profile - Instance Rights Grant Resource - Approve Time for TUSER
Workaround 2: Navigate to Admin -Resources - TAPPROVER profile - Instance Rights Grant "Resource - Enter Time" for self (TAPPROVER) (This actually comes by default when a user is created, but in this case someone may have explicitly removed it). This also means that "Resource - Approve Time" need not be given on TUSER. This should be a more viable/agreeable workaround.

DE41821

Minor Problem

Fixed in 15.5.0.0

MPP files for Projects exported to MSP 2013 using the Legacy Driver always Save under My Documents

MPP files for Projects exported to MSP 2013 using the Legacy Driver always Save under My Documents

STEPS TO REPRODUCE:

1. Using MSP2013, install the Legacy Driver
2. In MSP, go to File - Options - Save, and change the Default File Location setting to a different folder that is not `C:\Users\\Documents`
3. Click ok to save the change and close out of MSP
4. In PPM, create a new project and export it to MSP
5. Once the project opens, check what folder the MPP file is saved in

Expected Results: The file is NOT saved under `C:\Users\\Documents`, but instead saved under the new folder specified in Step 2.

Actual Results: The file is saved under `C:\Users\\Documents`.

DE41867
Major Problem
Fixed in 15.5.0.0

Deactivating the Tomcat access log import/analyze job can fail an upgrade with error: ORA-01400: cannot insert NULL into (PPM. CLB_NOTIFICATION_ASSOCS.NOTIFICATION_DEF_ID)

Deactivating the Tomcat access log import/analyze job in UI can fail the upgrade with error: ORA-01400: cannot insert NULL into ("PPM"."CLB_NOTIFICATION_ASSOCS"."NOTIFICATION_DEF_ID")

1. On your previous environment, connect to Administration - Reports and Jobs
2. Find the job Tomcat access log import/analyze with ID log_import_analyze_job
3. Select it and click Deactivate
4. Now start the upgrade to 15.3 or 15.4

Expected Results: Upgrade to go smoothly as it should be allowed to disable jobs from UI

Actual Results: Upgrade fails with error:
```
6/06/18 3:03 PM (ExecTask) Error message: [CA Clarity][Oracle JDBC Driver][Oracle]ORA-01400: cannot insert NULL into
("TRATU05_PPM_06041801"."CLB_NOTIFICATION_ASSOCS"."NOTIFICATION_DEF_ID")Full Error message:6/06/18 3:03 PM (ExecTask) Starting seeding
instance of :: Tomcat access log import/analyze6/06/18 3:03 PM (ExecTask) com.niku.dbtools.ant.ExecutableException: c:
\ppm14303\upgrade\15.3.0\component\postupgrade\content.xml:52: java.lang.Exception: Error processing xbl 'scheduler/postSchedulerProperties.
xbl'. Message(s): com.niku.union.persistence.PersistenceException: 6/06/18 3:03 PM (ExecTask) SQL error code: 14006/06/18 3:03 PM (ExecTask)
Error message: [CA Clarity][Oracle JDBC Driver][Oracle]ORA-01400: cannot insert NULL into
("TRATU05_PPM_06041801"."CLB_NOTIFICATION_ASSOCS"."NOTIFICATION_DEF_ID")
```

Cause: job definition has been made inactive
Reason: leads to query nmc.jobProperties_set having 0 results, which in turn left eventKey unset/null. eventKey is hard-coded to one of 3 values depending on the results of the query (report, job with output, or all others) and feeds into notification definition id value.

Workaround: Rollback the upgrade, set the job Tomcat access log import/analyze to Active and retry the upgrade again.

DE41878
Cosmetic
Fixed in 15.5.0.0

Booking Status Changes to Mixed When Project is saved back from OWB

The booking status changes to mixed when a project is saved back from OWB if the team record has two consecutive segments of 0%. This creates additional work for users who have repeatedly changed the booking status from Mixed to Hard. When using Mixed bookings, some of the booking statuses are valid mixed bookings. The users are having to double check each mixed booked record to find the valid mixed booked records and those that were supposed to remain as Hard booked.

STEPS TO REPRODUCE:

1. Under Administration - Project Management Settings - 'Allow Mixed Booking' is Checked. Create a project with dates of 6/11-6/15.
2. Create a task with these same dates
3. Assign a resource with a 0% default allocation and a booking status of Soft
4. On the time scale on the team list, type in the following allocation hours:
   6/11 -- Do not type any value
   6/12 -- Type 0 hours
   6/13-6/15 -- Type 4 daily hours for each of the 3 days
   Note the following planned allocation segments are created by doing this:
   6/11-6/11 : 0% (inherited default) 6/12-6/12 : 0% 6/13-6/15 : 50%
5. From the team list view, change the booking status from Soft to Hard, and click Save
6. Export the project to OWB
7. Without making any change to the project in OWB, save the project back to PPM

Expected Results: The Booking Status of the team record remains Hard.

Actual Results: The Booking Status is now Mixed. (On the staff member properties, the segments between the Planned and Hard Allocation remain the same as before the project was exported to OWB.)

DE41925
Minor Problem
Fixed in 15.5.0.0

Blueprint fields become distorted when you reorder the sections

After reordering the sections in a blueprint, the fields become distorted and all fields are moved into one column.

STEPS TO REPRODUCE:

1. Log in to the New UX as a user with administrator access.
2. Click on the Administration icon then Blueprints.
3. Click on the 3 dot icon at the end of the Standard Blueprint, then select Copy to create a new Blueprint
4. Click on the newly created Blueprint
5. Click the EDIT button
6. Move the sections in the Blueprint to be in a different order in the Blueprint (Example: Make Settings the first section in the Blueprint above Project Summary)
7. Expand the first section

Expected Results: Fields in section remain in the layout setup prior to the move and field names appear expanded correctly

Actual Results: The fields become distorted (Field names are significantly truncated) and you no longer have more than one column

Workaround: If you expand two to three sections, and not just one section, sometimes the issue will go away. If not, click the top expand/collapse option in the Blueprint a couple times (to expand all sections and then collapse all sections) to make the symptoms go away. (This section option seems to be more frequently needed if there are custom sections also added to the Blueprint).

DE41958

Minor Problem

Fixed in 15.5.0.0

Proficiency Level for Skill not Defaulting to first Value

When adding a new skill, the proficiency does not default to the first value in the list in the Reorder Values tab of Resource Proficiency Level lookup. When adding a new skill, the proficiency defaults to the first value found in Alphabetic order. Can't have skills default to Advanced right off the bat.

STEPS TO REPRODUCE:

1. In admin side, Open Lookup:Lookup Name=Resource Proficiency Level Lookup ID=RSM_RESOURCE_PROFLEV
   Go to Reorder Values tab and move '3 - Beginner' to be the first one.
2. In Admin side, got to Skills Hierarchy and add some records.
3. Open Resource Object.
   Add an attribute 'my_lookup' type Lookup that uses Lookup 'Resource Proficiency Level'
   Add attribute 'my_lookup' to the View: Resource Labor, Edit and List views
4. In Application side, Open a Resource.
   In attribute 'my_lookup' click on the binocular and observe values order.
   Actual Result: '3 - Beginner' is the first one in the list, as expected.
5. Go to the Resource List
   In column 'my_lookup' click dropdown to select values and observe values order.
   Actual Result: '3 - Beginner' is the first one in the list, as expected.
   Lookup Values Order works fine in the Resource Edit page and List page.

6. Open a Resource again
   a. Go to Skills Tab
   b. Click on Add. Select Skill and click on Add. Observe column 'Proficiency'.

   Expected Result:
   When adding a new skill, the proficiency does not default to the first value in the list in the Reorder Values tab of Resource Proficiency Level lookup.
   In this example, '3 - Beginner' should be the first one in the list per the setting of the Reorder Values tab of the Lookup 'Resource Proficiency Level'

   Actual Result:
   When adding a new skill, the proficiency defaults to the first value found in Alphabetic order.
   In this example, '1 - Beginner' is displayed. Lookup Values Order doesn't work fine in the Resource Skill List page.

   c. In column 'Proficiency' click drop-down to select values and observe values order.

   Expected Result: '3 - Beginner' is the first one in the list, as expected.
   Actual Result: '3 - Beginner' is the first one in the list, as expected.

DE41973

Cosmetic

Fixed in 15.5.0.0

New UX: When resetting password, PPM does not verify that New and Confirm passwords match

New UX: When resetting the password, PPM does not verify that the New Password and Confirm password data given match. Even if those do not match, password gets reset. If a typo is given when entering the New Password, as no check up is done with both passwords entered, you will not be able to log in and this will need to be reset again.

STEPS TO REPRODUCE:

1. Log in to PPM and ensure new UX is enabled.
2. Go to Administration > Organization and Access > Resources
3. Edit any user profile and add your email address and user email address.
4. Go to the new UX URL, let say: http://emea154sp1/pm
5. Click on Forgot Password
6. Enter the user name you want to have the password reset
7. You will receive an email like:
   We have received a request to reset your CA PPM™ password. To proceed, please click on the following link.
   http://MYPPMSERVER/pm#changepassword?userName=USER_ABC&code=VeFRRRBmUZ4js1k
8. Open the link and you will find a window where you need to enter the new password
9. Give as a New Password: Mynowpwd   Confirm Password: Mynewpwd
10. Submit it

Expected Result: I should be alerted that both passwords given do not match.

Actual Result: Password gets reset to Mynowpwd and no alert is given about password matching. As a typo was made when entering the password, I am not able to log in.

Workaround: Reset password again in new UX or reset it in the Classic UI.

DE42028

Minor Problem

Fixed in 15.5.0.0

Static Dependent Lookup Values with numeric ID doesn't appear when using appropriate attribute in filter section with multiple select type defined

Static dependent lookup with values having numeric IDs like "1", "3" ... you cannot filter by these values when using an appropriate attribute in filter section having a multiple-select type defined.

STEPS TO REPRODUCE:

1. Create a static dependent list lookup filling in the following information: Lookup Name: Static dependent 1 Lookup ID: Z_STATIC_DEP_1 Source: Static Dependent List Sort Order: Manual Save and Continue
2. Create Values ID only numeric (This is important for reproducing): Lookup Value Name: aaa Lookup Value ID: 1 Save and Return Create the second lookup Value using the information below Lookup Value Name: bbb Lookup Value ID: 2 Save and Return
3. Open Project Object and create a new attribute using this new lookup: Attribute Name: multi-select field Attribute ID: z_multi_select_1 Data Type: Lookup – String Lookup: Static dependent 1 Save and Return
4. Click on Views tab > add the Multi-Select field to the Project List View
5. Navigate to Project List
6. Add this field to Filter View and configure it there as multi-select
7. Create at least two project instances and fill out the attribute 'Multi-select field' (''aaa'' and ''bbb'')
8. Click Filter

Expected Result: The filter result should display both projects with attributes = ''aaa'' and ''bbb''

Actual Result: No results are shown

DE42037
Major Problem
Fixed in 15.5.0.0

IE11 Error in 15.4.1: The server was unable to parse... when creating new attributes on object or saving Team properties

After applying the cumulative patch 1 on 15.4 or the 15.4.1 service pack, the following error occurs if using IE11: "The server was unable to parse the parameters on the URL or from a form. This may be caused by too many parameters on the URL or form - the maximum allowed is 10000. The request has been rejected." Chrome, Firefox and Edge do not experience this error.

Steps to Reproduce (as an admin user):

1. Administration tab -> Objects
2. Open any object
3. Click Attributes tab
4. Click on New
5. You will receive this error in IE 11

Steps to Reproduce (as an end user):

1. Login to ppmstage01.
2. Navigate to "Projects"
3. Click on the "Executive Dashboard Visibility" project. (Behavior does not occur for every project; it has been reproduced reliably on this project.)
4. Click on the Team tab.
5. Click on the Properties icon (on the far left) for any row.
6. Click "Save".

Expected Result: No IE 11 error.

Actual Result: IE11 Version: 11.492.16299.0 shows error.

See KB ARTICLE: KB000103910

DE42042
Major Problem
Fixed in 15.5.0.0

Project Autoschedule failure

When publishing the Gantt autoschedule, you get a system error if a process with the task primary object and associated parent object is active on the system.

STEPS TO REPRODUCE:

1. Create a process with a primary object task
2. Add a linked object being parent
3. Add any auto-start condition on update like: ((Task ID = 'mytask') and (Task Finish != Task Finish [Previous Value]))
4. On the Start Step tab link it to finish and validate it. We just need an active process with a link between task and parent object
5. Create a project or edit an existing one
6. Go to the tasks tab and create at least one task
7. Open the project in Gantt
8. Click on autoschedule icon
9. When prompted for publishing the tentative schedule, click on publishing

Expected Results: The project autoschedule to succeed

Actual Results: You get an error: "System error. Contact system administrator."

Workaround: Set the process on draft mode.

DE42065
Major Problem
Fixed in 15.5.0.0

New UX: Unable to switch from Task Board to List View on the Tasks tab if you navigate from the Staff tab

New UX: Unable to switch from the Kanban Board to the List View on the Tasks tab if you come form the Staff tab. The tasks tab becomes unusable if you have visited the Staff tab prior to loading the Tasks module subpage in an open project.

STEPS TO REPRODUCE:

1. Login to the new UX.
2. Go to the Projects menu
3. Open a project.
4. Go to the Tasks tab
5. Switch from the Board View to the List View
6. Changes are successful
7. Go to the Staff tab
8. Go to the Tasks tab
9. Switch from the Board View to the List View

Expected: Tasks to be loaded. To be able to switch between views.
Actual: Tasks are not even loaded. The screens is freezed. You are unable to switch between views.

Workaround: Click F5 to refresh the page OR Go to the Documents tab and back to the Tasks tab

Related to DE40163.

DE42100
Minor Problem
Fixed in 15.5.0.0

PowerPoint file which includes excel object causes Error 500 - Internal Server Error

PowerPoint file which includes excel object causes Error 500 - Internal Server Error.

STEPS TO REPRODUCE:

When user attaches a PowerPoint file which includes a Microsoft Excel object to attachment attribute, it causes Error 500 - Internal Server Error.

DE42129
Major Problem
Fixed in 15.5.0.0

Multiple decimal float number in PRASSIGNMENT can fail Load Data Warehouse job with ORA-06502: PL/SQL: numeric or value error: Bulk bind: Error in define

Multiple decimal float number in PRASSIGNMENT can fail Load Data Warehouse job with ORA-06502: PL/SQL: numeric or value error: Bulk bind: Error in define. This occurs on some floats which go over 38 characters (including delimiter and preceding delimiter) when they get bulked together.

STEPS TO REPRODUCE:

1. Use the database to insert values to reproduce the issue. It's not possible to enter those directly from UI (restricted to 2 decimals after the delimiter).
   Value entered for assignment ETC: 0.2080000000000000277777777777777777777778
   This value can be explained by the fact user is posting chunks of time and ETC is decreased by it.
2. Run Load Data Warehouse - Full

Expected Results: Load Data Warehouse to run successfully

Actual Results: Load Data Warehouse fails with error:

```
[CA Clarity][Oracle JDBC Driver][Oracle]ORA-20100: ENCOUNTERED EXCEPTION WHILE INSERTING INTO DWH_INV_ASSIGN_SUMMARY_FACTS. SQLERRM : ORA
-06502: PL/SQL: numeric or value error: Bulk bind: Error in defineORA-06512: at "PPM1510_DWH.DWH_INV_ASSIGN_SUM_FACTS_LOAD", line 59ORA-06512:
at line 2 Connection details: SERVER-USER-131800-DVNAT:500300admin/pwd@PPM (15.1.0.9.11 (Patch 9))Server: server5.ca.comUsername/password
/nikuSID: orcl4Port: 80801_PPM_0350_CD (tables)user_PPM_06261350_CI (indexes)
```

Workaround:
1. Identify the record that causes an issue
   Project OCA Quick Hits
   Task Release CCTR 4.28
   Assignment 5457799ETC was set to :0.2080000000000000277777777777777777777778
2. Reset the ETC from UI to a regular value such as 0.21
3. Run Load DWH - Full

Similar to DE41741; however, this time we do not have a very large number in the billions, just a high amount of numbers after the delimiter.

DE42134
Major Problem
Fixed in 15.5.0.0

Error 500 - Internal Server error when filtering for Project/Idea Type in list

Cannot filter based on type in either the Project or Idea lists. Attempting to select a Project Type or Idea Type from the Project or Idea list, respectively, results in a error 500 being returned.

STEPS TO REPRODUCE:

1. Log into the CA PPM.
2. Click on Projects from within the Home tab Portfolio Management section
3. Expand the Filter and select a value from the Project Type dropdown.
4. Repeat for the Idea list clicking on Ideas from within the Home tab Demand Management section.
5. Expand the Filter and select a value from the Idea Type dropdown.

Expected Results: A filtered list based on the type will be returned for either the project or idea lists
Actual Results. The following message is displayed, 'Error 500 - Internal Server Error. The server could not retrieve the document due to server-configuration or other technical problems. Contact your site administrator.'

DE42165
Cosmetic
Fixed in 15.5.0.0

Unable to run DB Patch command on SAAS Servers

Unable to run DB Patch command on SAAS Servers. To apply any fix where DB Patch needs to be invoked is not working.

STEPS TO REPRODUCE:

1. Login go any SAAS Server and navigate to Bin Directory
2. Run the below command
   [ppmserver@123 bin]$ dbpatch -bash: /fs0/clarity1/clarity/bin/dbpatch: /bin/sh^M: bad interpreter: No such file or directory
3. Run the same command from a 15.3 box:
   [ppmserver@123 security]$ /fs0/od/custom/clarity/bin/PPMP16p/pp3.cA.com/dbpatch -install
   -apply -file /fs0/clarity1/clarity/upgrade/15.4.0/infra/postupgrade/POSTUPGRADE_SET_PPM_INVALID_USER_ID.xml
   Error: Could not find or load main class com.werken.forehead.Forehead

Expected Results: DB Patch should be executed completely

Actual Results: DB Patch fails with different message example:

```
[ppmserver@123 security]$ /fs0/od/custom/clarity/bin/US46p/usp3snp.com/dbpatch -install
-apply -file /fs0/clarity1/clarity/upgrade/15.4.0/infra/postupgrade/POSTUPGRADE_SET_PPM_INVALID_USER_ID.xml
Error: Could not find or load main class com.werken.forehead.Forehead
[ppmserver@123 bin]$ dbpatch   -bash: /fs0/clarity1/clarity/bin/dbpatch: /bin/sh^M: bad interpreter: No such file or directory
```

Workaround 1: Fix here: /fs0/od/code/clarity15.4.*/runtime/bin/ Redeploy here: /fs0/od/custom/clarity/bin///
Additional Information: CheckInstall DE32237 was fixed using a workaround.

Workaround 2: # dos2unix ./checkinstall.sh
dos2unix: converting file ./checkinstall.sh to Unix format ...
sh ./checkinstall.sh
2. perl -i -pe 'y|\r||d' checkinstall.sh

DE42177
Minor Problem
Fixed in 15.5.0.0

Export to Excel is not returning the expected results for an NSQL Portlet

Export to Excel does not return the expected results in an NSQL Portlet. Some columns are missing on the exported file (regardless of being regular Excel, Data Only or PowerPoint). Depending on the columns configured, the outcome is different and might even be complete.

STEPS TO REPRODUCE:

1. Log in to PPM as admin and while on the Overview page, go to the "Custom Name Controlling" tab.
2. On the portlet, click on Options > Export to Excel.

Expected Results: The values in the portlet appear in the exported results.

Actual Results: Not all columns show values (columns are there, though). "Genehmigungstyp", "Zentral Finanziert" and "Folgegenehmigung" columns may be empty in the Export to Excel, while only "Genehmigungstyp" and "Zentral Finanziert" appear to be empty when choosing Export to Excel Data Only.

See KB Article: KB000106274

DE42180
Major Problem
Fixed in 15.5.0.0

Agile Sync job cannot process more than 50 resources at a time

STEPS TO REPRODUCE:

1) In PPM, configure an integration with Agile Central with Create direction from AC to PPM. Make sure Create and Sync Tasks and Create and Sync Team are checked. Also include an admin user as Agile Owner in Administration > Settings.
2) Still in PPM create 55 users as crtuser1_ac@ca.com, crtuser2_ac@ca.com, etc.
3) Create a PPM project selecting the Agile System and marking it to synchronize.
4) Run the Synchronize Agile Central job
5) In Agile Central, create 55 features under the corresponding Initiative and assign each feature to a different Owner.
6) Back to PPM, run the Synchronize Agile Central job again

Expected Result: Job completes, features are created as tasks in the PPM project, and owners are added as team members in the PPM Project
Actual Result: Job fails with : API-1002 : Can process max 50 resources at a time.

DE42207
Minor Problem
Fixed in 15.5.0.0

Virtual MVL attribute not showing data in Team view

Virtual Team Multi value lookup created from Investment object showing data on Team related pages including the Team tab, Resource/Role Allocations and the Weekly Detail portlet. Similar to CLRT-79934/DE29616.

STEPS TO REPRODUCE:

1. Create a Multi Value Lookup with static lookup values:
    * In PPM, go to Administration->Data Administration->Lookups and click New
    * Enter a Lookup Name and Lookup ID and leave Default for Source as 'Static List' * Click 'Save and Continue'
    * Click on the 'Values' tab
    * Click 'New' and enter the required values and click Save and Return (repeat this step to create one or more additional lookup values)
2. Go to the Investment object and create a new attribute as a Multi Value Lookup data type with the lookup created in step 1
    * Go to Administration->Objects->Investment->Attributes and click New
    * Enter an Attribute Name, Attribute ID, and select Data Type of Multi Valued Lookup
    * In the Lookup field that now appears, select the lookup created in Step 1 and click Add
    * click Save and Return
3. Create a virtual attribute on the team object for the attribute created in Step 2
    * Go to Administration->Objects->Team->Attributes and click 'New Virtual'
    * click the check box next to the attribute created in step 2 and click Add
    * Enter an Attribute Label and Attribute ID and click Finish
4. Go to the Project list and populate a value for the MVL attribute on a project
    * Go to Home->Projects
    * Click the Options icon then Configure
    * Move the attribute created in Step 2 from Available Columns to Selected Columns and click 'Save and Return'
    * From the Project list, double click on the MVL attribute field for a project and click the Browse icon to select a value
    * Click Save
5. Add the virtual attribute to the team list view and observe the value on the list for the project updated in step 4
    * Click on the link to the project where the MVL attribute value has been saved
    * Click on the Team tab * Ensure at least one resource is added to the project Team
    * Click the Options icon then Configure
    * Move the virtual attribute created in Step 3 from Available Columns to Selected Columns and click 'Save and Return'
    * View the value for the Virtual attribute added to the Team list view

Expected Results: Value saved in step for from the project list is displayed in the virtual attribute field
Actual Results: All values for the virtual attribute are blank on the Team list page. This impacts any related team portlets as well.

DE42211
Major Problem
Fixed in 15.5.0.0

Jaspersoft ad hoc view with Resource domain showing different number of records

When Load Data Warehouse job runs to bring resource availability it it looks at hire date and termination date. The logic around resource hire date and termination date is different from incremental to Full load. When running Load Data Warehouse job in Full mode it takes into account hire and termination date but Incremental does not causing discrepancies in the report.

STEPS TO REPRODUCE:

1. Choose a resource that has a hire date of 5/1/18 and ensure it has availability and actuals before the hire date.
   (Same can be accomplished with termination date.)
2. Run Load Data Warehouse job in Full mode and capture results for a given resource.
3. Run Load Data Warehouse job in Incremental mode and capture results for the same resource.

Expected Results: Results should match assuming no changes to actual or availability has occurred.
Actual Results: Results are different.

DE42277
Major Problem
Fixed in 15.5.0.0

When selecting Project Type, Error 500 - Internal Server Error appears after an upgrade

CA PPM SaaS upgrade issue.

DE42305
Major Problem
Fixed in 15.5.0.0

Click on a link in a Portlet Page and it opens a new tab instead of a popup screen

Portlet page Link is not being opened as pop up in Object based grid portlet.

STEPS TO REPRODUCE:

1. Go to 'Administration' -> 'Portlet Pages' -> click on 'New'
2. Fill in these fields in 'Properties' tab: a. Page Name: 'm_Workflow Log' b. Page ID: 'mnovdemandarlog c. Content Source: 'Customer' d. Linkable: ticked
3. In 'Link Parameters' tab click on 'New' and fill in these fields: a. Parameter Name: m_AR Instance DB ID b. Parameter ID: m_arld
4. In 'Content' tab click on 'Add' button and add in anything, in this example I added 'Action Items'
5. Go to 'Administration' -> 'Objects' -> click on 'New'-> fill in these fields: 31a. Object Name: m_sub b. Object ID: m_s c. Content Source: 'Customer' d. Click 'Subobject' e. Master Object: 'Idea'
6. Go to 'Linking' tab and click on 'New' and fill in these fields:
   a. Link Name: 'm_link'
   b. Link ID: 'm_l'
   c. Action: 'm_Workflow Log'
   d. M_AR Instance DB ID: 'Object Internal ID'
   e. Click 'Save and Return'
7. Go to 'Home' -> 'Ideas' -> select an idea from the list, in these example I selected 'm_Mags Test' -> go to Properties -> 'm_sub_list' and click on 'New' and create a couple of ideas.
8. Go to 'Administration' -> 'Portlets' -> create a grid portlet and fill in these fields:
   a. Portlet Name: 'm_webex'
   b. Portlet ID: 'm_1'
   c. Content Source: 'Customer'
   d. Category: 'Business Intelligence'
   e. Instance Type: 'General'
   f. Data Provider: 'm_sub'
   g. Click 'Next' – 'Finish And Open'
9. Go to 'List Column Section' -> 'layout' -> move over all the fields to 'Selected Columns
10. Go to 'Layout' -> click on 'New' and fill in these fields:
   a. Display Tyype: 'Image'
   b. Column Label: m_popup
   c. Show Column Label: ticked
   d. Image: 'Assign Resource'
   e. Link: 'm_link'
   f. Open as a Pop-up: ticked
   g. Click 'Save And Return'
11. Go to 'Home' screen
12. Click on 'Personalize' icon on right-hand side
13. Click on 'Add' and select 'm_webex'
14. Go to 'm_webex' -> click on the icon for 'm_popup'

Expected Result: for this to open up as a pop-up
Actual Results: this open into a new tab

DE42357
Major Problem
Fixed in 15.5.0.0

When % Complete Is Modified in Microsoft Project to a Percentage Corresponding to More than One Day, % Complete Changes to 100%

When the % Complete is modified for some multi-day tasks, and the % Complete represents more than one day of completion, then the % Complete is automatically changed to 100% and the task appears in the MSP Gantt as a 1 day duration with the rest of the duration being dotted.

STEPS TO REPRODUCE:

1* Create a project in CA PPM, open in MSP.
2* Create a new task and set the duration to 1 eweek*. (*) The issue is visible ONLY when using elapsed-time units (i.e.: edays, eweeks).
3* Save project to PPM and open in MSP again.
4* Change the % Complete for the task to 11%.

VARIANT for the same issue:
1* Create a project in CA PPM, open in MSP.
2* Create two tasks, t1 and t2, t1 being a summary task and t2 a child task of t1.
3* Set t2 (child task) duration to 10 days**. (**) The issue is visible with BOTH elapsed-time units (i.e.: edays) and non-elapsed-time (i.e.: days).
4* Save project to PPM and open in MSP again.
5* Change the % Complete for the task to 11%.

Expected Results: % Complete changes to 11%
Actual Results: % Complete changes to 100%, in the Gantt the task is observed as a 1 day duration task with the rest of the task length being dotted. After another save to PPM and open in MSP, the dotted line is not there, but the task remains as 100% Complete.

DE42549
Cosmetic
Fixed in 15.5.0.0

Overall Status Not working in the New UX if using customized calculation and display mapping

Overall Status Not working in the New UX if using customized calculation and display mapping even though the status shows correctly in the Classic UI

STEPS TO REPRODUCE:

1. In PPM, go to Administration->Objects->Status Report->Attributes
2. Click on the Overall Status attribute
3. Click the Build Calculated Attribute link next to Calculation
4. Change Sum to Max so the new Expression is: Max(cop_schedule_status,cop_scope_status,cop_cost_eft_status)
5. Click Save and Return
6. Under Display Mappings make the below changes and click Save and Return:
   * Set On Track From and To to both be 10
   * Set Needs Help From and To range to both be 20
   * Set At Risk From and To range to both be 30
7. Create a new Project in Classic UI
8. From the Project's properties drop down, select Status Reports
9. Click New to create a new Status report with the following values:
   * Schedule Status = At Risk * Scope Status = Needs Help * Cost and Effort Status = At Risk
10. View the Overall Status value for the Status Report in Classic UI and note that it shows "At Risk"
11. Navigate to the Same project in the New UX
12. Click on the Status tab to view the Status Report and observe the Overall value

Expected Results: Overall displays as "At Risk"
Actual Results: Overall displays incorrect as "No Status"

Workaround: Update the Display Mappings for the Overall Status attribute as follows:
* Set On Track Range: 0-11
* Set Needs Help Range: 11-21
* Set At Risk: 21-99
(Note that 21-30 does not calculate red (at risk) correctly. In the documentation, display mapping is now supported in 15.2 for the Project Status Report.)

DE42551
Cosmetic
Fixed in 15.5.0.0

Cannot Set Default Blueprint: Error ODF-0232 Attribute ID cannot be SQL reserved word, start with 'odf_', or end with '_list'

Post upgrade from release 14.3 when trying to setup default project blueprint getting error: ODF-0232: Attribute ID cannot be a SQL reserved word, nor can it start with the string "odf_", nor end with "_list"

STEPS TO REPRODUCE:

1. Go to Administration -> Objects -> Projects
2. Go to the attributes tab
3. Open the properties page to the "Blueprint" attribute
4. Select any blueprint to be the default
5. Click on Save

Expected Results: The default blueprint is saved
Actual Results: The default blueprint is not saved, and the following error is thrown: ODF-0232: Attribute ID cannot be a SQL reserved word, nor can it start with the string "odf_", nor end with "_list"

DE42689
Major Problem
Fixed in 15.5.0.0

Service Planned Benefit data gets zeroed out on the portfolio investments if a service is updated by XOG

Service Planned Benefit data gets zeroed out on the portfolio investments if a service is updated by XOG.

STEPS TO REPRODUCE:

1. Go to Home > Service Management > Services
2. Create a service "Rafa Srv"
3. On the Financial Summary Page > Populate the Planed Cost and Planned Benefit data
4. Home > Portfolio Management > Create a portfolio
5. On the Contents Editor tab and the service above and Sync the portfolio
6. Go to the portfolio Investments tab and look to the data present. Cost plan and benefit plan data is present
7. Do a XOG update of the service with the xml below:
8. The update is successful.
9. Sync the portfolio and go back to the Investments tab

Expected Result: Service Planned Benefit data to be shown
Actual Result: Service Planned Benefit data has been zeroed out

Workaround:
1. Go to the Service itself and do a save action. Re-sync the portfolio
2. Ensure the Planned benefit details are present on the XOG file

DE42747
Cosmetic
Fixed in 15.5.0.0

PPM_ON_PREMISE_15.3_DEFECT - Support dropped for using file:// protocol links in Project Tasks

In previous PPM versions, we had functionality to use links of type "file://localnfs/project/etc" as new links for TASKS. After we upgraded to 15.3, we do not have option to use the file:// protocol. Getting file:// links are invalid, and error CMN-0016: Attribute 'URL' has an invalid value.

Related to DE33311 (S2): Cross Site Scripting (XSS) PPM no longer allows the user to add a URL value without http:// (or https://). This is to stop the chances of cross site scripting vulnerabilities. The file:// protocol was removed at the time. However, how can we now support file:// protocol again, to enable users to click links of type "file://localnfs/project/etc"?

Related to DE40499, security has been validated and, for this bug fix, we will restore support for these two protocols.

STEPS TO REPRODUCE:

1. Open a project
2. Open Tasks
3. On the properties tab of the Task, click Links (lower right hand)
4. Click New and try to add a URL that starts with file://

Expected Results: Able to use links of type "file://localnfs/project/etc" as new links for tasks
Actual Results: Error: The file:// links are invalid, they are getting error CMN-0016: Attribute 'URL' has an invalid value

DE42753
Major Problem
Fixed in 15.5.0.0

Problem with cost plan data in the datawarehouse

Financial Forecast Review by Investment does not include Actuals for Unplanned Lines; Ad-Hoc views as well.

STEPS TO REPRODUCE:

:1. Create a cost plan from Investment Team - to keep it simple I added one resource to the team and had allocations - make sure there is also a task to post the transaction against - make sure the resource has a project role (i.e. developer) - Group by resource and role
2. Post a financial transaction in the past for the resource - but choose a different role (i.e. architect)
3. Verify in cost plan that there is now an unplanned line
4. Run Load DWH - I normally run Full Load
5. Open Financial Forecast Review By Investment report - Choose your project - change threshold to 0% so data shows - choose correct year as well

Expected Result: Actual to Date shows on the report
Actual Result: Actual for unplanned lines do not show.

Related to DE33066.

DE42852
Minor Problem
Fixed in 15.5.0.0

WSDL XOG Access Right Security Fix

WSDL XOG Access Right Security Fix

DE42965
Major Problem
Fixed in 15.5.0.0

Refresh Odata Model job fails with error 'primary key column PERIOD_KEY for table DWH_CMN_PERIOD_D_V not found or has a warning'

Refresh Odata Model job fails with error:
The primary key column PERIOD_KEY for table DWH_CMN_PERIOD_D_V is not found or has a warning associated with it.

This CA PPM SaaS issue has been fixed.

DE42973

Minor Problem

Fixed in 15.5.0.0

DWH incremental load fails with error ORA-20100: ENCOUNTERED EXCEPTION WHILE INSERTING INTO DWH_INV_PER_FACTS_LOAD. SQLERRM : ORA-30926: unable to get a stable set of rows in the source tables

DWH incremental load fails with error ORA-20100: ENCOUNTERED EXCEPTION WHILE INSERTING INTO DWH_INV_PER_FACTS_LOAD. SQLERRM : ORA-30926: unable to get a stable set of rows in the source tables

STEPS TO REPRODUCE:

1. Run a DWH Incremental Load
2. Chose one of project which is financially enabled
3. Create multiple cost plan example Plan A, Plan B, Plan CA
4. Edit one of Cost Plan and ensure to have some planned cost
5. Make the cost plan as Plan of Record and approve for Budget Plan
6. Change the plan of record to another plan (Step 4-6 needs to be done when DWH is still running)

Expected Results: DWH should complete

Actual Results: DWH fails with error:

```
   [CA Clarity][Oracle JDBC Driver][Oracle]ORA-20100: ENCOUNTERED EXCEPTION WHILE INSERTING INTO DWH_INV_PER_FACTS_LOAD. SQLERRM : ORA-30926:
unable to get a stable set of rows in the source tables ORA-06512: at "M6PDWH.DWH_INV_PER_FACTS_LOAD", line 161 ORA-06512: at line 2
```

Workaround:
1. Upon failure query select * from dwh_cmn_error_message
2. Take the SQL from SQL_COMMAND column in dwh_cmn_error_message and execute in DWH
3. See the duplicates in table DWH_X_INV_PER_FACTS_V

select INVESTMENT_KEY,PERIOD_KEY, count(1) from
DWH_X_INV_PER_FACTS_V group by INVESTMENT_KEY,PERIOD_KEY
having count(1) >1

4. Check another table dwh_x_inv_plan_per_facts_mv for duplicates

select * from dwh_x_inv_plan_per_facts_mv
where INVESTMENT_KEY = 5536893
and PERIOD_KEY = 5005126

5. Check for existence of PLAN; if it is 0, it should be 1

select plans_exist from dwh_x_inv_sum_facts
where INVESTMENT_KEY = 5536893

6. Run Load Data Warehouse job in full mode.

DE43056

Minor Problem

Fixed in 15.5.0.0

Load Data Warehouse job fails intermittently with error ORA-20000: Unable to set values for index UTL_RECOMP_COMP_IDX1: does not exist or insufficient privileges

Load Data Warehouse job fails intermittently with error ORA-20000: Unable to set values for index UTL_RECOMP_COMP_IDX1: does not exist or insufficient privileges.

STEPS TO REPRODUCE:

1. Schedule the Load Data Warehouse job - Incremental to run

Expected Results: The job to always run successfully
Actual Results: Load DWH job fails with error (INTERMITTENTLY):

```
Couldn't execute SQL: BEGIN DWH_CFG_POST_CONFIG_SP(); END;  [CA Clarity][Oracle JDBC Driver][Oracle]ORA-20000: Unable to set values for index
UTL_RECOMP_COMP_IDX1: does not exist or insufficient privileges ORA-06512: at "SYS.DBMS_UTILITY", line 439 ORA-06512: at "SYS.UTL_RECOMP",
line 899 ORA-06512: at "SYS.DBMS_STATS", line 36873 ORA-06512: at "SYS.DBMS_STATS", line 36507 ORA-06512: at "SYS.DBMS_STATS", line 27901 ORA
-06512: at "SYS.DBMS_STATS", line 27878 ORA-06512: at "SYS.DBMS_STATS", line 15441 ORA-06512: at "SYS.DBMS_STATS", line 27758 ORA-06512: at
"SYS.DBMS_STATS", line 36332 ORA-06512: at "SYS.DBMS_STATS", line 36716 ORA-06512: at "SYS.UTL_RECOMP", line 260 ORA-06512: at "SYS.
UTL_RECOMP", line 803 ORA-06512: at "SYS.UTL_RECOMP", line 912 ORA-06512: at "SYS.DBMS_UTILITY", line 435 ORA-06512: at "SJC1206PDWH.
DWH_CFG_POST_CONFIG_SP", line 5 ORA-06512: at line 2
```

The code from the Stored Procedure DWH_CFG_POST_CONFIG_SP which fails is the following:
-- Compile all INVALID objects DBMS_UTILITY.COMPILE_SCHEMA(USER, FALSE);

Looks like an Oracle stock index is causing the failure. Confirmed this is an Oracle bug when it tries to compile objects across several schema at the same time.
https://support.oracle.com/knowledge/Oracle%20Database%20Products/1568324_1.html

DE32401
Major Problem
Fixed in 15.4.1.0

CLRT-80863: Custom Timesheet User Value 1 lookup values are not carried to DWH and are blank in Ad Hoc Views

Steps to Reproduce:
1. Connect to PPM UI - Administration - Lookups
2. Click on New
3. Set the Name to Test Custom User Value 1
4. Select Dynamic Query
5. Enter the query below:

```
SELECT     @SELECT:TE.PRID:PRTIMEENTRYID@,     @SELECT:SUBSTR(TSK.PRNAME,1,30):USERVALUE@     FROM PRTIMESHEET TS, PRTIMEENTRY TE,
PRASSIGNMENT ASSG, PRTASK TSK     WHERE TS.PRID = @WHERE:PARAM:USER_DEF:INTEGER:USERDEFTSID_PARAM@     AND TS.PRID = TE.PRTIMESHEETID     AND
TE.PRASSIGNMENTID = ASSG.PRID     AND TSK.PRID = ASSG.PRTASKID     AND @FILTER@
```

6. Hit Save and Continue
7. Save and Return
8. Now connect to Administration - Timesheet Options
9. In Default Layout add User Value 1 into the Selected Columns
10. Hit Save
11. Now change the User Value 1 Lookup
12. Browse to the Test lookup we created, select it and Save
13. Now navigate to Home - Timesheets
14. Select a timesheet for Resource, note the Resource Name and the Period/dates
15. Open the timesheet, enter some time against a task
16. Select a Value for User Value 1
17. Save and Submit
18. Now go to Home - Jobs
19. Run Load Data Warehouse job with Full Load
20. Once completed, go to Advanced Reporting
21. Select Ad Hoc Views - Create
22. Select Domains - Time management Domain - Choose Data
23. Select all the Fields to Selected Fields - OK
24. Set the Ad Hoc View to Table and No Data
25. Add the fields: Date Worked   Investment Name   Task Name   User Value 1   Resource Name
26. Once done, set the Ad Hoc View to Full Data and look in the list to find out the timesheet/ User Values

Expected Result: To see the new lookup values for the Time entries in the DWH/Ad Hoc view

Actual Result: The values are not updated for the User Value. If the OOTB lookup is used, they are updated. If we look in DWH_META_COLUMNS, the time entry value for user_value1 lookup is still mapped to lookup_type PRTIMEENTRY_USER_LOV1. The other lookup never gets in this table. We also see that PRTIMEENTRY_USER_LOV1 is hardcoded in the DWH_TIMEENTRY_V.   DWH_LKP_USER_VALUE1_V also points to PRTIMEENTRY_USER_LOV1 and cmn_lookups_v that only allows for static lookup values.

DE32455
Major Problem
Fixed in 15.4.1.0

PPMOP_15.1_DEFECT - OWB Resource Filter Changes

Just upgraded to PPM 15.1 and noticed a change in OWB. When you filter on a resource, it shows the tasks for that specific resource. When you click on a different program, or even press F3, and then click back to OWB, the tasks shown are still for the selected resource but the name shown in the filter drop down box has changed. Have found one resource who it doesn't change for, he hasn't logged any actuals to the project so maybe that is something to investigate.

STEPS TO REPRODUCE:

1. Open a project plan with tasks, resources, and actuals from Clarity into OWB.
2. In the Tasks tab, use the Resource "Quickfilter" to select Resource A.
3. Now you should see all tasks for Resource A.
4a. Now press F3 on your keyboard, a box will open, close this box.
4b. Another test, instead of pressing F3, click your mouse on a different program, then click your mouse back onto OWB.
5. Now look at the name in the Resource "Quickfilter", it will have changed (lets say to Resource B) but the tasks actually shown in the window are still for Resource A. Through some basic testing they have found that it always goes to the same resource. For example, Resource A always goes to Resource B. Resource X always goes to Resource Y. As mentioned above it does not jump to a different resource if the original resource (eg Resource A) has not logged any actuals to the project. This has changed since the 14.2 version of OWB they used to use. Only happens on master project.

Expected Results: When you filter on Resource A and press F3 to open the ‘View Definition – Gantt Chart’ and then close the chart you expect to see Resource A in the filter

Actual Results: When you filter on Resource A and press F3 to open the ‘View Definition – Gantt Chart’ and then close the chart it changes to another resource in the filter

DE32902

Minor Problem

Fixed in 15.4.1.0

PPMOP_15.1_DEFECT - Unable to XOG in the project object

See also CLRT-81652. Installing Earned Value Management addin (EVMS) on vanilla 15.1 with SQL DB causes issues with View "Baseline Revision Filter:: baselineRevisionList". It will insert 3 records in odf_views table with object_code = 'evbaseline' and data_service = 'baseline'. This problem isn't caused by the upgrade to 15.1 it seems, but by something that went wrong with the installation of the Earned Value Management add-in (EVMS) after upgrade. Every time Restore To Defaults of the Baseline object views is performed; even after correcting at the DB level the issue with (data_service <> object_code) == 'baseline', it puts the fault back again. So 3 rows in odf_views keep returning to have a mismatch between data_service and object_code because those records are having data_service set to evbaseline instead.

STEPS TO REPRODUCE:

1. Take a vanilla 15.1 with SQL DB
2. Go to Admin side - Objects. Open baseline object. Go to Views Tab. For view "Baseline Revision Filter" check the Layout. Attributes Name, Code are in Selected (Left Column) Add attributes Current Revision, Start, Finish. Save.
3. Go to Admin side - Views. Filter by Object Name=baseline and category=Filter There is 1 view with code "Baseline Revision Filter::baselineRevisionList" Views of baseline object are OK.
4. Install Earned Value Management addin (EVMS)
5. Review Admin Log. It shows:

```
12/15/16 9:54 AM (admin) Content Pack Installation Complete   12/15/16 9:55 AM (admin) CA Clarity Earned Value Manager installation was successful and is complete.  12/15/16 9:55 AM (admin) Check the admin.log for errors that might not have been handled.   However, the log also shows errors:   12/15/16 9:50 AM (admin) ERROR 15-12 09:50:55,395 - Failure while evaluating "integer(data/object/@code)" in expression "{integer(data/object/@code)}"  12/15/16 9:50 AM (admin) java.lang.Exception: Invalid expression integer(data/object/@code): Error parsing number evbaseline   12/15/16 9:50 AM (admin) Caused by: java.lang.NumberFormatException: Error parsing number evbaseline    12/15/16 9:51 AM (admin) ERROR 15-12 09:51:15,784 - Failure while evaluating "integer(data/object/@code)" in expression "{integer(data/object/@code)}"  12/15/16 9:51 AM (admin) java.lang.Exception: Invalid expression integer(data/object/@code): Error parsing number evcwbselement   12/15/16 9:51 AM (admin) Caused by: java.lang.NumberFormatException: Error parsing number evcwbselement   12/15/16 9:51 AM (admin) ERROR 15-12 09:51:33,287 - Failure while evaluating "integer(data/object/@code)" in expression "{integer(data/object/@code)}"  12/15/16 9:51 AM (admin) java.lang.Exception: Invalid expression integer(data/object/@code): Error parsing number evslpp   12/15/16 9:51 AM (admin) Caused by: java.lang.NumberFormatException: Error parsing number evslpp   12/15/16 9:51 AM (admin) ERROR 15-12 09:51:45,455 - Failure while evaluating "integer(data/object/@code)" in expression "{integer(data/object/@code)}"  12/15/16 9:51 AM (admin) java.lang.Exception: Invalid expression integer(data/object/@code): Error parsing number evcontrolaccount   12/15/16 9:51 AM (admin) Caused by: java.lang.NumberFormatException: Error parsing number evcontrolaccount   12/15/16 9:52 AM (admin) ERROR 15-12 09:52:04,191 - Failure while evaluating "integer(data/object/@code)" in expression "{integer(data/object/@code)}"  12/15/16 9:52 AM (admin) java.lang.Exception: Invalid expression integer(data/object/@code): Error parsing number evcontract   12/15/16 9:52 AM (admin) Caused by: java.lang.NumberFormatException: Error parsing number evcontract    12/15/16 9:52 AM (admin) ERROR 15-12 09:52:23,051 - Failure while evaluating "integer(data/object/@code)" in expression "{integer(data/object/@code)}"  12/15/16 9:52 AM (admin) java.lang.Exception: Invalid expression integer(data/object/@code): Error parsing number evagency   12/15/16 9:52 AM (admin) Caused by: java.lang.NumberFormatException: Error parsing number evagency   12/15/16 9:53 AM (admin) ERROR 15-12 09:53:24,047 - Failure while evaluating "integer(data/object/@code)" in expression "{integer(data/object/@code)}"  12/15/16 9:53 AM (admin) java.lang.Exception: Invalid expression integer(data/object/@code): Error parsing number evworkpackage   12/15/16 9:53 AM (admin) Caused by: java.lang.NumberFormatException: Error parsing number evworkpackage
```

6. Again Go to Admin side - Objects. Open baseline object. Go to Views Tab. For view "Baseline Revision Filter" check the Layout. View: Baseline Revision Filter and I see the duplicates attributes in the Selected (Left Column). I see: Name Code Current Revision Start Finish Name Code Current Revision Start Finish
7. Go to Admin side - Views. Filter by Object Name=baseline and category=Filter There are now 2 views with code "Baseline Revision Filter:: baselineRevisionList"
8. Connected to the DB and run query: select * from odf_views where data_service = 'baseline' and object_code = 'evbaseline' Query Output: 3 rows with view type Filer and Codes: baselineRevisionList baselineRevisionList_default baselineRevisionList_master -

Expected Result: For object_code = 'evbaseline' the data_service should be 'evbaseline' -

Actual Result: 3 records in odf_views table have object_code = 'evbaseline' and data_service = 'baseline'

Expected Results: In odf_views table records for object_code = 'evbaseline' should have data_service 'evbaseline'

Actual Results: In odf_views table there are records for object_code = 'evbaseline' and data_service = 'baseline'

Workaround: As a workaround we tried to correct the 'data_service' (we ran: update odf_views set data_service = 'evbaseline' where data_service = 'baseline' and object_code = 'evbaseline') then restarted services, and then restored the view to default, but that didn't resolve the issue. After restoring the view to defaults, Baseline Revisions - List Filter Layout didn't show any attribute in Available, Selected columns . Every time Restore To Defaults of the Baseline object views is performed; even after correcting at the DB level the issue with (data_service <> object_code) == 'baseline', it puts the fault back again. So 3 rows in odf_views keep returning to have a mismatch between data_service and object_code because those records are having data_service set to evbaseline instead. Either way, when those records are evbaseline or baseline, the filter layout shows empty. The fields link does show the fields still on the object as 'available', but it is not appearing on the layout page due to the odf_views issue and something else that is affecting both the layout and the restore to defaults operation at a higher level (caused seemingly by the EVMS addin failure).

DE35535

Major Problem

Fixed in 15.4.1.0

PPMSAAS_15.1_DEFECT - Idea financial not removed from Portfolio

Portfolio Investments leaves the Idea simple budget page planned costs and budgeted costs if costs are removed after initial sync. After entering an Idea with simple plan and budget in portfolio and then removing the costs from the Idea and doing an additional sync, the values were not removed from the portfolio. It did not matter if the values were fully removed or if they were replaced by 0. What appears to be driving the costs on the portfolio is if the NPV on the Idea does not update. The NPV does not update unless you initially leave the dates. When you remove the values along with the Start and Finish Dates the NPV on the Idea does not update. If you remove the values from the costs, but leave the start and finish dates and click save, the NPV gets updated. After NPV updates and you sync the portfolio again the costs will update. But the dates appear to stay in the portfolio on the latest row even if they are then removed from the idea.

STEPS TO REPRODUCE:

1. Create an Idea - Enter simple budget Planned Costs and Budget Costs - Fill in Costs dates
2. Create a portfolio
3. Add the Individual Idea to the portfolio
4. Sync Portfolio
5. Add Costs fields and dates to the Portfolio Investments page if not already there
6. Verify data came in correctly.
7. Edit the Idea - Remove values from the costs (blank them out) - Remove values from the dates (blank them out)
8. Click Save
9. Notice that the NPV remains
10. Sync Portfolio again

Expected Result: Costs update to 0

Actual Result: Original costs and dates remain

Work Around: Leave the dates on the page, click save, make sure NPV updates then sync portfolio.Do not have explanation or work around for the dates.

DE35596
Major Problem
Fixed in 15.4.1.0

PPMSAAS_15.2_DEFECT - Rate Matrix Extraction Job Not Updating Some Rates - Incorrect ACWP

Rate Matrix Extraction Does not update changes to matrix when rate matrix is on entity not project. See DE32542. For my example project I did eventually put the matrix on the project to verify that once it was placed there the new rows were added to the table. If the Rate Matrix is associated at the Entity level and not on the project, once changes are made to the rate matrix, the changes are not pulled into the nbi_proj_res_rates_and_costs (nbi) table.

STEPS TO REPRODUCE:

1. Create or use an existing rate matrix.
    a. Create one row with all asterisks to cover at least on year (1/1/2017-12/31/2017)
    b. Give it a rate/cost of $1
2. Add the rate matrix association on to an entity
3. Create a project
    a. Add financially enabled resource to team
    b. Financially enable using the same department/location as the Entity from step 2, but do not put the matrix on the project itself.
4. Create task with dates 6/1/2017 - 9/30/2017 and assign the resource
5. Run Rate Matrix Extraction job with options 2 and 3, or 1,2,3.
6. Check nbi table. Note the rates are there
7. Go back to the rate matrix
    a. On the line you created change the To Date to 7/31/2017
    b. Create a new line with same options with dates 8/1/2017-12/31/201

7. Give this a rate/cost of $88 - This should in theory create new rows in the nbi table as the rate change is in the middle of the project and task.
8. Run Rate Matrix Extraction job again with options 2 and 3 or 1,2,3.

Expected Result: nbi table has new rows to reflect the change in rate

Actual Result: No new rows are inserted into the table

Workaround: Add the matrix information to the project itself run RME job again.

DE36773

Minor Problem

Fixed in 15.4.1.0

Parameterized lookup values do not show in the List View

Parameterized lookup values do not show in the List View. The Parameterized lookup value does not show in Object List Views while displaying correctly on Properties views. The issue doesn't happen with all Parameterized lookup. The scenario where we see the issue is when the NSQL of the lookups read records from Project's subobject (custom object) and sub-subobject (custom object) and those objects have fields type lookup with NSQL that also read data from other custom objects.

SET UP:
1. Create the 3 custom objects using the XOG with the following XML files: c_sol_del_method.xml, c_summary_role.xml, and c_summary_comptency.xml
2. Create the following dynamic lookups.
    a. Lookup Name=c_fin_prj_num_count Lookup id=c_fin_prj_num_count

NSQL:
SELECT @SELECT:id:code@,
@SELECT:Name:Name@,
@SELECT:Code||'('||name||')':solution_PL@,
@SELECT:decode(c_active,1,'Yes',0,'No'):c_active@,
@SELECT:c_approved_cur:c_approved_cur@,
@SELECT:c_approved_hours:c_approved_hours@,
@SELECT:(select name from cmn_lookups_v where language_code='en' and lookup_type='C_PN_CAP_STATUS' and lookup_code=c_cap_status):c_cap_status@,
@SELECT:(select name from odf_ca_c_sol_del_method where code=c_sol_del_method):c_sol_del_method@
FROM odf_ca_c_fin_project_number
WHERE @FILTER@
AND (odf_parent_id=@where:param:user_def:integer:id@ or @where:param:user_def:integer:id@ is null)

Hidden Key=code
Display Attribute=name

    b. Lookup Name= Proj role Parameterzed Lookup id=C_TEAM_PROJROLE_PARAM

NSQL:
SELECT @SELECT:odfr.id:id@,
@SELECT:odfr.Code:Code@,
@SELECT:odfr.Name:Name@,
@SELECT:odfr.c_proj_role_id||' - '||odfr.name:displayName@,
@SELECT:odfr.c_hours:c_hours@, @SELECT:(select name from odf_ca_c_summary_role where code=odfr.c_sum_prod_role):ps_role@, @SELECT:(select full_name from srm_resources where id=odfr.c_primary_role):primary_role@, @SELECT:(select name from odf_ca_c_summary_comptency where code=odfr.c_sum_competency):competency@ FROM odf_ca_c_proj_role odfr, odf_ca_c_fin_project_number odfpn WHERE odfr.odf_parent_id=odfpn.id AND (@WHERE:PARAM:USER_DEF:STRING:fin_project@ is not null AND odfpn.id=@WHERE:PARAM:USER_DEF:STRING:fin_project@) AND @FILTER@Hidden Key=codeDisplay Attribute=code

3. Use the c_fin_project_number.xml file and execute XOG which creates 2 custom objects:
    a. Custom Object=Financial Project NumberObject ID=c_fin_project_numberMaster Object=Project
    b. Custom Object=ProjRoleObject ID=c_proj_roleMaster Object=Financial Project Number
4. Go to admin side. Open Resource: PPM Administrator. Go to Global Access Rights. Click on Add. Add the access right for the created custom objects
5. Create instances in the custom subobjects:Custom Object=Solution Delivery MethodObject ID=c_sol_del_methodTwo Instances:abCustom Object=Summary CompetenciesObject ID=c_summary_comptency
    Two Instances:a (all fields)b (all fields)Custom Object=Summary RolesObject ID=c_summary_roleTwo Instances:a (all fields)b (all fields)
6. Create attributes in Object: Team.Go to admin side. Open Object: Team. Go to attributes and create 2 attributes type lookups:a. Attribute=Financial Project NumberAttribute ID =c_fin_proj_numUsing Lookup =c_fin_prj_num_count b Attribute= Proj Role IDAttribute ID =c_proj_roleUsing Lookup =Proj role Parameterzed Lookup Parameter Mappings:fin_project mapped to c_fin_proj_num
7.Object: Team. Go to Views Tab. View: Staff Member PropertiesAdd in the Edit Layout Attributes= Financial Project Number and Proj Role ID
8. Create the following lookups. Use the following xml files to create them via XOG:C_SUMMARY_COMP_lookup.xmlc_summary_role_lookup.xml

STEPS TO REPRODUCE:
1. Open any project.
2. Select Properties > Financial Project Number List
    Create an Instance: Name=a ID=a
    Create another Instance: Name=b ID=b

3. Open Financial Project Number instance aProperties > ProjRole ListCreate an Instance:Competency=aProj Role ID=aPrimary Role= select any roleHours=0Prod Role=aName=a1Create another Instance:Competency=aProj Role ID=aPrimary Role= select any roleHours=0Prod Role=aName=a2
4. Open Financial Project Number instance bProperties > ProjRole ListCreate an Instance:Competency=bProj Role ID=bPrimary Role= select any roleHours=0Prod Role=bName=b1Create another Instance:Competency=bProj Role ID=bPrimary Role= select any roleHours=0Prod Role=bName=b2
5. Go to Team - StaffAdd a resourceClick on Staff Member PropertiesEnter:Financial Project Number=aProj Role ID=PR-00000002 (select the row for name=a1)Save and Return
6. In Staff List, click on configure. Go to List Column Section Layout Add to Select Attributes= Financial Project Number and Proj Role ID
7. In Team - Staff List observe columns Financial Project Number and Proj Role ID

ACTUAL RESULT: Financial Project Number=a Proj Role ID=

EXPECTED RESULT: Financial Project Number=a Proj Role ID=PR-00000002

DE36932

Major Problem

Fixed in 15.4.1.0

External Dependencies get Deleted when using the MSP Legacy Driver

STEPS TO REPRODUCE:

1. Create two projects in PPM with two task each
2. In PPM, make Project2 Task1 be a Successor of Project1 Task1
3. Export Project1 to MSP and verify that the external Successor shows on Task1
4. Without making any changes to Project1, close out of MSP
5. Export Project2 to MSP and verify that the external Predecessor shows on Task1
6. Without making any changes to Proejct2, close out of MSP
7. In PPM, make Project2 Task2 be a Predecessor of Project1 Task1
8. Export Project1 to MSP

Expected Results: Both the newly added external Predecessor and the previously added external successor show on Project1 in MSP.

Actual Results: The newly added external Predecessor shows in MSP. However, the Successor that was added on Step 2 and previously showing on Step 3 is no longer part of the project in MSP. If we were to not notice and we save the project back to PPM, it would remove the first external dependency from Task1 in PPM as well.

DE36999
Minor Problem
Fixed in 15.4.1.0

Jaspersoft Scheduled Reports "Start Date" is not dynamic

The required field "Start Date" in the scheduled report is static, and does not get adjusted automatically when the report runs. For example: A report is scheduled to run monthly, and the Start Date is entered as 09/1/2017. When the report runs, it produces data for September 2017 through August 2018. When the report runs on 10/1/2017 or the next month, the Start Date remains the same which means that you get reporting data from September 2017 through August 2018 again, instead of from October 2017 through September 2018.

STEPS TO REPRODUCE:

1. Navigate to Advanced Reporting > Reports > View List.
2. Right-click on a report, and select Schedule (to schedule a report).
3. Set the following field:
   Start Date - On Specific Date: 9/1/2017
   Recurrence Type: Calendar Month: Every month

Expected Results: Report to display data from the current month.

Actual Results: Report displayed data from the Start Date.

DE37155
Minor Problem
Fixed in 15.4.1.0

Data is not displayed when filtering on the second and subsequent pages when displaying

When we show 2nd page on grid portlet and make a filter with the data within 1 page on page filter then we can see no data. When we show 2nd page on grid portlet and make a filter with the data within 1 page on page filter then we can see no data. If we use the portlet filter then we can see the data correctly. We suspect that this is due to page filter.

STEPS TO REPRODUCE:

1. Create a custom object.add 2 attributes.create instance data for 26 counts. The value for bu_id from 1st to 21st is A.
2. Create a query based on the custom object.
3. Create a portlet based on the query.
4. Create a filter portletcreate 2 fields.
5. Create a portlet page with the grid portlet and filter portlet.
6. Show the portlet page.We can see 26 data and go to 2nd page on the list. We can see one "A" data and 5 "B" data in the list. When we input "B" on filter portlet for bu_id and click filter button then I can see the message "There are no items to display".

This is the problem. This should show 5 "B" data. When we input "B" on the portlet filter for bu_id and click filter button then I can see 5 "B" data.

Expected Results: This should show 5 "B" data.

Actual Results: I can see the message "There are no items to display".

Workaround: Use the portlet filter.

DE37169
Minor Problem
Fixed in 15.4.1.0

Plan Start and Finish dates in Portfolios not honored

Portfolio Waterlines page Role Demand does not honor plan dates if portfolio dates are changed. When you have a plan covering different dates than the portfolio the Role Demand shows correctly until you change the portfolio dates and Sync. Then the Waterlines page shows Role Demand across the portfolio instead of honoring the Plan dates. Even when changing to another plan and then back, the dates are not honored. The only way to get the Waterlines Role Demand to honor the plan dates is to reset the dates on the plan (change them and change them back).

STEPS TO REPRODUCE:

1. Make sure you have project which has a Resource with a Role and allocation (so there will be Role Demand) The project dates 8/1/17-12/31/2017
2. Create a portfolio dates 1/1/2017-12/31/2017 - Add the project from step 1 into the contents editor page and sync
3. On Targets tab add the role for the resource from step 1.
4. On Waterlines page configure the view to add the Role from step 1.
5. Set the Aggregate to that Role as well - this way you can see their demand in TSV - Note the Demand for that role (my example = .39)
6. Create a plan with dates matching the project dates, 8/1/17-12/31/17
7. Set waterlines page to that plan - Note the Demand for that role (my example = .92)
8. Change the dates on the portfolio to make the end date = 5/31/2018
9. Sync
10. Go to Waterlines page (note it should already be set to the Plan1 and Aggregate for the Role)

Expected Results: Role demand still reflects the numbers associated with the plan dates

Actual Results: Role demand is spread over the portfolio dates. Even swapping plans on the waterlines page does not reset it.

Workaround: No easy work around. Only way is to reset the dates on the plans which is not feasible.

DE37207
Minor Problem
Fixed in 15.4.1.0

A project can't be opened in OWB after creating a requisition on a role with 0% Default Allocation

After creating a requisition for a role that has 0% default allocation, the project cannot be opened in OWB.

STEPS TO REPRODUCE:

1. Create a new project
2. Go to Team tab and add a role. Make sure that the default allocation is set to 0% (as well as Average allocation, Allocation, ETC...)
3. Create a new task with ETC. Assign the role (so that the role ends with ETC for the assignment)
4. Go to Team tab and execute action "Allocate from Estimates" on the role
5. Execute action "Create Requisitions" on the role (Create and Open)
6. Go to Team > Requisitions and open the newly created Requisition.
7. On the Resources tab, add a resource
8. Book the requisition
9. Go to the Team tab and confirm that the resource has been added to the team.
10. Open the project in OWB

Expected Results: OWB opens the project

Actual Results: OWB shows the error "Unable to open project XXXX. Operation Disallowed: AllocCurve must be of type RATECURVE".

Workaround: Project can be opened in OWB after selecting all resources in the team tab, then choose the action "Set Allocation", then set "Default Allocation %" to "0" and check "Clear existing allocation segments", then Save.

DE37241
Major Problem
Fixed in 15.4.1.0

'PRJ-07008: Finish date earlier than start date.' Error is thrown when Attempting to Modify Expense Assignment Properties (such as Finish Date, Loading Pattern, Assignment Role) on the Assignment List

'PRJ-07008: Finish date earlier than start date.' Error is thrown when Attempting to Modify Expense Assignment Properties (such as ETC, Loading Pattern, Assignment Role) on the Assignment List

STEPS TO REPRODUCE:

1. Create a new project with dates of 3/1/2017 -12/31/2017
2. Financially enable the project
3. Add an expense resource and a labor resource to the team
4. Create a new task (dates: 3/31/2017-12/31/2017) and assign both resources to the task
5. Add etc to the labor resource for the entire task duration
6. Add etc to the expense resource, but only for the months of March - September
7. Post monthly transactions for the monthly ETC amounts entered on the previous step for the Expense resource for every month between March and September
8. Go to the task properties page, notice the Expense assignment has an Assignment Finish Date and an Actual Thru date is 9/30/2017 (0 ETC remaining)
9. Add a 100 ETC amount for the Expense resource on the time scale for the month of October 2017
10. Click Save at the bottom of the Assignment list

Expected Results: 100 ETCs get added in the month of October, and the assignment Finish Date gets extended to 10/1/2017

Actual Results: The ETCs are not saved and the following error is thrown: PRJ-07008: Finish date earlier than start date.

Workarounds:
1. Add ETC to the ETC column first and then redistribute it on the Time Scale.
2. Add an ETC segment on the assignment properties page for the month of October.

DE37316
Major Problem
Fixed in 15.4.1.0

The auto-suggest feature is too slow when searching for a department OBS node

Steps to Reproduce:

Be sure you have many (~15,000) departments with levels/hierarchy. The time to increase as the hierarchy depth increase.
1. Go to Home -> Projects
2. New project
3. Go to Department OBS Browse.
4. Type any valid department name in order to get all the values using the auto population functionality.
5. This is taking approx. 2 min to display those values in Department OBS and making system slow.

Steps to Reproduce in 15.3 are different, however this should be enough to understand the issue.
1. Go to Home -> Projects -> Click on "A Test Proj"
2. In Project Summary view in the Department OBS text entry type the characters, for example /BBT/INFORMATION
3. Just wait there and not select anything. Suddenly it shows "no results match"
4. Observe multiple webservice calls in the tomcat app-access log and look for entries for "/niku/odata/GetSuggestionsForOBSLookupByOBSType"

Expected Result: Auto population in department OBS should find the department faster

Actual Result: Auto population in department OBS is taking too much of time.

Workaround: use binoculars/pop-up window to select department OBS.

See also previous issues where auto-suggest feature is slow when searching for a department OBS node. Separate bug logged for both SQL and Oracle. Bug detail show status Closed and Fixed in PPM 13.3.
-CLRT-71677 - The auto-suggest feature is too slow (sometimes minutes) when searching for a department OBS node.-FOR SQL SERVER
-CLRT-69572 - The auto-suggest feature is too slow (sometimes minutes) when searching for a department OBS node.-FOR ORACLE
-https://support.ca.com/us/knowledge-base-articles.tec591362.html
-(Previous CASUP Defect Id DE35806 - PPMOP_14.3.0.6_CASUP - Auto Suggest Feature Not Working - changed configuration to add locations to the Location OBS which they are using on the Team tab now for Staff OBS)

DE37467
Minor Problem
Fixed in 15.4.1.0

Filter for German character 'ß' in the Resource List doesn't show the correct records

German Character 'ß' does not filter in Resource list.

STEPS TO REPRODUCE:

1. Navigate to Administration > Resources
2. Create new resources with the following names "Groß", "Roß" and "Broß"
3. Navigate to Home > Resource Management > Resources
4. On the resource list, Filter for character "*ß"

Expected Result: All Resources with 'ß' in their name are displayed.

Actual Result: All resources with 'ß' in their name are not displayed. When German language is set, the filter doesn't return the resources with 'ß' in their names.

DE37592
Minor Problem
Fixed in 15.4.1.0

E2E Data Only - Program Hierarchy with subprojects in multiple currencies does not export data as observed in the portlet

This is a new defect based on CLRT-75010 and DE30900. In a program with multiple subprojects in more than one currency (e.g.: Program's Currency is in USD and it contains subprojects in USD, EUR...), the projects that are not in USD show its costs in converted USD amount (as per the currency conversion rates configured in PPM). If the results are exported using the Export to Excel Data Only feature, the amounts that appear are different: they are shown in their configured currency. Subprojects do not show which currency they are using so this generates additional confusion.

Steps to Reproduce:

1. Use a multi-currency environment with at least two currencies (e.g., USD [system currency] and EUR) enabled and with a currency exchange rate between them different than 1., e.g.: 1 EUR = 1.1 USD and vice-versa.
2. Create a project p1 in USD and set "Planned Capital Cost" to a non-zero amount (e.g: 1000)
3. Create a project p2 in EUR and set "Planned Capital Cost" to a non-zero amount (e.g: 2000)
4. Create a program in USD.
5. Add the projects as subprojects to the program
6. Go to program Hierarchy > Financial Rollup.
7. p1's Planned Cost will show up as 1000. p2's Planned Cost will show up as 2200. No units are referenced in the portlet for any subproject.
8. Use the Export To Excel Data Only

Expected Result: p1's Planned Cost will show up as 1000. p2's Planned Cost will show up as 2200.

Actual Result: p1's Planned Cost will show up as 1000. p2's Planned Cost will show up as 2000.

DE37611
Minor Problem
Fixed in 15.4.1.0

Waterline views - manual change in Ranking

In Portfolios -> Waterline views, if we manually edit the ranking of an investment, the new ranking entered is automatically increased by 1.

STEPS TO REPRODUCE:

In waterline view for a portfolio with 10+ investments, edit the ranking of item # 9 and change it to 4.

Expected Results: New ranking of the investment is 4

Actual Results: New Ranking of the investment is 5.

Workarounds: Customers do have a workaround of dragging and dropping. But could cause issues if user is not paying attention.

DE37649
Major Problem
Fixed in 15.4.1.0

Failed DWH Trending jobs lead to orphaned FK and Load Data Warehouse - Full failure

Failed DWH Trending jobs lead to orphans and Load Data Warehouse - Full failure.

Steps to Reproduce:

1. Start the Create/Delete Trending job and fail it for any reason (interrupt it). For example start it, and hit Cancel mid way. Then delete the job instance. (Does not always work. Has to be stopped in a certain moment.)
2. Run the Load Data Warehouse job - Full Load.

Expected Results: the Load Data Warehouse job to run properly

Actual Results: The Load Data Warehouse job fails with error ORA-02298: cannot validate (PPM_DWH.DWH_TRD_INV_INVESTMENT_FK1) - parent keys not found or similar FK violation

Workaround:
#1 Delete the orphaned data with SQL query (has to update ALL the affected tablesor
#2 Refresh DWH with a new blank database (Important!!! will erase ALL existing trends!)

The issue happens because the Load Data Warehouse job is actually enabling ALL the constraints in the system. I would think it would be probably better to run CMN_ENABLE_CONSTRAINTS_SP for non-trending tables only. Otherwise what will happen is that if the Trending job is failing for any reason the other job will be dependent on it.

DE37736
Minor Problem
Fixed in 15.4.1.0

Different conversions rates for Budgeted Cost

Budgeted Cost currency conversion on Program Financial Hierarchy page is not correctly calculated.

STEPS TO REPRODUCE:

Customer has a Master program which uses Swedish Krona. Then a child Program 1 that is in Brazilian Currency and then another child project for program 1 which is also in brazilian currency.

A plan and budget cost have been created in the child project and these have the same value which is 5386 in Brazilian currency. When they roll up to Master Program in the Hierarchy - Financial Rollup (Basic View), the 'Planned cost' gets converted to Swedish currency correctly but the 'Budgeted Cost' currency conversion is wrong.

On the 'Detailed' view however the conversions are correct for both fields. If we remove the child project and add back, this still did not make any difference. The 'Budgeted Cost' value is stored as a blob in the fin_financials so we are not able to determine how this gets generated and stored in the 'BUDGET_CST_TOTAL' column.

DE37816
Major Problem
Fixed in 15.4.1.0

15.2 PPM DWH_CFG_AUDIT still has DWH_RES_SECURITY and DWH_INV_SECURITY

The following view in the DWH: DWH_CFG_AUDIT Still uses the following tables: DWH_RES_SECURITY and DWH_INV_SECURITY. Can this be cleaned up in a future PPM release as the tables are no longer used.

STEPS TO REPRODUCE:

Check the DWH and the following view: DWH_CFG_AUDIT is still using the following tables: DWH_RES_SECURITY and DWH_INV_SECURITY

Can these tables/views be cleaned up as the tables are no longer populated via the DWH job?

Expected Results: Tables should no longer be there if they are no longer populated.

Actual Results: Tables are still available within the DWH.

DE37891
Major Problem
Fixed in 15.4.1.0

Calculated Attribute is not getting added to the Portfolio Investment object

Calculated Attribute is not getting added to the Portfolio Investment object with the following error:
“was not added to the Portfolio Investment object because the following contributing attributes were missing: {1}”

Difficulty to implement our usual business indicators in the CA PPM solution.

STEPS TO REPRODUCE:

1. Log in as a Clarity Administrator user.
2. Administration, Studio: Objects, open the Project Object, Attributes tab
3. Create a new calculated attribute (MyCalculatedNumber01)
4. Click 'Save' button, then click "[Build Calculated Attribute]" to create a Formula. Select:
    a. Function "Divide"
    b. Argument 1 - Attribute Name 'Planned NPV (planned_npv)'
    c. Argument 2 - Attribute Name 'Planned Cost (planned_cst_total)'
5. Click 'Generate' button
6. Click 'Save and Return' button
7. Administration, Studio: Objects, open the Portfolio Investment Object, Attribute Registry tab
8. From the 'Available Attributes' box, look for 'MyCalculatedNumber01' and move it to 'Selected Attributes' box
9. Click Save

Expected Results: Gets added from the Available Attributes to Selected Attributes

Actual Results: Attribute does not get added to Selected Attribute with the following error:“ was not added to the Portfolio Investment object because the following contributing attributes were missing: {1}”

DE37900
Minor Problem
Fixed in 15.4.1.0

Action 'Synchronize Portfolio Contents' has disappeared

The action "Synchronize Portfolio Contents" has disappeared. Customer would like to know if something has changed? There have been changes in the code. Action "Synchronize Portfolio Contents" is missing for user without the 'Portfolio -Edit All' right. Once you grant that access right, everything is OK. The following defect was addressed as part of: DE28435 The synching would fail without the access right: Portfolio - Edit All access right so I would assume that the code changed due to that defect (DE28435) has possibly caused this?

STEPS TO REPRODUCE:

1. Go to Administration -> Resources -> go into a resource and remove the 'Portfolio – Edit All' right.
2. Log in as that resource
3. Go to Home -> Portfolios -> click on a portfolio
4. Go to the Portfolio Properties – General screen
5. Click on ‘Actions’ from the top right corner

Expected Results: To still see ‘Synchronize Portfolio Contents’ in the Actions drop down menu.

Actual Results: ‘Synchronize Portfolio Contents’ is missing from the Actions drop down menu.

Workarounds: They have create another process to synchronize portfolios, users can continue using this functionality, but is important because is better to use the system functionality.

DE37985
Cosmetic
Fixed in 15.4.1.0

Portfolio waterline calculation hangs when no constraint columns are selected for the view

In PPM 15.3, after creating a portfolio and adding investments to it, the waterline value can be calculated in the Waterline section tab. However, if each of the constraint columns (Planned Cost, Planned Capital Cost, Planned Operating Cost, Role Demand), and then the waterline value is calculated, the portlet hangs with the 'Loading...' animation and never completes. Additionally, the portlet list section remains blank (meaning no investments are listed).

STEPS TO REPRODUCE:

1. Navigate to Home > Portfolios and click New
2. For the creation options, just enter the required fields but make sure Dashboard View is set to PMO-Portfolio Investment Dashboard
3. Save and Return
4. Go to Contents Editor and click Add under Individual Investments
5. Add at least 20 projects to the Portfolio then run Sync Now
6. Wait until the sync finishes, then go to the Waterlines section tab
7. Click on the Configure for the portlet and move the fields Planned Cost, Planned Capital Cost, Planned Operating Cost, and Role Demand from the Selected Columns list to Available Columns
8. Save and Return, the bottom section of the portlet should say 'There are no constraint columns configured on the view.'
9. On the portlet header, click the dropdown arrow and then use 'Run Ranking Rules'
10. Click on the rectangle next to the dropdown arrow to calculate the waterline value

Expected Results: The waterline value is calculated. If the waterline value can't be calculated because no constraint column is selected for the view, then a message indicating that should be displayed.

Actual Results: The waterline value looks like it is being calculated, and the 'Loading...' animation is displayed but never completes. After refreshing the page, the portlet results are blank.

DE37995

Minor Problem

Fixed in 15.4.1.0

Investment OBS Does not work on the Capacity vs Demand by Role report

Investment OBS is not taken into account on the Capacity vs Demand by Role report. The report shows the same results regardless of the OBS Type and OBS Unit selected in the filter.

STEPS TO REPRODUCE:

1. Create a role
2. Create a resource and set their Primary Role to be the role from Step 1.
3. Create a new project with OBS unit 1 (dates: 12/1-1/31)
4. Staff the resource from Step 2 on the project from Step3 with 100% allocation
5. Create a second new project with OBS unit 2 (dates: 12/1-1/31)
6. Staff the resource from Step 2 on the project from Step4 with 100% allocation
7. Run the time slice job and wait for it to complete
8. Run the Load DWH job (Full Load) and wait for it to complete
9. Go to Advanced Reporting - Open the Capacity vs Demand by Role report
10. Run the report with all filters cleared and a Start Date of 12/1/2017
11. Take note of the results - The Demand amount includes the resource demand on both projects

12 Run the report again, but for the Investment Type and Investment OBS filters, select the OBS Unit 1 that Project 1 is using

Expected Results: The Demand value is half of what it was on Step 11, as only the demand on Project 1 should show on the report results

Actual Results: The Demand value is the same as it was on Step 11 - The Investment OBS filter parameter is ignored, and the results incorrectly include the demand from both Project 1 and Project 2.

DE38062

Minor Problem

Fixed in 15.4.1.0

ALERT An expired request has been detected. Request has been canceled

The customer is getting this error when opening IE or Chrome in their LAN anywhere in the CA PPM GUI:

ERROR: ALERT An expired request has been detected. Request has been canceled Expired Request An expired request has been detected while processing a request. To recover you should use the browser back button or PPM History to return to the previous page. Refresh it and try the request again. If the problem persists contact your system administrator and provide them with the following information: Request ID: Type of Error: Expired request

Please consult this knowledge Base article: TEC567263

STEPS TO REPRODUCE:

The customer can be working anywhere in CA PPM and he gets this message many times a day.
All the users and under working under any of the ca ppm options. q3wddrqdqwdqwdqqwxdqw3dqwdx

Expected Results:

Actual Results:

See also "A request has been denied as a potential CSRF attack" in KB Article: 000092928.

DE38192

Minor Problem

Fixed in 15.4.1.0

UI drop-down for opening in Scheduler in the new UX does not do anything if there is no Scheduler Format configured for the Project

The drop-down to open a Project in a scheduler (Workbench or Microsoft Project AND PPM Gantt) does not do anything in the new UX, not even displaying the PPM Gantt option, unless a Scheduler Format has an assigned (non-null) value.

STEPS TO REPRODUCE:

1* For any project, in the Classic UX, go to Project properties > Settings > Scheduler and make sure that "[--Select--]" is the selected option.
2* Go to the new UX and open the same project.
3* In the tasks tab, click the three-dot menu.

Expected Results: PPM Gantt option is displayed.

Actual Results: Nothing happens (not even a warning/error message) after clicking. Note that the classic UX displays Workbench and PPM Gantt even if there is no Scheduler Format assigned to the project.

DE38332

Major Problem

Fixed in 15.4.1.0

The auto-suggest feature is too slow when searching for a department OBS node FOR ORACLE

Steps to Reproduce:

1. Login to classic PPM as a Project Manager
2. Home > Projects > Any Project General Properties page
3. In the Department OBS field, start typing any valid ID from Department List

Expected: For auto-suggest to provide quick results.

Actual: For this test it took 9m 43s autosuggest to provide results. I tried the following Dept ID - 7XX3 - It took 9 min to auto-suggest an OBS.

DE38347
Cosmetic
Fixed in 15.4.1.0

PPMOP_15.3_DEFECT - ETC units displayed in hours instead of days on the PPM Gantt for projects participants

ETC units displayed in hours instead of days on the Gantt Chart for projects participants. Project participants cannot see their ETC, Actuals and other data in Days unit even if it is set as the System defaults. Even the user changes the setting to Days, the data still shows in Hours.

STEPS TO REPRODUCE:

Logged in as PPM Admin user in a CA PPM 15.3 instance.
Go to Administration --> Project Management --> Settings.
Checked that the "Default Display Unit for Work Effort" is set to Days. "Allow Effort Task Creation" was also checked. Now, I created a PPM user. I created a project which starts and ends on January 3, 2018.
Added the new resource as team member.
Added the following global rights to the user:
a) Project - Benefit Plan - Edit All
b) Project - Budget Plan - View All
c) Project - Cost Plan - Edit All
d) Project - Create from Template
e) Project - Edit Assigned Tasks - All
f) Project - Edit Chargebacks Information All
g) Project - Financial Plan - Submit All for Approval
h) Project - View Tasks - All
i) Projects - Navigate Logged out from PPM admin user. Logged in as the new user.
Go to Home --> Portfolio Management --> Projects.
Open that newly created project. Go to Task tab, and click on Task tab drop down. Only Task list and Gantt is visible. Due to the access rights, Resource Utilization and Assignments subpages are not visible. Open the project in PPM Gantt. Click on the "configure" cog wheel button.
From List Column Section, add ETC column in the Gantt view before the "schedule" column.
Go to the "Options" subpage, and see the "Work Effort Unit of Measure" is set to System Default (which is Days).
Click on Save and return to come back to the Gantt window.

Expected Results: In the ETC column, data should be showing in Days.

Actual Results: In the ETC column, data is displayed in Hours.

DE38429
Major Problem
Fixed in 15.4.1.0

Unable to save changes on a project if a dynamic lookup exists pointing to a subobject and parent child object processes exist on the system

Once the setup is done you cannot save changes to a project. (Note: Might be related to: CLRT-81535.)

STEPS TO REPRODUCE:

1. Go to Studio > Objects > Create a new subobject of the project object called mysubobject
2. Make it event enabled.
3. Go to Administration > Data Administration > Lookups
4. Create a dynamic query called Mylookup with query as follows:

SELECT @SELECT:ID:ODF_PK@,@SELECT:CODE:CODE@,@SELECT:NAME:NAME@ FROM odf_ca_mysubobject WHERE @FILTER@

Link the lookup to the mysubobject object
5. Go to Studio > Objects > Project object
6. Create a custom attribute called MyLkp pointing to the Mylookup lookup field l
7. On the project object views, add the custom field to the General view. (Layout-Edit --> Project summary)
8. Create a project (Myproject) and go to the Mysubobject list
9. Create a couple of instances.
10. On the project general page, you now see the MyLkp field.
11. You can choose a value as per the subobject instances created. Everything is fine.
12. Go to Administration > Data Administration > Processes
13. Create a process called My_proj_process with the project as primary object
14. Add a linked object and select the MyLkp attribute
15. Give any auto-start condition and validate the process. The condition is not important, just the fact of the process being active
16. Go to Administration > Data Administration > Processes
17. Create a process called My_sub_process with the mysubobject as primary object
18. Add a linked object and select parent project object
19. Give any auto-start condition and validate the process. The condition is not important, just the fact of the process being active
20. Go back to MyProject and click on save.

Expected Results: Saving action to be successful
Actual results: Error pops up: Unable to communicate to PPM server. Please try again.

DE38494
Minor Problem
Fixed in 15.4.1.0

Portfolio Reports do not seem to utilize Portfolio Manager Filter

Portfolio Reports included with the PMO Accelerator (Portfolio Plan Changes, Portfolio Plan Changes - Waterline and Rank, and Portfolio Plan Comparison) do not seem to utilize the Portfolio Manager filters.

STEPS TO REPRODUCE:

1- logged in to Clarity
2- click on home -> portfolio management -> portfolios and select a portfolio from the list with multiple managers.
3- next login to advance reporting
4- open portfolio reports i.e Portfolio Plan Changes
5- opened report without any filtering criteria
6- confirmed that the report opened successfully
7- next filter by specifying any portfolio manager listed in step 2 manager which we had confirmed existed in PPM

Expected Results: reports should run and filter the data based on selected portfolio manager

Actual Results: no data is returned; the report fails to populate with any data and gives message "no data available for matching criteria"

DE38542
Minor Problem
Fixed in 15.4.1.0

'Set Allocation' functionality in Service => Team - Staff page does not work when Team object attribute - 'Default Allocation' => 'Default Value' is set to 0%

End users are unable to set new allocations for all resource at one go, so can be time-consuming to manually enter these for each resource on Staff Member Properties page.

STEPS TO REPRODUCE:

1. Open Team object from CA PPM Administration page and set the Default Allocation attribute - 'Default Value' to 0%
2. Create an instance of a Service (1 Jan 2018 - 31 Dec 2018) and and allocation 3 labor resources in the Team - Staff page
3. Change their Default Allocations to 100% in the Team - Staff Member Properties page and click 'Save And Return' button.
4. In the Service => Team - Staff page, select all three resources then from the 'Actions' drop down list, click on 'Set allocation'
5. On the 'Set Allocation' page, enter a New Allocation Segment. For example, 1 Jan 2018 - 31 May 2018 with 0% Allocation. Click on 'Save' button.
6. You get an alert message on the top of the page as follows: 'The selected resources have been updated'. Click 'Return' button to go back to Team - Staff page

Expected Results: The entry made in the 'Allocation Segment' in step 5 should be reflected in the 'Allocation' and 'Average Allocation %' fields on the Team - Staff page

Actual Results: There are no changes to the 'Allocation' and 'Average Allocation %' fields on the Team - Staff page.

DE38563
Cosmetic
Fixed in 15.4.1.0

PPMOP_15.3_DEFECT - Value shifts during inline editing in a TSV if the Start date type is Other Date and set as START and Time period offset is not zero

Users are unable to use the TSV and its features properly for a specific setting.

STEPS TO REPRODUCE:

Login to CA PPM 15.3 as an Admin user.
Create a new project with start date January 1, 2018 and End date as June 30, 2018.
Add a resource in TEAM tab for that project.
Go to the "Team - Detail" subpage from the Project's Team tab.
Click on the cog wheel button to configure the "Time-Scaled Value".
Select the radio button for "Other Date" for the Start Date and select START from the drop-down list.
IMPORTANT: Be sure to configure 'Other Date'Set the Number of Time Periods as 12. Time Period Offset will be 2.
IMPORTANT: Be sure it is NOT set to Zero(0)Click Save and Return.
In the Team - Detail page, the "Allocation By period" TSV will show from March 2018 (assuming the Time Scale for that Virtual field is set as "Month").
Click on the March 18 column to edit the Allocation for that month.
Once the Allocation box is editable, input 50 and hit ENTER.
Click Save.

Expected Results: Allocation for the March 2018 column will be saved as 50.

Actual Results: The value 50 gets shifted 2 columns forward, and May 2018 column gets updated with 50.

WORKAROUND: Change session Time-Scaled Value configuration to use other options that will not cause this issue.

DE38597
Minor Problem
Fixed in 15.4.1.0

Adding and editing a TSV in the Resource list generates an HTTP 500 error

STEPS TO REPRODUCE:

1* Create a new Time Varying (number) attribute in the Resource object.
2* Go to Home > Resources and click on Options > Configure.
3* Go to List Column Section > Fields > New and select "Time-Scaled Value"
4* Configure the TSV to include 1 period, "Start of Next Year", Save.
5* After saving, select option "Allow editing".
6* In the Resource list, for any row, enter a value and then Save.

Expected Results: The value is saved and displayed back.

Actual Results: Right after clicking on Save the value will disappear and after double clicking on the same row, an HTTP 500 internal server error will appear.
NOTE: Applying same STR but using the Project object will not reproduce this issue; looks like it may not affect all objects.

DE38603
Major Problem
Fixed in 15.4.1.0

Attempts to upload an attribute longer than the 20-character limit on the project object via XOG has corrupted the project object

After attempting to XOG in 22-character custom attribute and update the risk formula field the xog fails with:
XOG-3360: Custom attribute record has not been inserted. SQL Exception with error code : 12899- custom attribute xxx_rc_interdependency is 22 Characters

- The risk formula field has restriction of 20 characters
- Update to the risk formula field fails due to 20 character limit
- The database partially gets updated and it causes corruption
- Tried to re-install LOD project object via pmo add-in not successful

STEPS TO REPRODUCE:

1) On PPM 15.3 vanilla system
2) XOG in customer input file project_rcf.xml
3) Go to Administration > Object > Project or Home > Projects

Expected Results: The custom attributes are available in the UI

Actual Results: XOG has corrupted the project object.

DE38608
Minor Problem
Fixed in 15.4.1.0

After adding calculated Aggregated attribute to the project list it is taking very long time for project list to populate

Customer created calculated aggregated attribute on the project object and placed it on the project list. After that it is taking way to long and in many cases it is timing out. This issue occurred in an environment with over 8000 status reports across 150 projects.

STEPS TO REPRODUCE:

1. Navigate to Admininstration->Studio->Objects and select project object
2. Click on Attributes tab and click on New
3. Create Aggregated Attribute as below:
   Attribute Name = Overall Status
   Attribute ID = jfs_overall_status
   Data Type = Aggregated
   Current Expression = AGG_Max(cop_prj_statusrpt.cop_overall_status)
   Filter ((Status Report Report Status = 'Final') and Status Report Report Date = Maximum of Status Report Report Date)
4. Click Save to create new attribute
5. Navigate to Home->Projects and click on Configure
6. Add newly created attribute to the list, notice how long it takes for project list to populate Please note it is not something i was able to reproduce on Vanilla, because of the number of status report instances available in the environment.

Expected Results: project list to populate in the reasonable time.

Actual Results: it takes about 15 minutes for project list to come up.

DE38750
Minor Problem
Fixed in 15.4.1.0

About setting change of plan cost when shifting the period backward in the portfolio plan

When we delay the duration on portfolio plan then the role demand becomes back but the cost plan does not become back and it is uniform.

When we delay the duration for a project on the waterline of portfolio then the role demand becomes back but the plan cost does not become back and it is uniform.

STEPS TO REPRODUCE:

1. Create a project Start Date : Apr 1st 2017 Finish Date : Nov 30th 2017
2. Add a role on the project
3. Create a cost plan Start Period : 2017/11/01-2017/11/30 Finish Period : 2019/03/01-2019/03/31 Create Cost Plan Details.
4. Create a portfolio Add the project as investments. Planned Capital Cost is same as Project Capital value. Planned Operating Cost is same as Project Operating value. Waterlines
5. Change the start date from Apr 1st 2017 to May 1st 2017. Aggregate : Role Demand 1 month changed and the value is same. Aggregate : Planned Cost Aggregate : Planned Capital Cost Aggregate : Planned Operating Cost Start period is changed and the value is also changed.

Expected Results: For Planned Cost, Planned Capital Cost and Planned Operating Cost, the result is same as Role Demand when I change the start date from Apr 1st 2017 to May 1st 2017.

Actual Results: For Planned Cost, Planned Capital Cost and Planned Operating Cost, Start period is changed and the value is also changed.

DE38816
Cosmetic
Fixed in 15.4.1.0

Role names are getting truncated

When adding a new role, the Role Name allows up to 100 characters to be entered. But, the Role Name is always truncated to 32 characters on the following pages: Select Role, Resource List (in the Primary Role attribute), Resource Properties (in the Primary Role attribute).

STEPS TO REPRODUCE:

1) From HOME -> Resources, add a New Role. In the Role Name, enter a name that is longer than 32 characters.
2) From HOME -> Resources, open any Resource.
3) In the Primary Role attribute, use the Browse to open the Select Role window. Note that the Role Name added in step 1 was truncated to 32 characters. Select the Role you added in step 1 and press Add. Note that the Role Name is also truncated in the Primary Role attribute of Resource Properties page.
4) Press Return to go back to the Resource List. Note that the Primary Role attribute is truncated to 32 characters on this page as well.

Expected Results: Since you are able to enter up to 100 characters in the Role Name when adding a new role, the Primary Role should not be truncated to 32 characters on the Select Role, Resource List, or Resource Properties pages.

Actual Results: The Primary Role is truncated to 32 characters on the Select Role, Resource List, or Resource Properties pages.

DE38836
Minor Problem
Fixed in 15.4.1.0

Health Report - Invalid Database Objects

When the Datamart Extraction job is executed, the health check report shows up with 3 invalid objects which are Stored Procs related to DME job.

STEPS TO REPRODUCE:

1. Login to CA PPM
2. Administration - Health check report - Summary tab
3. In Database Category, check if there are any invalids. If there are any, compile the objects to make it valid.
4. Once there are no invalids (or atleast no objects related to Datamart), run the Datamart Extraction job
5. Once DME completes, run Datamart Rollup
6. Navigate back to Health check report under administration

Expected Results: There are no invalids under DB category

Actual Results: The Health check report shows 3 invalids.

The below query returns the records showing 3 SP related to Datamart.

```
select * from user_objects where status != 'VALID'  NBI_EXTRACT_SP NBI_EXTR_PCF_SP NBI_PROJECT_CURRENT_FACTS_SP
```

DE38843
Minor Problem
Fixed in 15.4.1.0

Rate Matrix allows spaces after the resource/resource role/location/transaction class causing not to accept proper rate

When creating a new row for the data matrix, a resource can be entered with additional spaces, and this makes the rate not to be found for the intended resource (for example, "admin" != "admin "). It is also difficult to identify at a glance which rows have additional spaces as they are not visible - although they can still be observed by selecting the whole cell text.

STEPS TO REPRODUCE:

1* Go to Administration > Finance > Manage Matrix, click New
2* Fill in the details for the rate matrix except the resource
3* For the resource, try either a or b:
  a* Using the binoculars, select a resource (e.g.: "admin"), select "Add" and then add one or more blank spaces after the ID ("admin ")
  b* Type "admin " (including one or more blank spaces after the ID)
4* Click Save and Return

Expected Results: The blank spaces are not saved or an error is displayed (REVMGR-20187:Resource code is not valid.), as "admin " is not valid resource ID.

Actual Results: Blank spaces are saved and row is inserted in the matrix. Rates for that row are not found as do not match resource ID ("admin" != "admin "). Same can be reproduced with Resource Roles, Locations, and Transaction Classes.

DE38853
Major Problem
Fixed in 15.4.1.0

Data Warehouse Incremental job performance on large datasets (Oracle)

The Load Data Warehouse - Incremental is taking much longer than the Full Load.

STR:

1. On a large database (500 GB), run Load Data Warehouse - Full - takes about 900 min
2. Now run Load Data Warehouse - Incremental - it will take about 1200 minutes

Expected Results: Incremental to take much less time than Full.

Actual Results: Incremental takes more time (about 1000-1200 minutes).

DE39047
Major Problem
Fixed in 15.4.1.0

Create DWH Trend job fails with error ORA-01841: (full) year must be between -4713 and +9999, and not be 0 or ORA-01722: invalid number due to View columns position

STR:
1. Issue might be related to a specific customer database or configuration details not available here. Contact CA Support for more details about this resolved issue.
2. Run Create DWH Trend job

Expected Results: job to run fine

Actual Results: Error message: ORA-01841: (full) year must be between -4713 and +9999, and not be 0orORA-01722: invalid number.

DE39058
Cosmetic
Fixed in 15.4.1.0

Ideas visible to wrong sec obs

[CONVERTED FROM CASUP 00922795.]

STEPS TO REPRODUCE:

1. Resource 'Admin' belongs to Group 'GROUP-1'
2. Group 'GROUP-1':
  - OBS Unit Access Rights:
    Idea - Edit for OBS Unit 'Security OBS:Confidential'
    Idea - View for OBS Unit 'Security OBS:Confidential'
    Idea - Edit for OBS Unit 'Security OBS:IT'
    Idea - View for OBS Unit 'Security OBS:IT2'
  - Global Access Rights:
    Idea - Create Idea - Navigate
3. Resource 'Admin' belongs to 'Security OBS:'=/NODE-1
4. Security OBS: Used for Access Rights Associated with Idea object
5. Open one of those Ideas. Check properties -> Full View: filter by user name = Admin, the user is found.
6. Click on the Key Icon. It shows: Idea - Create granted throrugh Group 'GROUP-1' Global Idea - Navigate granted throrugh Group 'GROUP-1' Global
7. Login to the PPM application with user 'admin'
8. Navigate to Idea List
9. Observe idea

Expected Results: User should not be able to see Ideas that have OBS 'Security OBS'=/NODE-1

Actual Results: User sees the ideas that have OBS 'Security OBS'=/NODE-1

DE39141
Major Problem
Fixed in 15.4.1.0

Allocations are Zeroed out in MSP for Equipment and Material Resources and Roles

STEPS TO REPRODUCE:

1. Install the MSP New Driver and create an equipment resource (also reproducible with equipment role, material role, or material resource).
2. Set the Availability to 1 on the Resource Properties in PPM
3. Create a project and allocate the Equipment Resource to the project
4. The Equipment resource has a non-zero allocation:
5. Export the project to MSP Note: by MSP design, non labor resource/roles have no Max Units and no availability in MSP

Expected Results: Since we made no changes in MSP, the resource allocations should remain the same as they were in Step 4

Actual Results: The allocations are now 0

DE39151
Cosmetic
Fixed in 15.4.1.0

Unable to add Template Task External ID into a process where the project primary object has a template associated due to an expired request alert

Unable to add the "Template Task External ID" into a process where the project primary object has got a template associated due to an Expired request Alert

STEPS TO REPRODUCE:

1. Ensure your system is configured correctly to respond to CSRF attacks: tokenCacheStrategy="session" is on your applicationServer node in your properties. xml fileMake sure there is not a testMode=true program parameter on your app server instance. Make sure you do not have a tokenCacheCapacity element on your applicationServer node. Restart your system if any changes are necessary.
2. Go to Administration > Data Administration > Processes
3. Create a new process where primary object is project and associate any project template
4. Ignore auto-start options and go to the start step
5. Create an action > system action
6. Ensure the Action is "Copy Task WBS from Template"
7. Click the binoculars icon for the "Template Task External ID"

Expected: The browse option should show list of "Template Task External ID"

Actual: You get an error: Expired request Alert: An expired request has been detected. Request has been cancelled.

DE39197
Minor Problem
Fixed in 15.4.1.0

PPMOD_15.3_DEFECT - Date range filter field not working properly in custom object based portlet

Users unable to use the filters for custom portlets.

STEPS TO REPRODUCE:

1. Create 2 attributes of DATE type under that Object. Name the attributes as "Go Live from" and "Go Live to". (for example)
2. Add both of these attributes under the Edit Layout view of that Custom Object. Create a new grid portlet selecting the newly created custom object as data source. So, this is an Object based portlet.
3. Now, go to the List column section and add the following attributes: Name, ID, Go Live from, Go Live to, Created by.
4. Save and go to the List Filter section.
5. Add the following attributes in the filter layout: Name, ID, Go Live from and Go Live to. Save the changes and go to the Fields subpage under the List filter section. Change the Display type to Date Range for both Go Live from and Go Live to fields. Save the changes.
6. Open the "Overview" portlet page and add a new tab there.
7. Add the newly created portlet in that tab. Save the changes. Create a custom object which will be a sub-object of Project.
8. Go to Home > Projects and open any of the existing projects. Go to the Subobject list page and start creating 4 or 5 instances for that sub-object.
9. For every instance, fill up the "Go Live from" and "Go Live to" dates. Now, go to the PPM home page, and navigate to the new Tab. The portlet, we created, should be there. Expand the filter section. "Go Live from" and "Go Live to" fields would be there as Date ranges.
10. Select the "Go Live from" range in the filter section in such a way that you can sure which instances will fall within that.
11. Click on Filter.

Expected Results: Those instances are returned which are having "Go Live from" dates withing that range mentioned in the filter.

Actual Results: Either no rows are returned or all the rows that are having "Go Live from" dates within the given range are not returned.

DE39282
Minor Problem
Fixed in 15.4.1.0

In the MSP New Driver, Actual work entered on a Saturday or Sunday gets pushed out to the next day

In the MSP New Driver, Actual work entered on a Saturday or Sunday gets pushed out to the next day. This also pushes out dates of tasks in MSP if the end date was a Saturday or Sunday where last actuals were entered.

STEPS TO REPRODUCE:

1. In PPM create a new project, open for time, with track mode of PPM.
2. Add one resource to the team.
3. Create a task and assign the team member to the task.
4. Go to the resource’s timesheet, and submit 3 hours of time on a Saturday (Example 10/21/17).
5. Approve the timesheet.
6. Wait 5 minutes then run the Post Timesheets job in order for the actuals to be posted.
7. Export the project to MSP.
8. Add Actual Work to a Task Usage Timescale view and view the actual work for 10/21 and 10/22.

Expected Results: 3 hours show for 10/21.

Actual Results: 2 hours show for 10/21, and 10 hours show for 10/22 This also happens if you submit time on a Sunday, some of the actual work gets pushed out until Monday.

DE39375
Cosmetic
Fixed in 15.4.1.0

Project Earned Value Report Query: The PRJ_EV_HISTORY table has multiple records for the same Period Interval

STEPS TO REPRODUCE:

1. Run the following query that is run by the ' Project Earned Value' Jaspersoft report in the PPM database for one project.
 -- Environments might have many projects with this issue, this is just an example project:

```
SELECT i.id AS project_id,
i.code AS project_code,
evpd.period_type AS period_type,
ev.period_number AS period_number,
ev.period_start_date AS period_start_date,
ev.period_end_date - 1 AS period_end_date,
ev.bac AS bac,
ev.etc AS etc,
ev.itd_bcws AS itd_bcws,
ev.itd_acwp AS itd_acwp,
ev.itd_bcwp AS itd_bcwp
FROM inv_investments i
INNER JOIN inv_projects pv ON i.id = pv.prid
LEFT OUTER JOIN cmn_lookups_v l2 ON i.progress = l2.lookup_enum
AND l2.lookup_type = 'INVESTMENT_OBJ_PROGRESS'
AND l2.language_code = 'en'
LEFT OUTER JOIN cmn_lookups_v l3 ON i.status = l3.lookup_enum
AND l3.lookup_type = 'INVESTMENT_OBJ_STATUS'
AND l3.language_code = 'en'
LEFT OUTER JOIN srm_resources m ON i.manager_id = m.user_id
INNER JOIN evm_period_defs evpd ON pv.ev_period_id = evpd.id
LEFT OUTER JOIN (SELECT epd.id,
CASE WHEN epd.period_type = 1 THEN 'W'
WHEN epd.period_type = 2 THEN 'M'
WHEN epd.period_type = 3 THEN 'Q'
WHEN epd.period_type = 4 THEN 'A' END pd
FROM evm_period_defs epd) pdnm ON evpd.id = pdnm.id
LEFT OUTER JOIN prj_ev_history ev ON i.id = ev.project_id
AND ev.object_type = 'PROJECT'
WHERE i.id =5021196
```

OR simply run:

```
select * from prj_ev_history
 where object_type = 'PROJECT'
 and project_id = 5021196
 order by period_start_date
```

Expected Results: Only one row per period is returned in the query.

Actual Results: Various periods have multiple rows returned. For example, the weekly periods of 11/12/2017 to 1/7/2018 each have 5 rows and the period of 1/14/2018 has 4 rows.

DE39391
Minor Problem
Fixed in 15.4.1.0

Datamart Extraction Job is failing

Converted CASUP to DEFECT
00961203-Datamart Extraction Job is failing in on-premise PPM 15.3 environments with Oracle databases.

The datamart extraction has never completed on DEV environment and fails with error:

java.sql.SQLException: [CA Clarity][Oracle JDBC Driver][Oracle]ORA-20000: Error in NBI_EXTRACT_SP - Executing NBI_EXTR_PCF_SP: ORA-20000: Error in NBI_EXTR_PCF_SP - executing NBI_PROJECT_CURRENT_FACTS_SP: ORA-20000: Error in NBI_PROJECT_CURRENT_FACTS_SP - Calling NBI_PROJECT_FORECAST_SP since there are projects with Forecast: ORA-00001: unique constraint (CLARITY.NBI_PROJECT_CURRENT_FACTS_PK) violated

===================================
1. Obtain the CA PPM 15.3 dataset TEST_APP_SERVER: XXNAT:70000 Server: clarityNNN.ca.com
            Username/password HIDDEN/niku SID: clarity Port: 15X1 Browser: http://NN-NAT:60201
2. We are able to reproduce the error: the table NBI_PROJECT_CURRENT_FACTS does not populate even though it has data in the view. The job has never completed as the Administration > Datamart Settings currency shows not as read-only.
3. Tried to run the stored procedure (NBI_PROJECT_CURRENT_FACTS_SP) directly on the database but same error
4. We tried to find duplicate plan of records but none exist.

Expected: NBI_PROJECT_CURRENT_FACTS table populates.

Actual: NBI_PROJECT_CURRENT_FACTS table does not populate.

DE39437
Minor Problem
Fixed in 15.4.1.0

NEW UX: Heat Map tag is not displaying under the correct color

When hovering over Heat Map, the tag is not displaying under the correct color.

STEPS TO REPRODUCE:

1. Log into New UI
2. Click on Staffing icon
3. Click on Settings
4. On the Heat Map section > Hover Over the colors

Expected Result: When hovering over the Heat Map colors, the 'Under/Over Allocated' tag should display a specific color.

Actual Result: When hovering over the colors, the 'Over/Under Allocated' tag remains as is on the left.

DE39438
Minor Problem
Fixed in 15.4.1.0

NEW UX: Resource initials on staffing page, the beginning of the name is cut off

When hovering over the initials for a resource on the Staffing page, the beginning of the name is cut off.

STEPS TO REPRODUCE:

1. Log into New UI
2. Click on staffing icon
3. Click on a resource with a long name
4. Hover over the resource initials

Expected Result: The full name should appear.

Actual Result: The beginning of the name is cut off.

DE39522

Major Problem

Fixed in 15.4.1.0

XOG Error in Benefit Plan: java.lang.ClassCastException: com.niku.xmlserver.blob.NkCurve cannot be cast to com.niku.xmlserver.blob.FiscalCurve

XOG Error in Benefit Plan after modifying StartPeriod or FinishPeriod:
- java.lang.ClassCastException: com.niku.xmlserver.blob.NkCurve cannot be cast to com.niku.xmlserver.blob.FiscalCurve

STEPS TO REPRODUCE:

1. Navigate to Financial Plans-)Benefit Plans
2. Created new benefit plan called B1 with Period Type = Monthly, Start Period = Jan 1, 2017-Jan 31, 2017 and Finish Period = Dec 1, 2017-Dec 31, 2017
3. Click on Detail tab and click on Add, Description = Test, Benefit Class = Reduce Cost, Benefit Subclass = Headcount
4. Now click on Return to go back to Benefit Plan list
5. Check flag for B1 plan and click on Actions in the upper right hand corner and click on Copy Benefit Plan
6. While Copying Benefit Plan change Finish Period to Dec 1, 2018-Dec 31, 2018 and click on Save.
7. Now that you created a copy of the benefit plan from step 6 above, you need to xog out that plan using input file below:

```
(?xml version="1.0" encoding="UTF-8"?)
(NikuDataBus xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="../xsd/nikuxog_read.xsd")
(Header version="13.0" action="read" objectType="benefitPlan" externalSource="NIKU"/)
(Query)
(!-- (Filter name="name" criteria="EQUALS")Copy of DITL Benefit Plan(/Filter)
(Filter name="code" criteria="EQUALS")Copy of DITL Benefit Plan(/Filter) --)
(Filter name="investmentCode" criteria="EQUALS")Antonio(/Filter)
(Filter name="name" criteria="EQUALS")Copy of B1(/Filter)
(/Query)
(/NikuDataBus)
```

8. You should get an output like below:

```
(NikuDataBus xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="../xsd/nikuxog_benefitPlan.xsd")
(Header action="write" externalSource="NIKU" objectType="benefitPlan" version="15.3.0.200"/)
(BenefitPlans)
(BenefitPlan code="Copy of b1" finishPeriod="Dec 1, 2018-Dec 31, 2018" investmentCode="Antonio" investmentType="project" name="Copy of B1"
periodType="MONTHLY" revision="0" startPeriod="Jan 1, 2017-Jan 31, 2017")
(Description/)
(Details)
(Detail detailName="test")
(Benefit/)
(ActualBenefit/)
(CustomInformation)
(ColumnValue name="obj_benefit_class")class01(/ColumnValue)
(ColumnValue name="partition_code")NIKU.ROOT(/ColumnValue)
(ColumnValue name="obj_benefit_subclass")subclass02(/ColumnValue)
(/CustomInformation)
(/Detail)
(/Details)
(CustomInformation)
(ColumnValue name="partition_code")NIKU.ROOT(/ColumnValue)
(/CustomInformation)
(/BenefitPlan)
(/BenefitPlans)
(/NikuDataBus)
```

9. Now add segment to the detail section of your plan you just xogged out and it should look like this

```
(NikuDataBus xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="../xsd/nikuxog_benefitPlan.xsd")
(Header action="write" externalSource="NIKU" objectType="benefitPlan" version="15.3.0.200"/)
(BenefitPlans)
(BenefitPlan code="Copy of b1" finishPeriod="Dec 1, 2018-Dec 31, 2018" investmentCode="Antonio" investmentType="project" name="Copy of B1"
periodType="MONTHLY" revision="0" startPeriod="Jan 1, 2017-Jan 31, 2017")
(Description/)
(Details)
(Detail detailName="test")
(Benefit)
(segment finish="2017-01-31T00:00:00" start="2017-01-01T00:00:00" value="0"/)
(/Benefit)
(ActualBenefit/)
(CustomInformation)
(ColumnValue name="obj_benefit_class")class01(/ColumnValue)
(ColumnValue name="partition_code")NIKU.ROOT(/ColumnValue)
(ColumnValue name="obj_benefit_subclass")subclass02(/ColumnValue)
(/CustomInformation)
(/Detail)
(/Details)
(CustomInformation)
(ColumnValue name="partition_code")NIKU.ROOT(/ColumnValue)
(/CustomInformation)
(/BenefitPlan)
(/BenefitPlans)
(XOGOutput)
(Object type="BenefitPlans"/)

(Status state="SUCCESS"/)
(Statistics insertedRecords="0" failureRecords="0" totalNumberOfRecords="1" updatedRecords="0"/)
(Records/)
(/XOGOutput)
(/NikuDataBus)
```

10. Attempt to XOG it back in and you get an error below:

```
(NikuDataBus)
(Header action="write" externalSource="NIKU" objectType="benefitPlan" version="15.3.0.200"/)
(XOGOutput xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="../xsd/status.xsd")
(Object type="benefitPlan"/)
(Status elapsedTime="0.266 seconds" state="FAILURE"/)
(Statistics failureRecords="1" insertedRecords="0" totalNumberOfRecords="1" updatedRecords="0"/)
(Records)
(Record)
(KeyInformation)
(column name="externalSource")NIKU(/column)
(/KeyInformation)
(ErrorInformation)
(Severity)FATAL(/Severity)
(Description)com.niku.xmlserver.blob.NkCurve cannot be cast to com.niku.xmlserver.blob.FiscalCurve
java.lang.ClassCastException: com.niku.xmlserver.blob.NkCurve cannot be cast to com.niku.xmlserver.blob.FiscalCurve
```

Expected Results: To successfully XOG benefit plan that has start period or finish period modified in XOG file.

Actual Results: Users cannot use a process that modifies a benefit plan.

FATAL(/Severity) (Description)com.niku.xmlserver.blob.NkCurve cannot be cast to com.niku.xmlserver.blob.FiscalCurve java.lang.ClassCastException: com.niku.xmlserver.blob.NkCurve cannot be cast to com.niku.xmlserver.blob.FiscalCurve

DE39539
Major Problem
Fixed in 15.4.1.0

Timesheet hours for Application Incidents not showing n Portlets and Reports

Incident Actual Hours are not available for reporting or in and of the TSV portlets. This is the same on any type of NPIO.

Steps to Reproduce:
1. Associate an incident with an NPIO. I used Application.
2. Assign resource to team and make sure they have the rights to post time to the associated incident
2. Have resource enter time to the incident.
3. Approve and post timesheet
4. Check application
5. Go to Team Detail and configure the TSV to show Incident Actuals

Expected Result: Incident Actuals show in TSV

Actual Result: Incident Actuals do not show in TSV. Incident Actuals are not available for reporting anywhere especially in DWH.

Workaround: There is no work around available. CA Support can provide an NSQL query portlet to at least show the incident actuals, but this does not help with any of the OOTB potlets for capacity or resource planning.

DE39589
Major Problem
Fixed in 15.4.1.0

Generate invoices job fails

Converted from CASUP 00968035-Generate invoices job fails into a DEFECT.
The Generate Invoices Job fails with the following error:

```
ERROR 2018-02-20 10:24:21,921 [Dispatch Generate Invoices-PGT : bg@RTNNN29 (tenant=clarity)] niku.njs (clarity:P4GUNN:14629005__19AE8EDE-3898-4DE1-AC6D-29E00F7A95DE:Generate Invoices-PGT)
Error executing job: 5612173 java.lang.Exception: invalid transaction id found:Processing adj_transno : [5086337] details : [{}] chargeback_type - C : debit_id - transId[0] c_trans_id :
[5767695] at com.niku.revenue.chargeback.invoice.TransactionUtils.generateAdjustmentsImpl(TransactionUtils.java:339)
```

STEPS TO REPRODUCE:

1. DB Info: RESTORE-PPM (14.3.0.10.28 (Patch 10))
2. Run the Generate Invoices job in the above environment

Expected Results: Generate Invoices job runs.

Actual Results: Generate Invoices job fails. (Issue is only reproducible with the customer data. We changed the Investment Financial Type to 'Internal' for the project that invoice isn't generating for, but that didn't make a difference.)

DE39599
Minor Problem
Fixed in 15.4.1.0

New Project Button in New UX Appears Even if User Doesn't Have Project Create Permissions

STEPS TO REPRODUCE:

1. Create a new user in PPM with the *Project Management - Navigate* global access right.
   (Important: The user does NOT have *Project - Create* or *Project - Create from Template* access rights.)
2. Log in to the PPM New UX as the user created above. This should take you directly to the New UX Projects page.

Expected Results: New Project button is not visible since the user does not have access to create new projects.
Actual Results: New Project button is visible.

DE39606
Cosmetic
Fixed in 15.4.1.0

New UI > Applications > Time Entry User Lookup Field 1 shows inactive values

The New UI Timesheets does not display the Lookup > Time Entry User Lookup field 1 correctly as it is set in the Classic UI.

STEPS TO REPRODUCE:

1. Classic UI > Home > Application. Create an application. Assign a resource to the team
2. Classic UI > Administration > Lookups > Time Entry User Lookup field 1 (PRTIMEENTRY_USER_LOV1).
   Click Values tab Enter 4 values, e.g. val1 val2 val3 val4 and make the values active and make 1 value inactive.
3. Log in to New UI > Timesheets as the resource assigned to the application. Enter time on the application.
4. Review the lookup values in the User Value 1 field.

Actual: New UI shows all lookup values, even if inactive.
Expected: New UI should only show active lookup values.

DE39624
Major Problem
Fixed in 15.4.1.0

Reports scheduled from Reports and Jobs fail after a period of time

Default system and custom reports scheduled on the Reports and Jobs page run and suddenly the reports start failing. Custom reports are running against the transactional DB. The error message received when the reports fail:

The log error is: ERROR 2018-01-30 13:20:14,541 [Thread-212004] niku.njs (clarity:me1:21099943__D909634C-4F32-40BE-A89B-F6ADXX66FE9:none) Error during adding file to DMS. com.niku.union.exceptions.DMSException: Document already exists:Capacity_vs_Demand_by_Resource_recurrence_1335989 9.pdf

STEPS TO REPRODUCE:

1. Navigate to Home>Reports and Jobs
2. Select a report from the list.
3. Select Scheduled and uncheck Immediately under When.
4. Select today's date and time for the start date
5. Scroll down and select Set Recurrence
6. Set the report to run via crontab, customer used "*/15 * * * *" to run every 15 minutes.
7. Submit the scheduled report.

Expected Results: Scheduled reports run every 15 minutes until paused or canceled.

Actual Results: Reports run as expected for a period of time, then fail. Once the scheduled report fails, it continues to fail.

DE39644
Major Problem
Fixed in 15.4.1.0

PPM URL with reportservice endpoint is allowing cross-Site Scripting

This security issue has been resolved in this release.

DE39663
Major Problem
Fixed in 15.4.1.0

Load Data Warehouse job failed after changing maximum size on the string attribute

STEPS TO REPRODUCE:

1. Create custom master object and check Include in the Data Warehouse flag
2. Create Test string type attribute with maximum size 20 and check Include in the Data Warehouse flag
3. Create at least one instance of the custom object and populate Test attribute created in the step 2 with data
4. Run Load Data Warehouse job with Full sync mode
5. Once job completes successfuly go back and update maximum size for Test attribute created in step 2 to 80 and click on Save.
6. Now go to the custom object instance created in step 3 and now update String value to something 80 characters long.
7. Run Load Data Warehouse job in Full sync again and observe that it fails.

Expected Results: Load Data Warehouse job should succeed

Actual Results: Load Data Warehouse job fails

DE39748
Major Problem
Fixed in 15.4.1.0

Cannot filter in Staffing module in the New UI when using an Ampersand '&'

STEPS TO REPRODUCE:

1. Log into PPM and go to the New UI
2. Go to the Staffing page
3. In the Resource-to-Investments, Investments-to-Resources, or Requests grids, enter something containing an ampersand, but that does not begin with an ampersand (Example: R & S, or M & A)

Expected Results: Results are returned if there are any that include 'R & S' in the name. If no results, No results found.

Actual Results: The following error is thrown and the list is not filtered: API-1006 : The value ''R' for Attribute 'queryString' is not in expected format or is invalid.

DE39760
Major Problem
Fixed in 15.4.1.0

Upgrade fails while creating datasourse in HDP

STEPS TO REPRODUCE:

1. Ensure on 15.3 you have HDP set up
2. Start PPM upgrade from 15.3 to 15.4

Expected Results: Upgrade should be complete

Actual Results: Upgrade fails with below error. In 15.4 upgrades, the ODATA job refresh fails to finish within the stipulated time.

[exec] [echo] Running: /fs2/clar/clarity/bin/admin odataservice createDatasource -dataSourceName SC22975tDataSource -adminUser 14 -adminPassword xxxxxxxx [exec] [exec] Creating Data Source in OData Service Server and registering it in CA PPM... [exec] [exec] OData model refresh could not be completed in stipulated time frame. Please contact System Administrator. [exec] [exec] Error occurred: com.niku.union.reporting.odata.ODataServiceException: Error occurred while creating V2 Data Source [exec] [exec] Check admin.log or use -verbose for more information. [exec] [exec] Result: 1

DE39765
Major Problem
Fixed in 15.4.1.0

MSP New Driver error: We're sorry. There seems to be a problem with this file that keeps us from opening it. Please try using a backup copy if available.

In the MSP New Driver, we receive an intermittent error message: "We're sorry. There seems to be a problem with this file that keeps us from opening it. Please try using a backup copy if available." Reviewing the XML, it shows that the issue appears to be due to Notes being corrupted upon export from PPM, where characters are incorrectly appended to the end of tags.

STEPS TO REPRODUCE:

1. In MSP create a new project
2. Create one new task with a Start and Finish Date
3. Double click on the task
4. Click on the 'Notes' tab
5. Paste a large quantity of text into the Notes field (I used about 3,000 characters) and click OK
6. From the CA PPM Integration tab, click the Save As button to save the project to PPM as a new project
7. Attempt to open the project from PPM to MSP (Note if you do not receive the "We're sorry error at this step, repeats steps 2-7 above until the error is generated, it took 3 attempts in one test, but can take more)

Expected Results: Project Opens successfully with task(s) displayed

Actual Results: Receive the following MSP error and the project does not open. "We're sorry. There seems to be a problem with this file that keeps us from opening it. Please try using a backup copy if available." Additionally, if you look at the XML, unexpected characters are randomly added to the end of notes tags.

Workarounds:
1. Sometimes, making a change to the Note in PPM, such as removing a '.' at the end of a line in a note that has corruption in the tag helps, but in some instances it keeps coming back.
2. If that doesn't help, as a temporary workaround, reducing the number of notes in the project has helped to allow the project to open. The Notes information can be stored locally in a document until the issue is resolved where the Notes can then be added back to the tasks.

DE39782
Minor Problem
Fixed in 15.4.1.0

'Refresh OData Model' job does not behave correctly when the OData model refresh takes more than 5 mins

STEPS TO REPRODUCE:

1. Ensure on 15.3 you have HDP set up
2. Use a system where OData model refresh takes more than 5 mins or change the timeout to very low value to recreate the issue.
Note: 5 mins is the timeout time for “Refresh OData Model” job and currently it is not configurable.
It would be better if this can be configured at some place e.g. database or properties file.
3. Run “Refresh OData Model” job. The job would fail with an error which looks somewhat like this... “OData Refresh failed to complete within stipulated time.” This is expected.
4. Run “Refresh OData Model” job again. The job fails immediately again with an error message... “Cannot start the OData Model Creation because it is currently running.”

Expected Results: Job should wait the refresh completes or if timeout reaches error out indicating a timeout error.

Actual Results: Job fails immediately.

DE39783
Major Problem
Fixed in 15.4.1.0

Jaspersoft error while importing content

When trying to import jaspersoft content to CA PPM 15.3, having Oracle as RAC Oracle setup, using the following command: admin content-jaspersoft csk -userName superuser -password superuser. The following error is being received:

Failed to import content for tenant   java.lang.NullPointerException

STEPS TO REPRODUCE:

1) Setup a PPM 15.3 environment to be used with RAC Oracle instead of Oracle Standalone
2) Import jaspersoft content into the PPM 15.3 environment using the command -> admin content-jaspersoft csk -userName superuser -password superuser
3.) Set the JDBC connection in CSA like jdbc:clarity:oracle://:;serviceName (ensure servicename is small s)

Expected Results: Content should get imported

Actual Results: Content did not get imported, however failed with the following error: Failed to import content for tenant

DE39786
Major Problem
Fixed in 15.4.1.0

Jaspersoft report Project Storyboard has mismatched data

STR:
1. Fulfill all the report prerequisites
2. Run the Report Project Storyboard

Expected Results: Data to be correct

Actual Results: Some data is incorrect (EV Values, CPI, SPI); we tried with the report from 15.4, same thing.

DE39815
Major Problem
Fixed in 15.4.1.0

Jaspersoft reports run from PPM Reports and Jobs fails intermittently due to job ID from Jaspersoft is missing

STEPS TO REPRODUCE:

1. Run 5 recurring reports from PPM Reports and JOB giving a gap of 2 minutes

Expected Results: All Reports should be completed.

Actual Results: Few reports fail.

DE39860
Cosmetic
Fixed in 15.4.1.0

Finish Date on Fixed Duration Tasks Change After Posting Timesheets

STEPS TO REPRODUCE:

1. Create a project
2. Staff a resource to the project team
3. Create two tasks
    - Task T1 is a Fixed Duration task with dates between 3/12/2018 - 3/30/2018
    - Task T2 is a Fixed Duration task with dates between 6/1/2018 - 6 /15/2018
4. Assign the resource to both tasks.
    - Assign the resource to T1 with dates between 3/12 - 3/26
    - Assign the resource to T2 with dates between 6/1 - 6/8
5. Post a timesheet for the resource for the week of 3/12 - 3/18

(To reproduce the issue, make sure you add time entry for only T1 in the timesheet. If you add for both T1 and T2, the issue won't be reproducible)

Expected Results: The finish date for Task T2 remains at 6/15

Actual Results: The finish date for Task T2 is now 6/8.

Workaround: The only workaround is to have the assignment have the same finish date as the task finish date. Using the above STR on versions 14.3-14.4, the task finish date on T1 would also move, to 3/26. However, on 15.1 and later versions this no longer occurs as the following defect was fixed as of 15.1: CLRT -80126: Task finish date is retracted after Posting actuals via Timesheet even though the "Fixed Duration" setting is checked. The issue in the STR is still reproducible as this was not one of the scenarios addressed with CLRT-80126. The STR is also reproducible if T2 was on a different project entirely.

DE39870
Minor Problem
Fixed in 15.4.1.0

Copy Timesheet dropping one Incident

Converted from CASUP 00973026-Copy Timesheet dropping one Inciden

Steps to Reproduce:

1. As an example we use: Resource Mary Demo 5047746 for time period 3/4/18
2. Go to an open timesheet for this resource.
3. Populate the timesheet

Expected Results: Number of incidents should remain the same

Actual Results: For each subsequent week, the number of incidents decrease by 1 and it is the 2nd one that always gets removed.

DE39915
Major Problem
Fixed in 15.4.1.0

ETC in Task Assignments TSV section (ETC By Period) shifts depending on value specified in 'Time Period Offset'

ETC by Period field values on the Task Properties page under Assignments in the TSV section shift depending on the value specified in Time Period Offset when Start Date option selected is Other Date.

STEPS TO REPRODUCE:

1. Create a Task with with Start / Finish dates - 19th March 2018 - 6th April 2018
2. Assign a resource to the Task
3. From the Task Properties => Assignments page, click on the 'Options' button => Configure => Fields to open 'List Column Fields'
4. Click on the Properties icon of the field 'ETC BY Period'
5. In the 'Time Scale' section under Start Date, click to select option => 'Other Date' and specify value 'Start'.
   For 'Time Scale' specify 'Week'.
   For 'Number of Time Periods' specify
7. For 'Time Period Offset' specify value -1.
6. Click on 'Save And Return' button to return back to Task Assignment page.
7. From Task Properties => Assignments page enter the following data in the 'ETC By Period' section.
   For week beginning 19 March enter 5 hours, week beginning 26 March enter 6 hours, week beginning 2 April enter 7 hours.
8. Click Save.

Expected Results: Data entered should remain in the week entered.

Actual Results: Weekly Data entered shifts back by one week. If the 'Time Period Offset' value specified is '-2' then backward shift will be two weeks.

DE40016
Major Problem
Fixed in 15.4.1.0

15.4 Issue with Risks, Issues, Change Requests

New UX Only if there are Financial Plans
Any OD Customer behind the portal cannot access Risk, Issues, Change tabs after clicking on the Financials Tab if there are financial plans. Projects without a financial plan do not appear to have the issue.

Steps to Reproduce:
1. Find a project with a financial plan
2. Log into New UX
3. Click on Risks, Issues, Change tab.
4. Note the screens render.
5. Click on Financials Tab
6. Click back on any tab in step 2.

Expected Result: Screen renders

Actual Result: Screen does not render and there is a black X at the top. Clicking on the black X brings you back to the /pm projects page

Workaround:
A) Click on Documents tab.
OR:
B.) Change to another cost plan if one is available.

DE40067
Minor Problem
Fixed in 15.4.1.0

Copy cost plan bad user experience

Whenever user copies a costplan that has large number of rows (~500 rows), the operation takes a long time. But the user is not aware of it as the COPY module is still open and keeps on clicking the COPY button multiple times (as he is not aware of what is happening in the back end).

STEPS TO REPRODUCE:

1. Create a Cost Plan with more than 500 rows in the New UI
2. Click on "Copy" button of the New UI

Expected Results: The pop-up appears immediately, with the copied Cost Plan's details

Actual Results: The pop-up takes time to come up, and in the meanwhile, the user can click on Copy multiple times.

DE40084
Minor Problem
Fixed in 15.4.1.0

About the phenomenon in which English display is mixed

We can see both Japanese and English on the personal setting window of portlet. We can see the same on all filter portlet. We cannot see the same on non-filter portlet.

STEPS TO REPRODUCE:

1. Create a Grid portlet
2. Create a filter portlet.
3. Locate the Grid portlet and Filter portlet on a tab.
4. Go to tab and show the Grid and Filter portlet.
5. Set japanese to Language on account setting and select configure on filter setting. I can see that Portlet is in English on Layout tab. This is the problem. I can see that Portlet is in English on field tab. This is the problem. I can see that General, Name, ID, Description and Restore Default are in English on General tab. This is the problem. On the other hand, when I select configure on portlet setting then I can see thecorrect Japanese in List filter Section, List column section and General tab.

Expected Results: When we select configure on filter setting then we can see Japanese on Layout, Field and General Tab.

Actual Results: When we select configure on filter setting then we can see English on Layout, Field and General Tab.

DE40088
Major Problem
Fixed in 15.4.1.0

Unable to export portlet Japanese characters to csv file

Exporting a portlet in Japanese Characters (Project List page for example) to CSV does not export characters correctly. File shows junk. Export to Excel works fine.

Steps to Reproduce
1. On Admin/Resource for a resource choose Language as Japanese   (I left my Locale as English.)
2. Login as that resource/user.
3. Go to the Project List Page
4. Choose Export as CSV (It says CSV ... in the dropdown)
5. Look at the csv opened in Excel

Expected Result: Characters should show correctly.

Actual Result: They look something like this ã,¹ãƒ†ãƒ¼ã,¿ã,¹ ãƒ¬ãƒ□ãƒ¼ãƒˆ

Workaround: None.

DE40163
Major Problem
Fixed in 15.4.1.0

Task Board View not displaying in new UX (15.4)

Any OD Customer behind the portal cannot switch between Tasks List and Board views. If they are on the Board View even when clicking on List view, the Board View remains. Same thing happens if user is already on List view.

Steps to Reproduce:
1. OD Customer behind the portal
2. Log into New UX
3. Click on Tasks tab.
4. Note if defaulted to Task view or Board view.
5. Click on the other view.

Expected Result: Screen changes to other view

Actual Result: Screen remains on the current view.

Workaround: Double click on the view you want which brings you back to the main screen and then sometimes the view will switch.

DE40259
Major Problem
Fixed in 15.4.1.0

Portfolio Sync Job very slow

00977387-Portfolio Sync Job very slow

In one environment with one portfolio with 4 investments, the job takes 8-10 minutes.
After restoring the database, the same portfolio job takes only 21 seconds.

STEPS TO REPRODUCE:

CA Support engineers cannot reproduce the defect.

Expected Results: Small Sync job should run a lot faster.

Actual Results: Small sync jobs taking 8-10 minutes.

DE40304
Major Problem
Fixed in 15.4.1.0

Getting error message in Project Earned Value Report

Steps to Reproduce:
1. Configure and run Load Data warehouse job.
2. Run Load Data warehouse Access Rights job.
3. Run "Project Earned Value Report" with no filters selected.

Expected Result: Report data should be displayed without any errors

Actual Result: Getting error "Error filing Report".

Caused by: org.codehaus.groovy.runtime.typehandling.GroovyCastException: Cannot cast object '' with class 'java.lang.String' to class 'java.math.BigDecimal'

DE40362
Major Problem
Fixed in 15.4.1.0

When creating new adhocs getting duplicate project records

MS SQL Server DWH_INV_SECURITY_V creates two records for the user/investment when rights are provided through OBS as well as having Global Rights. This causes duplicate projects to show on Report Parameters in Reports and Jobs as well as in ad-hoc views.

Steps to Reproduce:
Only reproducible on MSSQL for PPM 15.3 and 15.4

1. Create an OBS and associate it to the Project object
2. Create a unit in the OBS
3. Mark the OBS to be used for Access Rights
4. Create a project and associate it to the unit from Step2
5. Create a Group from Administration - Groups
6. On the Group's Access Rights - select the OBS Unit Access Rights
7. Click on Add, and Add the 'Project - View Management' access right, for the OBS, select the OBS unit from Step2
8. Go to Administration - Resources and open the properties to an existing user
9. Under the Resource Properties, go to the Groups tab, and add the group created in the previous steps
10. Go to Resource's Access Rights - Global, and add the 'Project - View Management - All' global right to the user
11. Go to Home - Reports and Jobs, run the Load Datawarehouse job
12. Once the Load DWH job completes, run the 'Load Data Warehouse Access Rights' job
13. Once the access rights job completes, run the following query: select * from dwh_inv_security_v where user_uid = '' and investment_key =

Expected Results: The query returns one row where the Global_View_Right = 1

Actual Results: The query returns two rows, one where the Global_View_Right =1 and another where the Global_View_Right =0

Workaround: No feasible work around; fix for one user during investigation was to remove OBS rights.

DE40368
Major Problem
Fixed in 15.4.1.0

Duplicated Hierarchy record in INV_HIERARCHIES

CONVERTED from CASUP 00990585-Duplicated Hierarchy record in INV_HIERARCHIES

STEPS TO REPRODUCE:

Special case where data is not upgraded properly. There is supposed to be a row with parent_id = null if a child does not have a parent node. If a child has a parent, it should have that record showing the parent_id = null in addition to a row that shows the parent_id and child_id populated showing the relationship.

The following query is used as an example:

```
SELECT
*
FROM INV_HIERARCHIES H
where child_id in (
8052242
)

8547055 5081205 8052242
8547044 null 8052242

if severing the relationship via hierarchy > parent page

it shows the correct row.
8547044 null 8052242
```

Expected: Upgrade script checks for missing rows and inserts them. For example, POSTUPGRADE_FIX_HIERARCHIES.xml.

Actual: Although the upgrade takes care of new parent-child node relationships, it does not account for the past relationships. The upgrade did not take care of the records that were affected; there was no correction script to add records to the INV_HIERARCHY table that will add parent_id = null condition for any child_id that does not have a parent.

DE40388
Minor Problem
Fixed in 15.4.1.0

Error API-1030 after trying to change the password in the New UX with the 'Force Password Change' option

The below error message is displayed after a resource signs into the New UX when the 'Force Password Change' option is set to on for that resource.

"Error during login API-1030 : Password is expired or needs to be changed. Contact your system administrator for necessary action."

This seems to be the same as a previous defect DE37066, which was supposed to be resolved in PPM 15.4, but the same behavior seems to be occurring. The only difference is that in 15.4 the 'Forgot Password' feature COULD be used to reset and change the password to successfully login through the New UX. The underlying problem is still there. Users signing on for the first time often have the 'Force Password Change' option set on for them and won't be able to sign in and can cause a poor experience.

STEPS TO REPRODUCE:

1. Create a resource in Home > Administration > Resources, or use an existing one
2. Navigate to the Properties tab for that resource
3. Check on the 'Force Password Change' box
4. Have the resource sign in through the New UX

Expected Results: The user signs in and is shown the proper page to change their password as the defect causing this was reportedly fixed in 15.4

Actual Results: The user remains on the login page and is shown the error message "Error during login API-1030 : Password is expired or needs to be changed. Contact your system administrator for necessary action."

WORKAROUND: Three workarounds listed below (Option 3 is NOT available in 15.3 for the customer I reported this for; telling them to upgrade to 15.4 would be tantamount to telling them just use that workaround since the underlying problem has not been resolved)
1. Uncheck the 'Force Password Change' option on the accounts of the resources and set a password that they can provide to the user. The user can then either continue to use that password or use the 'Forgot Password' feature to change the password to something else, if needed.
2. When the 'Force Password Change' option is set to true for the resources, they can have the user sign in through the Classic UX, where they can change and set their password with no problem. The 'Force Password Change' option is turned off after those steps are taken.
3. Users can use the 'Forgot Password' feature because that does seem to function correctly in 15.4 since the 'Force Password Change' option is correctly turned off after those steps are taken.

DE40396
Minor Problem
Fixed in 15.4.1.0

CA PPM New UI Displays Hours instead of Days in Effort Metrics

In CA PPM New UI when you select a Project and go into the 'STATUS' tab, in the 'Effort Metrics' section the 'Total Hours' and'Total Hours Spent' attributes are not correctly converted to hours if in Classic PPM the Default Display Unit For Work Effort is Days (in Administration->Project Management->Settings) and also set as Days at the instance level.

STEPS TO REPRODUCE:

1. In CA PPM - Administration -> Project Management -> Settings -> 'Default Display Unit for Work Effort' is set to Days
2. Create a Project and Task in CA PPM Classic with Start / Finish Dates [2 April 2018 - 31 May 2018].
3. Allocate a labor resource to project (100% Allocation with 8 hours availability) and assign the resoucre to the Task.
4. ETC is the task is 44 days
5. Post Actuals for one day on say 12 April 2018 so that remaining ETC reduces to 43 days
6. Open the Project in CA PPM New UI and click on the 'STATUS' tab.

Expected Results: 'Total Hours' and 'Total Hours Spent' attributes should display values in hour as per labels on attributes.

Actual Results: 'Total Hours' and 'Total Hours Spent' attributes display values which are really days and not hours.

DE40407

Cosmetic

Fixed in 15.4.1.0

Updating Subproject Dates does not update the Proxy Task Duration on the Master Project

STEPS TO REPRODUCE:

1. Create a project, Project A with a total duration of 2 days (4/12-4/13)
2. Create a second project, Project B
3. Add Project A as a subproject of Project B
4. On the master project, Project B, go to the Task list or PPM Gantt and verify that the proxy task created for the subproject has a duration of 2 days
5. Go to the properties of the subproject, Project A, and extend the finish date to 4/20 (the total duration is now 7 days)
6. Go to the task list page or the PPM gantt for the master project, Project B

Expected Results: The duration for the subproject proxy task should now be 7 days.

Actual Results: The duration for the subproject proxy task remains at the old duration of 2 days.
- The dates however have correctly updated to show 4/13-4/20.

Workaround: Remove the subproject from the master project and re- add it. This will force the duration to recalculate.

DE40475

Cosmetic

Fixed in 15.4.1.0

'service clone app' fails java.lang.IllegalArgumentException

Cannot run multiple app and bg service instances. Attempting to clone app service via CSA or command line fails with an exception being reported.

STEPS TO REPRODUCE:

1. Log into CSA.
2. Click on the All Services in the left hand pane.
3. Check the CA PPM Application service type
4. Click the "CLONE" button.

Expected Results: There is a new application service instance added to the list of available services.
Actual Results. No service is added and the nsa-ca.log reports the following exception

```
ERROR 2018-04-13 05:47:37,183 [NSA Job (10.162.4.85:9091)] niku.nsa (none:none:none:none) Failed to clone service: app^M java.lang.
IllegalStateException: java.lang.IllegalArgumentException: 'null' is not a valid ApplicationServerInstanceTypeServiceTypeType at org.exolab.
castor.xml.handlers.EnumFieldHandler.setValue(Unknown Source) at com.niku.union.utility.ObjectUtil.clone(ObjectUtil.java:125) at com.niku.
union.utility.ObjectUtil.clone(ObjectUtil.java:58) at com.niku.nsa.service.ServiceUtil.cloneApplicationServerInstance(ServiceUtil.java:151) at
com.niku.nsa.service.ServiceUtil.cloneApplicationService(ServiceUtil.java:98) at com.niku.nsa.xbl.handlers.ServiceJob.clone(ServiceJob.
java:111) at com.niku.nsa.xbl.handlers.ServiceJob.runCmd(ServiceJob.java:79) at com.niku.nsa.xbl.handlers.AbstractJob.run(AbstractJob.java:67)
at java.lang.Thread.run(Thread.java:745)
```

DE40517

Major Problem

Fixed in 15.4.1.0

Resources from Agile Central fail to get synced into PPM, when the count of unique owners is greater than 20

PPM and Agile Central fail to hold the correct Resource related information.

STEPS TO REPRODUCE:

1. Configure the Agile Central integration as AC to PPM
2. Create a project in PPM and select the integration previously configured
3. Run the Synchronize Agile Central job to create the initiative in AC
4. Create more than 20 features for the initiative in AC
5. Assign a different owner to each feature previously created
6. Run the Synchronize Agile Central job again

Expected Result: All features are created as tasks, and owners are either created as team members or display in the Missing Resources portlet.

Actual Result: Some resources are missing.

DE40535

Cosmetic

Fixed in 15.4.1.0

New UX Auto-numbering is not preventing people from editing the Cost Plan ID

Cost Plans with Auto Number on Plan Code (ID) allows you to change the ID on the Plan Settings Page. Per our award-winning CA DocOps documentation, the Plan ID should not even show on the Settings if there is auto-numbering on the field.

Steps to Reproduce:
1. Activate Auto Number on the Cost Plan Object => Plan Code
2. In New UX Create a new Cost Plan
3. Notice on the create there is no place to enter the ID/Code
4. Populate the plan and make it the plan of record, though you do not have to do these.
5. Go to Settings

Expected Result: Plan ID is not shown on the page and therefore would not be editable.

Actual Result: Plan ID shows on the page and you can change it. The update is then reflected in Classic UI as well.

Workaround: None.

DE40801

Minor Problem

Fixed in 15.4.1.0

Oracle table analyze job gathers statistics by estimate percent

Running this job by estimate percent is inefficient, as compared to running it by Auto Sampling

STEPS TO REPRODUCE:

1. Navigate to the Jobs page
2. Run Oracle table analyze job.

Expected Result: The job is expected to collect via Auto Sampling as well. Or the application provides an alternate way of running Oracle table analyze job.

Actual Result: The jobs runs through Estimate Percent.

DE40820
Cosmetic
Fixed in 15.4.1.0

Special Characters incorrectly displayed for the logged in user first and last name in upper right corner of Classic PPM

Resources with Special characters in their name are incorrectly displayed for logged in user's first name in upper right corner of page (where the about and help action is located). The name appears correctly in other areas of Classic PPM and it appears correctly in the NEW UX logged in user's name field.

STEPS TO REPRODUCE:

1. Log into CA PPM
2. Navigate to Administration > Resources
3. Create a new resource with first and last name 'Frédéric'
4. Log out and log in as the new user - look at the upper right corner where the logged in user's first and last name is displayed

Expected Result: Name is correctly displayed

Actual Result: Name is incorrectly displayed as 'FrÃ©dÃ©ric FrÃ©dÃ©ric'

DE40968
Minor Problem
Fixed in 15.4.1.0

Login name gets garbled after PPM was upgraded to 15.4

On 15.4, if user name, such as Last Name and First Name, contains multiple byte characters, they get garbled.

STEPS TO REPRODUCE:

1. Create a resource with multiple byte characters in First Name and Last Name.
2. Log into PPM and see a login name displayed at top of the screen.

Expected Results: The Login User name with double byte characters are displayed properly.

Actual Results: The Login User name with double byte characters get garbled.

DE41126
Major Problem
Fixed in 15.4.1.0

Chargeback errors after 14.2 upgrade

This is a result of case 01073248 where Generate Invoice job is failing with Missing or Invalid Debit Rule even though the rule is correct.

CBK_GL_ALLOCTION.cost_type is being populated with NULL instead of (null)

It was found that 14.3 Upgrade script adds the new field CBK_GL_ALLOCATION.cost_type and updates it incorrectly as NULL instead of (null)

Steps to Reproduce:

1. Post transactions to WIP
2. Run Generate Invoice job

Expected Result: Most, if not all transactions process

Actual Result: All transactions as stuck under Messages with error Missing or Invalid Debit Rule

DE41199
Cosmetic
Fixed in 15.4.1.0

Users - Action Tracing wrong default value in Spanish languages

'Action Tracing' default value is not set in Off when you try to create a resource in different languages. For example in English default value is 'Trace Off' and in Spanish Language is set to 'Instrucciones de seguimiento'. It looks like is sorting alphabetically and since the name in different language does not have the same order.

STEPS TO REPRODUCE:

-Configure the language for the user in Spanish
-Go to Administracion > Recursos -Click on 'Nuevo' Button.

Expected Results: 'Seguimiento de la acción'('Action Tracing' in English) should show 'Seguimiento Desactivado'('Trace Off' in English)

Actual Results: 'Seguimiento de la acción'('Action Tracing' in English) is showing 'Instrucciones de seguimiento'

DE41200
Major Problem
Fixed in 15.4.1.0

Oracle Privilege Access Violations

The following are possible deviations from Oracle standards
GRANT UNLIMITED TABLESPACE TO CLARITY: This should not be needed if the application schema account has unlimited quota on their own tablespace.
10.2, ‘connect’ and ‘resource’ roles had many privileges but these have all been removed.
GRANT CONNECT TO CLARITY: These are deprecated privileges.
GRANT RESOURCE TO CLARITY: These are deprecated privileges. Prior to Oracle 10.2, ‘connect’ and ‘resource’ roles had many privileges but these have all been removed.
GRANT SELECT_CATALOG_ROLE TO CLARITY: Should provide a list of the exact data dictionary views that they require, rather than requesting this role.

STEPS TO REPRODUCE:

To set up PPM Database you need below permission
• GRANT CONNECT TO CLARITY and GRANT RESOURCE TO CLARITY: These are deprecated privileges. Prior to Oracle 10.2, ‘connect’ and ‘resource’ roles had many privileges but these have all been removed. ‘CREATE SESSION’ should be sufficient instead of the roles above. As of 10.2 the connect role only contains create session. 12.1 included the set container. The RESOURCE privilege has these and is required for PPM to work. Otherwise we will have to give these privileges individually. Giving them individually will enable us to remove RESOURCE if needed.
• GRANT UNLIMITED TABLESPACE TO CLARITY: This should not be needed if the application schema account has unlimited quota on their own tablespace. We need to make sure the USER tablespaces are set to unlimited or created as BIG FILE tablespaces.
• GRANT SELECT_CATALOG_ROLE TO CLARITY: The vendor should provide a list of the exact data dictionary views that they require, rather than requesting this role.

Expected Results: The roles should be revoked.

Actual Results: The roles are still documented.

DE41217
Major Problem
Fixed in 15.4.1.0

Projects missing in DWH_INV_TEAM_PERIOD_FACTS table

Actuals posted out of allocation ranges are missing from DWH views. If a resource posts time after their allocation dates the actual hours (and periods) will not be in DWH. Upon further investigation the views
• dwh_inv_team_ru_per_facts_f_v
• dwh_inv_team_ru_per_facts_m_v
• dwh_inv_team_ru_per_facts_w_v
are joining back to dwh_inv_period_facts and this table only brings in period_facts for the actual allocation slices (slice ID = 6)

STEPS TO REPRODUCE:
1. Create a project starting on 3/1/18 and finishing on 5/31/18
2. Create a task starting on 4/16 and finishing on 4/17
3. Add a resource to the project team with allocation starting on 3/1/18 and finishing on 3/31/18 – Hard – 100% (does not need to be Hard booked)
4. Post 8 hours for the resource with the 4/16 period.
5. Run all necessary jobs in PPM and DWH
6. Query the dwh_inv_team_ru_per_facts_m_v filtering by the project.

Expected Results: The query will return actual hours for April

Actual Results: The query only returns data through March (to match the allocation dates)

Workaround: Change allocation dates to the end of the project. Not recommended.

DE41370
Major Problem
Fixed in 15.4.1.0

Run Reports (Auto) is classified as a Restricted Right

Access Right 'Run Reports (Auto)' is classified as a Restricted Right

STEPS TO REPRODUCE:

Check Run Reports (Auto) access right. (Check the license counts by user portlet.)

Expected : Report Run (Auto) access right is *View-Only*.
Actual: In the license counts portlet, the users with this access right are included in the count of *Restricted* license types.

DE31552
Major Problem
Fixed in 15.4.0.0

New 'Team Rates Only' parameter to address Rate Matrix Extraction job taking very long time on 14.3 + on large datasets

Rate Matrix Extraction job takes very long time on 14.3+ on large datasets.

STEPS TO REPRODUCE:

1. Set up an environment with a lot of matrix values.
2. Run the RME job with the first three options enabled.

Expected Results: Rate Matrix Extraction job to complete within reasonable time under 120 minutes.
Actual Results: Rate Matrix Extraction runs for 16-19 hours.
Workaround: None

DE31677
Major Problem
Fixed in 15.4.0.0

PPMOP_15.1_DEFECT - Loading time to show all resources in review & approve page in timesheets

Performance of the new UI Timesheet is slow when user has Timesheet Navigate Right

STEPS TO REPRODUCE:
• Login to Classic PPM
• Navigate to new UI Timesheet
• Ensure a user has Timesheet Navigate Right
• Ensure you have at least 5k team member for whom you can approve

Expected Results: The new timesheet should be quick and less than 10 seconds
Actual Results: The timing of the new UI takes about 2.4 minutes to load 5k users

DE33331
Major Problem
Fixed in 15.4.0.0

PPMSAAS_15.1_DEFECT - CA PPM not exporting Assignment Max % Load to MS Project when Windows regional setting to Portuguese language (New Driver)

(See DE33307 for a similar issue with Windows regional settings in Portuguese.)

STEPS TO REPRODUCE:

To reproduce this issue, you must have installed the MSP 2013 in Portuguese and English Language and Windows in Portuguese and English.
1. Go Administration > Project Management
2. Select Setting -Checkbox MSP Assignment Units Mapping with PPM Assignment 'Max % Load'
3. Go Home > Projects and select any project.
4. Create a task and assign any resource
5. Instead of 100% set Max % Load to 50%
6. Export to MSP

Expected Results: MSP Driver download Max % Load to MS Project

Actual Results: MSP Driver doesn't download Max % Load to MS Project

Workaround: Change the OS level setting of 'Decimal symbol from comma ',' to period '.'
1. Go to Control Panel->Region->
2. Click the 'Additional Settings' button.
3. Change Decimal symbol value to '.'

DE33583
Major Problem
Fixed in 15.4.0.0

Project Baseline in OWB or MSP from Different Timezone Causes Future last_updated_date in PRJ_BASELINE_DETAILS and Orphan Records in DWH_INV_PROJECT

Adding a baseline in a project in a supported scheduler (Open Workbench or Microsoft Project) from a user in a different timezone that is ahead in time from the app/db server results in future last_updated_date for the project in PRJ_BASELINE_DETAILS and orphan records in DWH_INV_PROJECT in the data warehouse. (See also CLRT-80691.)

Steps to Reproduce:
1. Configure CA PPM with Data Warehouse and app/db on same date/time/timezone
2. Ensure Load Data Warehouse runs fine with no errors
3. Now prepare a separate server with OWB installed
4. Check the app/db time and set the server time for OWB server to be AHEAD in time. For example, the time difference should be 16 hours ahead (PST to JST). In those cases the date will be sometimes on the next day.
5. Now restart OWB and open a project from CA PPM. Go to Project Tab.
6. Select Scope Project, Baseline Settings - Set, click OK
7. When prompted if you would like to continue, confirm with Yes
8. Now check in PRJ_BASELINE_DETAILS for the same project (example query below, replace the internal id with the correct one): select LAST_UPDATED_DATE from PRJ_BASELINE_DETAILS where object_type ='PROJECT' and object_id =5006002
9. Note the time saved there is the actual time in future, which is set on the OWB client server
10. Now run Load Data Warehouse job - Full Load

Expected Results: The project to be brought in Data Warehouse investments successfully

Actual Results: Load Data Warehouse job fails, with error: ORA-02298: cannot validate (PPM_DWH.DWH_INV_PROJECT_LN_FK1) - parent keys not found. Any subsequent runs will fail too, until the future date from step 9 is reached.

Workarounds:
1. Query the Data Warehouse database to find out the orphans with query: select investment_key from dwh_inv_project where investment_key not in (select investment_key from dwh_inv_investment)
2. Feed in the exact investment keys in the following update query, and run it on PPM database: update PRJ_BASELINE_DETAILS set last_updated_date = sysdate where object_type ='PROJECT' and object_id = and last_updated_date > sysdate commit
3. Then run Load Data Warehouse with Full Load.

Notes:
(1) Any subsequent runs will fail with the same message until we reach the exact time in future that corresponds to the PRJ_BASELINE_DETAILS.LAST_UPDATED_DATE Full error message: Caused by: org.pentaho.di.core.exception.KettleDatabaseException: Couldn't execute SQL: ALTER TABLE DWH_INV_PROJECT_LN ENABLE VALIDATE CONSTRAINT DWH_INV_PROJECT_LN_FK1 [CA Clarity][Oracle JDBC Driver][Oracle]ORA-02298: cannot validate (CLARITY144_DWH.DWH_INV_PROJECT_LN_FK1) - parent keys not found
(2) Upon checking we can see that the project record is in DWH_INV_PROJECT, but not in DWH_INV_INVESTMENT table. When verifying the view DWH_DW_INVESTMENT_V we can see that it takes the greatest date on line 39: WHEN BASEREC.LAST_UPDATED_DATE IS NULL THEN INV_INVESTMENTS.LAST_UPDATED_DATE ELSE GREATEST(INV_INVESTMENTS.LAST_UPDATED_DATE, BASEREC.LAST_UPDATED_DATE) END
(3) It will actually take the baseline date as it is in future (greatest) and not import the investment. However the dwh_project_v does not have this condition, so the project gets imported in ppm_dwh.dwh_inv_project.

DE33585
Minor Problem
Fixed in 15.4.0.0

PPMOP_14.3_DEFECT - Data Warehouse: The Load Data Warehouse job bg-dwh logs are not ordered by date and time or by event and the logging is not coherent

(See also CLRT-80146.)

Steps to Reproduce:
1. Connect to PPM - Home - Reports and Jobs - Jobs.
2. Run Load Data Warehouse job : either Incremental or Full Load.
3. Now connect to the server, and open the logs: bg-dwh.log bg-dwh.log.1 bg-dwh.log.2 bg-dwh.log.3

Expected Results: Logging to be consistent with other PPM logging, so ordered by date and time, and by event order.

Actual Results: Logging dates are going back and forward in the logs. It is not clear when each event occurred, and what was the exact order of the DWH updates. Errors are thrown in the middle of the logs as well. The dates are not following the correct logical order.

DE33733
Minor Problem
Fixed in 15.4.0.0

PPMSAAS_14.3_DEFECT - Delete Process Instance job can bring BG down with OutOfMemory error

Delete Process Instance job can bring background service down with OutOfMemory error.

Steps to Reproduce:
1. Use an environment with millions of process instances.
2. Run the Delete Process Instance job with parameters to make sure it returns over 4 million processes.

Expected Results: The job to complete successfully.
Actual Results - The job crashes the BG service.

DE33778
Major Problem
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT - Task and project action items overriding each other

Action menu items are overwriting each other between different views and objects. Actions menu becomes unusable for affected object views.

STEPS TO REPRODUCE:

1. Stop app services
2. Alter the sequences for CMN_GRIDS_S1 such that it is exactly 6 ahead of ODF_VIEWS_S1 at the database level.
   (For example, alter sequence cmn_grids_s1 increment by {the absolute difference between cmn_grids_s1.last_number and odf_views_s1.last_number, plus 6}, select cmn_grids_s1.nextval from dual, then alter sequence cmn_grids_s1 increment by 1)
3. Start app services
4. Go to Administration > Studio: Objects
5. Create a new object, call it menuclash1, then Save and Return
6. Create a new subobject of menuclash1, called it subclash1, then Save (don't Return)
7. Go to Views > subclash1 List > [Actions Menu]
10. Click on General, change the Menu Name to subGeneral and pick the action "New subclash1" from Available Actions to Selected Actions and click on Save.

Expected results: Menu name would change to subGeneral and Selected Actions includes "New subclash1"
Actual results: Menu name says General, Selected Actions includes "New subclash1"

11. Go to Administration > Studio: Objects
12. Open menuclash1 and go to Views > Properties > [Actions Menu]   Expected results: Menu name would say General Actual results: Menu name says subGeneral
13. Click on subGeneral to open the properties, change the Menu Name to menuGeneral, and add "New menuclash1" from Available Actions to Selected Actions and click on Save.
14. Go to Administration > Studio: Objects
15. Open subclash1 and go to Views > subclash1 List > [Actions Menu], note the name says 'General' and click on it

Expected results: Menu name would show General (per earlier part of the problem) and Selected Actions shows "New subclash1"
Actual results: Menu name would show General (per earlier part of the problem) and Selected Actions for "New subclash1" is gone. The action "New menuclash1" is showing as Selected instead.

DE34093
Minor Problem
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT - PDS_Excel_Export_shows_no_data_for_drilldown_portlets

If you have a drilldown portlet on a project dashboard, you cannot export all data via "Export to Excel" or "Export to PowerPoint". The parameter which is used for drilldown portlets is not taken into account for Excel/PowerPoint Exports and finally the data is not exported.

STEPS TO REPRODUCE:

1* Create a new NSQL query with the following NSQL Name = Drilldown1 and the following code:

```
z_drill_1  SELECT @SELECT:DIM:USER_DEF:IMPLIED:BL:BL.ID:ID@, @SELECT:DIM_PROP:USER_DEF:IMPLIED:BL:BL.NAME:NAME@, @SELECT:DIM_PROP:USER_DEF:
IMPLIED:BL:BL.CODE:CODE@ FROM  ( SELECT 1 as ID, 'BL1' as CODE, 'Baseline1' as NAME from dual union SELECT 2 as ID, 'BL2' as CODE, 'Baseline2'
as NAME from dual union SELECT 3 as ID, 'BL3' as CODE, 'Baseline3' as NAME from dual union SELECT 4 as ID, 'BL4' as CODE, 'Baseline4' as NAME
from dual union SELECT 5 as ID, 'BL5' as CODE, 'Baseline5' as NAME from dual ) BL WHERE 1=1 AND @FILTER@
```

2* Open Administration > Portlet Pages > Project Default Layout Page, and create new link parameter: Label = DrillParameter Parameter ID = BL
3* Open NSQL Query "Drilldown1" again and create a new link: Name = link to itself Link ID = z_link_to_itself Action = "Dashboard" (if Dashboard is not selectable, check that the Dashboard is linkable - Project Default Layout > Tabs > Dashboard > Linkable: Yes) DrillParameter = code
4* Create another NSQL Query "Drilldown2" with following NSQL including an xml parameter to use the page parameter:

```
SELECT @SELECT:DIM:USER_DEF:IMPLIED:X:ID:ID@, @SELECT:DIM_PROP:USER_DEF:IMPLIED:X:NAME:NAME@, @SELECT:DIM_PROP:USER_DEF:IMPLIED:X:CODE:CODE@
FROM ( SELECT 1 as ID, 'BL1' as CODE, 'Baseline1' as NAME from dual union SELECT 2 as ID, 'BL2' as CODE, 'Baseline2' as NAME from dual union
SELECT 3 as ID, 'BL3' as CODE, 'Baseline3' as NAME from dual union SELECT 4 as ID, 'BL4' as CODE, 'Baseline4' as NAME from dual union SELECT 5
as ID, 'BL5' as CODE, 'Baseline5' as NAME from dual ) x WHERE @FILTER@ AND x.CODE = @where:param:xml:string:/data/BL/@value@
```

5* Create a Grid Portlet "Drill1" and add Drilldown1 query as provider.
6* Add link "link to itself" to field "Name" in Portlet "Drill1"
7* Create another Grid Portlet "Drill2" and add "Drilldown2" query as provider.
8* Add both portlets to the "Dashboard" tab on the Project Default Layout Page. Change Layout to place Drilldown1 before Drilldown2
9* Open a project and navigate to Dashboard tab.
10* Click on the link of first portlet so that the second portlet shows the entry of selected value
11* On the Drilldown2 portlet, click Configure > Export to Excel (also with Export to PowerPoint)

Expected result: Entry is exported to Excel and PowerPoint

Actual result: Excel/PowerPoint do not have the entry, just the grid headers.

Workaround: Use Export to Excel (Data only). This option does export the entry.

DE34128
Minor Problem
Fixed in 15.4.0.0

PPMSAAS_15.1_DEFECT - Due date shown in portlets and due date shown in the Reports does not match

The same Due Date in portlets and reports does not match for the same end user.

STEPS TO REPRODUCE:

1. Have servers located in some other region from where the end user is located (time difference between the server location and user location)
2. Servers are located in USA
3. Login to clarity as user from Sydney (make sure that user Account Setting has TimeZone as (GMT+10:00) Canberra, Melbourne, Sydney))
4. Create a Project "Test Due date"
5. Create a Risk say "Risk Due Date"
6. Create below Action Items form the created risk:
   a) Action Item # 1 -- Due Date 5/13/17 12:00 AM
   b) Action Item # 2 -- Due Date 5/20/17 12:00 AM
   c) Action Item # 3 -- Due Date 5/27/17 12:00 AM
7. The Action Item portlets show the same due date as created.
8. Run the Load datawarehouse job with full load.
9. Navigate to Advanced Reporting and run Project Risk Register from above created project "Test Due date"

Expected Results: The due date shown for the created action items should be same as that what we see in the Action Item portlet.
Actual Results: The due date shown for the created action items is not same as that what we see in the Action Item portlet.

DE34183
Major Problem
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT - JDBC driver causes Upgrade Failure with message ORA-01017: invalid username/password; logon denied on some Oracle environments

JDBC driver causes Upgrade Failure with message ORA-01017: invalid username/password; logon denied on some Oracle environments. This is an intermittent environmental issue with specific JDBC drivers. See also CLRT-80922.

STEPS TO REPRODUCE:

Start a fresh install or upgrade to 14.x or 15.x.

Expected Results: The upgrade to proceed successfully
Actual Results: Upgrade fails with ORA-01017: invalid username/password; logon denied

Workarounds: Replace the c-oracle.jar in /lib and package/lib with the latest one from the highest build /package/ possible in the install.jar. Then jar everything back. Important: Creating the jar on UNIX environment may cause an issue with the files, due to the .setup folder, prefixed with . (which is indicative of hidden files in UNIX). Those files will NOT be added to the jar if not explicitly indicated. To workaround the issue use the command below to create your jar: Where you normally would do this: jar -cvfM ../myjar.jar * you need to explicitly add the folder with this:

jar -cvfM ../myjar.jar * .setup/

-c is for create
-u for update

Notes: Due to Progress (JDBC) bug PSC00294082 (http://knowledgebase.progress.com/articles/Article/000048244) upgrades using that driver version may fail. The 14.1 and 14.2 installer packages have the driver as it shipped with those versions. In order to remedy this problem, we set the release overrides by adding the c-oracle.jar in the following directories:
C:\ca\clarity\trunk\upgrade\release-overrides\14.2.0\files\lib
C:\ca\clarity\trunk\upgrade\release-overrides\14.2.0\files\lib directories

DE34258
Minor Problem
Fixed in 15.4.0.0

PPMSAAS_15.1_DEFECT - Upcoming Milestones Portlet Renders Milestone Outside Portlet Frame

On the Upcoming Milestones Portlet, the Milestone marker icon in the Gantt Schedule columns do not appear in the correct column in Daily, Monthly, Quarterly, or Yearly views.

STEPS TO REPRODUCE:

1) Add the Upcoming Milestones portlet (Portlet ID = cop.prt.prjMilestones) to the Dashboard tab of the Project.
2) In the Tasks tab of an existing project, add several Milestone tasks with the following Finish dates:
Milestone 1: 5/31/17 Milestone 2: 6/30/17 Milestone 3: 7/28/17 Milestone 4: 8/31/17 Milestone 5: 9/29/17
Milestone 6: 10/31/17 Milestone 7: 11/30/17 Milestone 8: 12/29/17 Milestone 9: 1/31/18
3) Go to Dashboard tab to see Upcoming Milestones portlet. Make sure to Configure the Time Scale of the Gantt Schedule field to Day, Month, Quarter, and Year. The Week time scale seems to be the only one that is displayed properly.

Expected Results: Milestone marker should be displayed in the correct column based on the Finish Date of the Milestone.
Actual Results: Milestone marker is not displayed in the correct column based on the Finish Date.

Examples:
DAY: Marker is always displayed in the column for the next day after the Milestone Finish Date.
MONTH: If Milestone Finish Date is early in the month or towards the middle of the month, then marker appears in the correct column. If Milestone Finish Date is towards the end of the month, then the Milestone marker appears in the next month's column.
QUARTER: If Milestone Finish Date is early in the quarter or towards the middle of the quarter, then marker appears in the correct column. If Milestone Finish Date is towards the end of the quarter, then the Milestone marker appears in the next quarter's column.
YEAR: If Milestone Finish Date is towards the end of the year, then the Milestone marker appears in the next year's column.

DE35074
Major Problem
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT - Unable to XOG out portlet when using singleContentType argument.

This capability would save a lot of time for end users who require the removal of unnecessary content.

STEPS TO REPRODUCE:

1. Issue is reproduced in both XOG client as well as SoapUI, but behavior is different. When using XOG client you are getting a client side error and when using SoapUI you are getting server side error.
2. Using XOG client read portlet using contentpack xog (for example, ks_chart).
3. Notice error below in the command window: Login SucceededRequest Document: ..\xml\portlets_read_ks.xml Writing output to portlets_read_ks_out.

```
xmlFailed to retrieve response documentjava.lang.NumberFormatException: For input string: "
        at java.lang.NumberFormatException.forInputString(NumberFormatException.java:65)
        at java.lang.Integer.parseInt(Integer.java:504)
        at java.lang.Integer.parseInt(Integer.java:527)
        at com.niku.xog.client.XOGClient.mergeResponseToStream(XOGClient.java:824)
        at com.niku.xog.client.XOGClient.processRequestAsStream(XOGClient.java:896)
        at com.niku.xog.client.XOGClient.processRequest(XOGClient.java:585)
        at com.niku.xog.client.XOGClient.processRequests(XOGClient.java:1444)
        at com.niku.xog.client.XOGClient.invokeCommand(XOGClient.java:1237)
        at com.niku.xog.client.XOGClient.main(XOGClient.java:142)
        at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
        at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)
        at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
        at java.lang.reflect.Method.invoke(Method.java:606)
        at com.werken.forehead.Forehead.run(Forehead.java:551)
        at com.werken.forehead.Forehead.main(Forehead.java:581)
Logout Succeeded
```

4. When using SoapUI sending below request you are getting an error as well (Put your session number here) ks_chart
5. You will see below error when using SoapUI: FATAL Exception while processing client request

Expected Results: To XOG out portlet when using singleContentType argument.
Actual Results: Errors as described above.

DE35297

Minor Problem

Fixed in 15.4.0.0

PPMOP_14.4_DEFECT - Release plan edit rights problem

Resources with all instance rights on release and release plan objects, are not able to see the "Add Release" and "Remove Release" buttons in the Release Plan detail screen - Release Planner tab - Release section. Only when adding the global right "Release Plan - Edit All" , he is able to to see the tabs, but then he can see all Release Plans which is not desired.

STEPS TO REPRODUCE:

1. Create a user and assign following rights:
   Instance: For a specific Release plan instance assign:
   - *Release approve - Release Edit*
   - *Release View*
   - *Release View Access Rights*
   - *Release plan Edit*
   Global:
   - *Portlet viewer All*
   - *Release Plan Navigate*
   - *Release Approve All*
   - *Release Navigate*
   - *Release Create*
   - *Release Edit All*
   - *Release View All*
2. Log in as this user.
3. Navigate to Home - Release Planning and open the Release Plan where rights were granted.
4. In the Release Planner tab - Releases section only "Save" and Approve Release" are seen.

Expected: To also see the "Add Release" and "Remove Release" tabs.
Actual: In the Release Planner tab - Releases section only "Save" and Approve Release" are seen.
Workarounds: If appropriate, give the user the *Release Plan - Edit All* global access right.

DE35328

Cosmetic

Fixed in 15.4.0.0

PPMOP_15.2_DEFECT -Deleting a Task in MSP Leaves Orphan Process Instances Associated to that Task

Deleting a Task in MSP Leaves Orphan Process Instances Associated to that Task.

STEPS TO REPRODUCE:
1. Create an 'On Demand' process on the Task Object that does not immediately complete (For example: One that does not complete until an Action Item is Approved.)
2. Create a project in PPM
3. Create a task on that project
4. Go to the Processes tab on the Task Properties
5. Select the Available link on the tab
6. Select the process created on Step1 and click on Start
7. The process instance on the task has a status of 'Running'
8. Go to Home > Organizer > Notifications tab
9. Click on the Properties icon next to the Action Item associated to this task instance
10. Approve the Action Item
11. Go back to the Project
12. Go to the Processes tab of the Task created previously and confirm that the process in 'Completed'
13. Go to the Task list and delete the task
14. Go to Home > Organizer > Processes tab (Or Administration > Processes > Initiated tab) and confirm that the related Process instance has been deleted.
15. Repeat Steps 3-12
16. Export the project to MSP
17. Delete the task in MSP
18. Save the project back to MSP

Expected Results: Similar results to when the task is deleted via the UI. The associated process instance is automatically deleted.

Actual Results: The associated process instance remains in PPM. Workaround: Delete the orphan process instance manually.

DE35410

Minor Problem

Fixed in 15.4.0.0

PPMOP_14.4_DEFECT - XOG client query missing xsi namespace for nillable values

The XOG client pulls out the SOAP body and saves this as the response output. When a null value is present in the output, it is rendered as .

The xsi (XML Schema Instance) namespace is defined in the SOAP envelope. When saving and working with only the SOAP body you do not have access to this namespace's declaration, and that effectively hides the attribute from XPath processors and XSLT. Reference CLRT-69613 for the improvement to null handling and an example of the output generated.

STEPS TO REPRODUCE:

1. Create a basic NSQL query called check_nillable, with this column added to the select clause of the default SQL provided to you by the UI: @SELECT: DIM_PROP:USER_DEF:IMPLIED:RESOURCE:null:CHECKME@,
2. Create a minimal XOG query request file to pull the results out of this query: check_nillable
3. Login to the XOG client and set the output file and then call this XOG query request file above.
4. Examine the ouput

Expected Results: The xsi namespace referenced in each of the records should be declared in the output in a prior element.

Actual Results: The only namespace declared is the one for http://www.niku.com/xog/Query, and xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" is missing.

Workarounds: Pre-parse the file as plain text and inject the namespace declaration for xsi into the file, or use another tool/technology than the XOG client that will let you persist the full response including the SOAP envelope.

DE35454
Major Problem
Fixed in 15.4.0.0

PPMSAAS_15.1_DEFECT - MSP elapsed duration is not retained after project is saved

There is an MSP elapsed duration issue identified where % complete is not getting retained in the schedule when duration is edays or ewks.

STEPS TO REPRODUCE:

1. Create new project in Clarity
2. Create a new task with start date of 1st May 2017 and end date 5th June 2017.
3. Save Project then open it in MSP4. Change the Duration in 27 days to 5 ewks
5. Save the project back to Clarity
6. Insert a new column for the project select the % Complete and set it to 70%
7. The the project back to Clarity and close it in MSP
8. Re-open the project in MSP
9. Re-insert the % Complete column and note the value.

Expected Results: The % Complete is still 70%

Actual Results: The % is longer 70% and subsequent saves and re-openings of the project without making any changes reduces the % complete further. This also happens with a assignee attached to the task.

DE35497
Major Problem
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT - Autoschedule changes date resource with actuals

We have a task with an assigned resource on a project with Actuals in the past and so a start date in the past as well. When using the "Autoschedule with Publish" from Gantt, the task start date is respected but the resource assigned to this task, which has the Actuals assigned in the past, has a new start date similar to other tasks/resources of the project with no Actuals.

STEPS TO REPRODUCE:

1. Create a project with team, tasks and assigned resources.
2. Assign actuals for one resource on a task, make the start and finish in the past.
3. Open Gantt and do an "Autoschedule with Publish"

Expected: The same Start Date in the past for both task and resource because there are Actuals assigned in the past.
Actual: The Start Date unchanged for the task, which is correct, but the Start Date for the resource has changed to today's date or later.
Workarounds: None.

DE35651
Major Problem
Fixed in 15.4.0.0

PPMOP_144_DEFECT - Users receive 'An unexpected error occurred with method.' error message with the new MSP XML Driver

An unexpected error occurred with method appears after attempting to export a project to MSP for the first time after the new MSP driver is installed. After clicking OK to this message, you may then also see the following error 'SchedLink MFC Application has stopped working'. While users can click OK to clear the message, it does cause a false alarm after upgrading, and is not expected. (See also CLRT-78950.)

STEPS TO REPRODUCE:

1. Install the new CA PPM MSP driver.
2. Log in to CA PPM.
3. Go to any project, and Open in Scheduler > Microsoft Project.

Expected Results: The project opens in MSP without error.
Actual Results: Project does not open in MSP and instead we get the following error message: *An unexpected error occurred with method*.
After clicking OK, you may also see the following error message: *SchedLink MFC Application has stopped working*.

Notes: As a best practice, first open Microsoft Project to verify the MSP interface is installed successfully. Do not attempt to automatically populate your PPM login information by launching a project first from PPM. Use MSP first.

DE35677
Minor Problem
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT - Effort Task as phase

Effort Task that has been made a Phase can still have a resource assigned to it. This has an unexpected effect on ETC and Allocation values and aggregations.

STEPS TO REPRODUCE:

1. Make sure Admin > Project Management Settings allows for “Effort Task creation”
2. Create a new Project (without using a template)
3. Add a team member to the project (I call it “resource A”)
4. Create one task on the project (“new task”)
5. Open Gantt. It should show the effort task and the new task
6. Remove the assignment (if existing) from the effort task
7. Indent the new task such that the effort task becomes a phase
8. Add another team member to the project

Expectation: Prevent the effort task from becoming a phase even when there are no assignments on it.
Result: The effort task is a phase which has an assignment.

DE35690
Major Problem
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT - Load DWH Failure when including Calculated String Attribute (size 260 Plus)

STEPS TO REPRODUCE:

1. Create a custom string attribute "review_comment" under Project Object with:
   - Data Type=String
   - Maximum Size = Between [260 to 2000]
   - Include in the Data Warehouse = checked
2. Next create a calculated attribute "final_comment" with:
   - Data Type = Calculated
   - Result Data Type = String
   - Current Expression = Concat(review_comment)
   - Include in the Data Warehouse = checked
3. Put both attributes on the Project Properties Edit Views
4. Open an existing project and put string for review_comment=
5. Ensure the same is reflected on screen for 'final_comment' calculated attribute.
6. Run the Load DWH FULL or PARTIAL load Job fails.

Expected Results: Load DWH [Full | Partial] Job should complete successfully including both the attributes in DWH schema.
Actual Results: Load DWH [Full | Partial] Job fails.

DE35708
Major Problem
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT: Agile Central Feature unable to come over as a task in PPM

Agile Central integration can't be used if task name is over 150 characters.

STEPS TO REPRODUCE:

1. Create a feature (task) in CA Agile Central (formerly Rally) and create the title of the feature to be the max character limit (256).
2. Run the Rally Sync job.

Expected Results: Job to run successfully

Actual Results: Job Fails with following: There was a problem Syncing Clarity Tasks for Project: Tab test project HTTP/1.1 400 Bad Request "validation.dataNotMaxSizeWithParam" "'Name' is too large. Maximum size is 150."

DE35733
Major Problem
Fixed in 15.4.0.0

PPMOP_15.1_DEFECT - Executing Time Compliance Report in 15.1 takes too long

Client users believe they are waiting too long for report output. Time Compliance Report takes 6-10 minutes to run whereas the query behind the report takes about 45 seconds.

STEPS TO REPRODUCE:

1. Log into Clarity as the admin user
2. Select the Home tab then Advanced Reporting
3. Select Time Compliance report
4. Set the Resource OBS Type to IMG Team OBS
5. Set the Resource OBS Unit to Imagination Technologies | MIPS IP
6. Set Time Period to the Previous Period
7. Set Compliance % Yellow Threshold to 90
8. Set Compliance % Red Threshold to 75
9. Number of OBS Levels to 2
10. Click the Apply button

Expected Results: That the report takes not much longer that the query takes to run directly against database

Actual Results: The report takes between 6-10 minutes to run.

DE35785
Minor Problem
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT - Wrong WHERE condition with large selection in multi-select input control

Incorrect number of rows of data returned when filtering on Data Items with over 2000 rows in Ad Hoc Views (Jaspersoft bug JS-33416).

STEPS TO REPRODUCE:
1. Find an object in the domains with > 2,000 instances, e.g. the Project or Task
2. Create an ad hoc view which shows you the number of rows, e.g. a table with a Total Sum for counting the project or Task names
3. Create a filter on a string field of this object, e.g. the Project Name or Task Name
4. Change the filter type to "is one of" and select more than 2,000 elements BUT NOT ALL ELEMENTS, e.g. Tick 'Select all' and then deselect at least one element
5. Click on 'Apply' button to execute the filter

Expected Result: The 'Selected' data in the Filter to be reduced by one so for eg: if total number is 2245 then deselecting one item should return 2244

Actual Result: The 'Selected' data in the Filter is reduced by an explained amount eg: number of 'Selected' data is reduced to 2217 instead of 2244 and also the number of rows of data returned in Ad Hoc View is further reduced by a 1000 rows which is 1217.

DE35789
Cosmetic
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT - List header only partially locks on various lookup popup screens throughout the application when using IE 11

STEPS TO REPRODUCE:

Note: This issue is not always reproducible when Microsoft Internet Explorer 11 is maximized on the laptop screen. However, it will be reproducible every time if the IE window is NOT maximized on the laptop screen. Issue will also occur if IE is being used on a different monitor either maximized or not.

1. Go to any page that has a lookup that returns enough records that require scrolling down the list. Example: Project Properties.
2. Click on the binoculars on this lookup. Example: Manager
3. Scroll down the list

Expected Results: The entire list header remains fixed at the top of the list.

Actual Results: Parts of the list header remains fixed. The remainder of the list header scrolls up with the list and eventually disappears. Users are scrolling through the lookup lists, and are having to scroll back down on the list in order to see the full header. A related new feature was added back in 13.1, but does not fully work when using IE 11.

DE35826
Major Problem
Fixed in 15.4.0.0

PPMSAAS_14.4_DEFECT - Error 401 when removing a tab from General View

STEPS TO REPRODUCE:

Setup a non-admin user with below access rights.
Groups -- No groups

Resource Access Rights - Instance:
Resource - Enter Time
Resource - Self (Auto)
User Favorites Menu - Edit

Resource Access Rights - Global:
Organizer - Access
Time Period - XOG Access
Timesheet approval - XOG Access
Timesheets - Approve All
Timesheets - Edit All
Timesheets - Navigate

1. Under General view, click Mange Tabs, then click New.
2. Add a new tab then Save.
3. Return to the General view. You will see the new Tab.
4. Click on the new tab.
5. Go back to Manage Tabs and remove the newly added tab.
6. Click Return.

Expected Results: User should be directed to the available Tab without any error.
Actual Results: Error 401 - Unauthorized to view the page. If you are sure you have access, try logging in again or contact your system administrator. In the current context, it is trying to navigate to http://CA-PPM-INSTANCE/niku/nu#action:copIssuesRisks (Risks, Issues and Changes tab), for which user does not have access. In other environments, it might be a different page.

Workaround:
1. Log in to CA PPM.
2. Create a new tab using Manage Tabs option and return. User would see Newly added tab along with other available tab for his login. Whenever user wants to delete the newly added tab, have users be in General tab and make use of Manage tabs to delete the newly added tab.

DE35878
Minor Problem
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT - Portfolio Waterlines Primary Constraint for Budgeted Cost

When you go into the Portfolio, Waterline page and click on Define Ranking rules, you see a lookup list for 'Primary Constraint'. Users cannot use the Budgeted Cost as a Primary Constraint in their Waterlines

STEPS TO REPRODUCE:

1. Create a portfolio with some investments with different planned and budgeted costs and benefits and some risks. Use 'Application Management' portfolio from sample PMO Accelerator data
2. Set up the portfolio distributed targets for costs and benefits
3. Define the Primary Constraint = Planned Cost
4. Define the Weighted Ranking Rule = Risk / higher is better
5. Run Ranking Rules
6. As Expected - The list is properly ranked by Risk and the waterline appears in the proper position to separate investments based on the primary constraint for planned costs
7. Now change the Primary Constraint = Budgeted Cost
8. Keep the Weighted Ranking Rule = Risk / higher is better
9. Run Ranking Rules

EXPECTED: the waterline should appear above line 10
ACTUAL: The waterline is above row 1 – not in the correct place.

DE35907
Minor Problem
Fixed in 15.4.0.0

Unable to open a project in MSP if a calendar associated with the project has more than 51 characters

Unable to open a project in MSP New Driver if a calendar associated with the project (either the Standard Calendar, or any resource calendar that is on the team) has more than 51 characters. When you open the project, you see a Microsoft Project message “An Import error occurred. The element in the element with = 1 (Or ID of the respective calendar) has invalid data. The calendar name does not exist. Click a calendar in the list, and then press Enter. After you click OK, the project opens blank. This does not happen in the legacy driver, and is not reproducible in MSP Standalone. In 15.1/15.2, the behavior observed can be slightly different in that you can't always reproduce this issue unless the Calendar is the Standard Calendar in the application. (See also DE32693 and https://www.ca.com/us/services-support/ca-support/ca-support-online/knowledge-base-articles.TEC1185235.html.)

STEPS TO REPRODUCE:

1. In PPM, create a calendar with more than 51 characters:
    - Go to Administration->Project Management ->Base Calendars and click New.
    - In the Calendar Name field, enter a name with more than 51 characters (Calendarcharacterlengthissuewithmspnewdrivertest1234)
    - Click the check box next to Standard to make it the Standard calendar
    - Click ‘Save’
2. Create a new project in PPM with one task (No tasks are needed to reproduce this issue, this is to show the affect of the project also being blank in MSP)
3. Attempt to open the export the project from PPM to MSP

Expected Results: Project opens successfully with the one task shown on the project

Actual Results: When you attempt to open the project, you first see a Microsoft Project message “An Import error occurred. The element in the element with = 1 (Or ID of the respective calendar) has invalid data. The calendar name does not exist. Click a calendar in the list, and then press Enter.” Once you click OK to the message, the project opens blank with no data.

Notes:
1. You can also reproduce this issue with calendars that are not the standard by associating a resource on the project team with that calendar in 14.4 (In 15.1/15.2, the behavior is slightly different in that you can't always reproduce the error unless the Calendar is the Standard Calendar in the application which appears to be because of a separate calendar defect DE32693 that was introduced in 15.1 and then fixed in 15.3. In 15.1 and 15.2, the resource calendar with the issue may not always be exported to MSP because of DE32693)
2. If this project is a subproject of another project, when you attempt to open the master project associated with the problem project, you'll see the following: A popup window opens looking for the file in the MSP Bin folder "Example: Program Files (x86) -> CA -> PPM - CA PPM MSP Interface -> Bin". A message at the top of the window states "Cannot find inserted project - ...". When you click Cancel, it takes you to just a list of the sub projects, and no actual tasks for the projects.

Workarounds: Reduce the length of the calendar name to be less then 51 characters:
1. Go to Administration->Project Management ->Base Calendars
2. Click on the calendar with the issue
3. Click on the ‘Edit Calendar Properties’ tab
4. In the Calendar Name field, change the name of the calendar to be less than 51 characters
5. Click Save.

DE35921
Cosmetic
Fixed in 15.4.0.0

'Capacity vs Demand by Role' report doesn't show the unstaffed role when only one role is selected

In the 'Capacity vs Demand by Role' report in Jaspersoft, "Populate Resource Role", "Show Roles With No Capacity" and "Include Unstaffed Roles" options are selected. When we select multiple roles, both staffed and unstaffed, the report displays correctly, showing lines for all roles. When we select only unstaffed roles, the report shows no data. We suspect there is a bug in the query for the Allocation Subreport.

STEPS TO REPRODUCE:

1. Create a new role with Availability 7 hours. Check the Include Unstaffed Roles box and leave all other filter options as default.
2. Allocate the new role to 2 or 3 projects as a team member, no assignments to tasks and keep the role unstaffed.
3. Run the Load Data Warehouse jobs
4. Run the Capacity vs. Demand by Role report filtering by the role previously created.

Expected Results: To see data returned for the new role

Actual Results: This message appears when the new role is selected: “No matching records were found”. (Results are found when both DBA and the new role are selected.)

DE35923
Major Problem
Fixed in 15.4.0.0

Allocations entered on Team Detail page are not rounding correctly for XOG'd in project

Entering allocation values entered on team detail page are rounding incorrectly for project that has been imported through the XOG with no start and end dates specified in the file. Entering allocations into the team detail page cannot be guaranteed to store or display the values correctly.

STEPS TO REPRODUCE:
1. Set admin option "Allow mixed booking" to true
2. Create a 'template' project. Dates are not important
3. Create a XOG which creates a new project from this template and WITHOUT the start/finish dates (example below)
4. In Classic PPM, staff the new project with one team member
5. Navigate to team detail grid and then configure the 'Allocations by Period' field to show 'Allocations' and 'Hard Allocations'
6. Back in the detail grid, enter a different value for Allocation and Hard Allocation in the first period and 'Save'

Expect: Values are retained
Actual: Hard allocation value changes to a different value.

Example XOG:

```
<?xml version="1.0" encoding="UTF-8"?>
<NikuDataBus xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="../xsd/nikuxog_project.xsd">
        <Header version="6.0.11" action="write" objectType="project" externalSource="NIKU"/>
          <Projects>
                <Project name="myFromTemplate2" projectID="mytemplate2"
                        managerResourceID="admin" fromTemplate="mytemplate1" active="1" openForTimeEntry="true" trackMode="2" format="0">
                        <General addedBy="admin" addedDate="2017-07-14"/>
                </Project>
        </Projects>
</NikuDataBus>
```

Expected Results: All the allocations will display the values entered correctly
Actual Results: For a number allocations entered the value is rounded down but not all.
Workaround: Add a project start and end date to the XOG file.

DE35935
Minor Problem
Fixed in 15.4.0.0

Vulnerability CWE 255 Credentials Management

This security issue has been resolved.

DE35949
Major Problem
Fixed in 15.4.0.0

“Change in ETC” Red Instead of Green in Investment Time and Estimate Review Report; “Adjusted Plan ETC” on Timesheet Overview, Pending Estimates Review Page Also Red Instead of Green

The Investment Time and Estimate review report highlights the 'Change in ETC' as RED when it is negative (ETC is reduced). It should be green. Similarly, the 'Change in ETC' is highlighted as GREEN when the ETC is positive (increased). It should be red. In the PDF guide it states the following under the section titled: Investment Time and Estimate Review “Green. The recommended Change in ETC is negative, indicating the ETC should be decreased for the task. Red. The recommended Change in ETC is positive, indicating the ETC should be increased for the task.”

STEPS TO REPRODUCE:

1. Create a project and assign a resource to a task
2. In the ‘Task Assignments’ page, click on the properties icon for the assigned resource
3. In the ‘Assignment Properties’ page enter in a value of say 100 in ‘Pending ETC’ field and click ‘Save And Return’
4. Go to ‘Resource Management: Timesheet Overview’ page and see that the ‘Recommended Change in ETC’ is 36.00 and the ‘Increase/Decrease in ETC is a white cross in a red diamond icon.
5. Go back to the ‘Task Assignments’ page, click on the properties icon for the assigned resource and in the ‘Assignment Properties’ page make the field ‘Pending ETC’ field blank and click ‘Save And Return’
6. Go to ‘Resource Management: Timesheet Overview’ page and see that the ‘Recommended Change in ETC’ is (54.00) in red and the ‘Increase/Decrease in ETC is a green diamond icon. ETC should be green not red.
7. Run ‘Load Data Warehouse’ job
8. Go to Advanced Reporting and run the ‘Investment Time and Estimate Review’ report.

Expected Results: To see the “Change in ETC” in green in the “Investment Time and Estimate Review” report and to see the “Adjusted Plan ETC” in the “Timesheet Overview -> Pending Estimates Review” page to be green.

Actual Results: The “Change in ETC” is in red in the “Investment Time and Estimate Review” report and the “Adjusted Plan ETC” in the “Timesheet Overview -> Pending Estimates Review” page to is red.

DE35999
Minor Problem
Fixed in 15.4.0.0

Session logout issue while Navigating between Classic and New UX

The Classic UX session gets logged out while navigating to new UX and coming back to Classic.

DE36017
Major Problem
Fixed in 15.4.0.0

When creating instances of the grand child object via XOG it is only creating/updating instances in the first project

When creating instances of the grand child object via XOG it is actually only creating/updating instances in the first project mentioned in the XOG input file.

STEPS TO REPRODUCE:
1. Create subobject of project object called ks_sub1.
2. Create subobject of object ks_sub1 called ks_sub_sub1
3. Navigate to Home->Projects and create or select any project.
4. Under Properties drop down select ks sub1 list and create an instance with name and code equals to "ddd"
5. Navigate to Home->Projects and create or select another project.
6. Under Properties drop down select ks sub1 list and create an instance with name and code equals to "ddd"
7. Attempt to create instances via XOG for ks_sub_sub1 object that was created in Step 2.
8. Notice that a second instance that should be created in the second project is not created; instead it updates the same instance that was created in the first project.

Expected Results: Instances should be created/updated for different projects.
Actual Results: Instances are created/updated in the first project mentioned in the XOG input file.
Workarounds: Do not reference same parentInstanceCode in the same input file when creating/updating instances of the grand child object.

DE36029
Cosmetic
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT: Issues with the post timesheets when you adjust it ETC change

Problems with ETC when you adjust the timesheet. When you post a timesheet leaving a task with 0 ETC and then you make an adjustment, the ETC value increments by itself. It looks like it takes the value of the total. This also happens with fixed duration tasks.

STEPS TO REPRODUCE:

1. In classic PPM, create a project and assign resource to the project.
2. Create a task and assign the resource to that task at 100%. (For example, a task of 16 hours for 14 and 15 of August)
3. Go to timesheet and search the timesheet for that resource.
4. Populates the timesheet for the 2 days, 16 hours, leaving the ETC at 0.
5. Post the timesheet.
6. Go to the posted timesheet and click on adjust.

Expected Results: The timesheet should show 0 ETC since we populate the timesheet with all the hours (in this case 16).

Actual Results: The timesheet populates with 16 total hours but the ETC increments to 16 hours as well.

DE36050
Cosmetic
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT - New User Experience site - uploaded documents error

In New UI at some places like document upload page, x-api-next-string is passed as request parameter instead of header ad this causes the URL to be long and doesn't work in load balancer like IIS.

STEPS TO REPRODUCE:

1. Set up a PPM 15.2 instance on IIS
2. Navigate to Document upload page and URL will look like:

```
https://EXAMPLE-sandbox2.EXAMPLE.com/ppm/rest/v1/virtual/attachments/eyJyZXNvdXJjZMTMyLCJ2ZXJzaW9uSWQiOjcmNlTmFtZSI6%0AInByb2plY3QU2MTUwMTN9?
x-api-next-string=U1dWS1pGZDJeFJNbmhvWTCamJUbDFXbmM5UFE9PQ==.....
```

Expected Results: The user should be able to upload a document
Actual Results: User get 401 page not found. (microsoft IIS has limitation on 260 and it truncates the URL)

DE36104
Minor Problem
Fixed in 15.4.0.0

PPMOD_15.1_DEFECT - Waterlines horizontal layout

In PPM 15.2, if I use large digits cost value, bottom boxes of waterlines are not aligned horizontally.

STEPS TO REPRODUCE:

1. Create portfolio and including some project.
2. Set large cost value.

DE36128
Major Problem
Fixed in 15.4.0.0

Allocation cost is not calculate correctly

The Allocation Cost in the Team Tab is always calculated as $3600 per hour even if there is a rate matrix defined or not. The allocation cost is reporting incorrectly; not helping us forecast the cost on the project from the Team page.

STEPS TO REPRODUCE:

1. Login and navigate to Projects
2. Create a new project but don't define the rate matrix
3. Navigate to the team tab and add any resource
4. Allocate the resource for a total of 10 hours.
5. Run the Rate Matrix job (required to be executed if you have a matrix and when on-the-fly option is turned off)
6. Run the Update Cost Totals from the Team tab

Expected Results: The allocation cost should either be 0 or should be using 1$ per hour.
Actual Results: The cost is calculated with $3600 per hour. In the above example, the allocation cost shows as $36,000.

DE36155
Minor Problem
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT -Converting an Idea with a Benefit Plan (having a Null Benefit and non-zero Realized Benefit) to a project throws Error 500

Converting an idea with a Benefit Plan (having a Null Benefit and non-zero Realized Benefit) to a project throws an Error 500.

STEPS TO REPRODUCE:
1. Create an Idea and fill in all required fields
2. Create a Benefit Plan
3. Create at least one row on the Benefit Plan
4. Enter a value for the 'Realized Benefit' field for at least one period on the TSV
5. Leave the Benefit amount blank
6. Submit the Idea for Approval, Approve and Convert the Idea to a Project with the 'Copy Financial Properties and Financial Plans' box checked.

Expected Results: The Idea is converted, the Benefit Plan copied over, and no errors are thrown.
Actual Results: The Idea is converted, but the Benefit Plan does not get transferred over. The new project properties throw an 'Error 500 - Internal Server Error...' error as soon as the page is saved.

ALTERNATE STEPS TO REPRODUCE: This issue also occurs when copying a project from template:
1. Create a Project and fill in all required fields.
2. Create a Benefit Plan
3. Enter at least one row on the Benefit Plan
4. Enter a value for the 'Realized Benefit' field for at least one period on the TSV
5. Leave the Benefit amount blank
6. Mark the project as a template
7. Go to the project list and create a new project from template using the template created on steps 1-6

Expected Results: The project is created successfully. The Benefit Plan is copied over, and no errors are thrown.
Actual Results: The project is created, but the Benefit Plan does not get transferred over. The new project properties throw the following two errors: 'Error 500 - Internal Server Error...' and 'The Copy from Template operation failed to complete successfully. The project has not been fully realized based on the template.'

DE36169
Major Problem
Fixed in 15.4.0.0

New UI - Published Status Report has incorrect report date

New UI - Published Status Report has got incorrect report date.

STEPS TO REPRODUCE:

Scenario # 1:
1. Login into the application using classic UI.
2. Navigate to any project and create a draft status report with Report date as "01-Jul-2017"
3. Login in to application using New UI
4. Navigate to the same project what we have used in Step #2
5. Publish a status report

Expected Results: The Status Report should get created with today's date, 16-Aug-2017.
Actual Results: The Status Report is picking up the Report date of the latest draft available in the project: 01-Jul-2017 in this example.

Scenario # 2:
1. Login into the application using new UI.
2. Navigate to any project and publish a status report.
3. We will be getting one Final Report & one Draft report with current date (if today is 16-Aug-2017, we get a Draft Report dated 16-Aug-2017).
4. Now, users publishes a status report on the same project very next day (17-Aug-2017)

Expected Results: The Status Report should get created with 17-Aug-2017 date.
Actual Results: The Status Report is picking up the Report date of the latest draft available in the project: 16-Aug-2017 in this example.

DE36193
Major Problem
Fixed in 15.4.0.0

When XOG in process definitions Notification information for Custom Script Action is not carried over

STEPS TO REPRODUCE:

1. Create a process no need for associating to any object.
2. In the Start Step click on New under Actions and select Custom Script
3. Provide Action Name and Action ID, just put any sample GEL script.
4. Update Notifications section, check When step action is performed, add resource to Send Notification To and check Notify Owner. Click Save and Return.
5. Connect Start and Finish step and Validate the process
6. XOG out process using bpm_processes_read.xml
7. XOG in the output from step 6
8. Notice on the target system that Notifications section did not get updated

Expected Results: Notification section should be updated.
Actual Results: Notification section does not get updated.

DE36194
Minor Problem
Fixed in 15.4.0.0

Notify Owner under Notifications section does not get updated when process is being XOGed in

STEPS TO REPRODUCE:

1. Create a process no need for associating to any object.
2. In the Start Step click on New under Actions and select Manual Action
3. Provide Action Name and Action ID, Subject and Assignees.
4. Update Notifications section, check When step action is performed, add resource to Send Notification To and check Notify Owner. Click Save and Return.
5. Connect Start and Finish step and Validate the process
6. XOG out process using bpm_processes_read.xml
7. XOG in the output from step 6
8. Notice on the target system that Notify Owner under Notifications section did not get updated

Expected Results: Notify Owner under Notifications section should be updated
Actual Results: Notify Owner under Notifications section does not get updated

DE36233
Minor Problem
Fixed in 15.4.0.0

Attachment on Collaboration tab not working properly in Microsoft Internet Explorer

When you go to any project in collaboration tab > documents, when you try to click a document with accent like "Planificación" instead to download the files it appear the following message: The webpage cannot be found. This only happen in internet explorer, in chrome works OK.

STEPS TO REPRODUCE:

1. In Internet Explorer, log in to Classic PPM.
2. Go to Home > Projects
3. Choose any project with a document title that shows an accent mark symbol such as "Planificación" or add a document with the symbol.
4. Go to Collaboration tab
5. Go to the document with accent.
6. Click on the name

Expected Results: The system should ask to download
Actual Results: It appears the following error: The webpage cannot be found.
Workaround: Download documents using another procedure or remove the accent mark symbol on the documents.

DE36242
Minor Problem
Fixed in 15.4.0.0

New UI - Incorrect behavior while accessing Project Status Report via notification URL

STEPS TO REPRODUCE:

1. Log in to CA PPM New UI.
2. Navigate to any project and publish a status report
3. Copy the Project Status Report URL (this is ideally what process sends out via Notification to Project Managers).
4. Try accessing Project Status Report URL while User is already logged in which successfully redirects user to the Status Report page
5. But when accessing Project Status Report URL while User is logged out, the application prompts User to login to New User Interface and redirects user to Project List page instead of Project Status Report page.

Expected Results: Project Managers should land on to Project Status Report page for the URL they are accessing even after login.

Actual Results: After clicking on the Project Status Report URL, we are prompted to log in to New UI and taken to the Project List page.

DE36247
Minor Problem
Fixed in 15.4.0.0

PPMOP_15.2_DEFECT_ Internal Server Error when adding attributes to audit for Fiscal Time Period

Receiving Error 500 - Internal Server Error when adding attributes to audit for Fiscal Time Period; There are numerous admins watching the timecards. If any of them have to reopen a time period, it needs to be logged that they reopened a period, who did it, and for how long.

STEPS TO REPRODUCE:

1. Log on to CA PPM.
2. Go to Administration>>Objects.
3. Search for 'Fiscal Time Period'. Select Fiscal Time Period
4. Click on 'Audit Trail' tab
5. Under Attribute Audit section select an attribute and move to the Audited Attribute section
6. Select 'Save'

Expected Results: User will be able to save this change

Actual Results: Receive a 500 error.

DE36311
Cosmetic
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT: Processes that auto-start on benefit plan creation, cause system errors if the benefit plan gets deleted, before the process instance initiates

Processes that auto-start on benefit plan creation, cause system errors if the benefit plan gets deleted, before the process instance initiates. Sometimes a user can delete a benefit plan, because it was copied wrong. If the user deletes the benefit plan, before the process initiates causes system errors across the application

STEPS TO REPRODUCE:

1. Go to Administration > Data Administration > Processes
2. Create a process (bp) based on the Benefit plan object that auto-starts on creation and link it to the finish step
3. Create a project and financially enable it
4. On The Financial Plans tab, create a cost plan called CP, bigger the better
5. On The Financial Plans tab, create a benefit plan called BP, bigger the better and link it to the cost plan
6. Submit the cost plan for approval and approve it
7. Go to Administration > Data Administration > Process Engines and note the number of Completed Processes
8. On the Benefit Plan list, select the BP benefit plan and on the Actions menu click on Copy Benefit Plan
9. Create the copy of the Benefit Plan and click on Save and Return
10. Select the Benefit Plan copy just created and delete it
11. Go to Administration > Data Administration > Process Engines and check the number of Completed Processes again. There should be 1 more.
12. Click on the Completed Processes number and you get a system error The initiated process tab also throws a system error if you click on show all The Organizer processes tab also throws a system error

Expected result: A process should not auto-start if the linked instance is deleted. This should not cause a system error

Actual result: If you delete the benefit plan instance before the process initiates, you get errors.

Workarounds: Run the Delete Process Instance job and run it against the process that generated this instance.

DE36343
Minor Problem
Fixed in 15.4.0.0

MS Project integration fails when a task has Notes

In projects with tasks that include notes, attempting to open the project in Microsoft Project fails. If all notes of all tasks of the project are removed, the project can be opened in MS Project without problems.

Steps to reproduce:

1- Create a new project
2- Add one task with name 'test'
3- Save it and open through MS Project 2013 PT_BR language (integrated with the new PPM driver)
4- Closed it
5- Open the project through PPM
6- Click on the 'Task' tab and select a task (test)
7- Click on the link in the right called [Notes]
8- Click in 'new' button to add
9- Type 'test' in the Category and Note Text fields
10- Save and return
11- Try open this project through MS Project to see the error message
12- Closed the Project without save it, and remove from that task the note inserted
13- Now do you could open the Project through MS Project without error.

NOTE: With Project 2016 or 2013 (in English) we could not reproduce this issue.

DE36359
Minor Problem
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT - Cannot use New Res Planning Interface with NL keyboard

Inline edit of the allocation figures, on the Resource Planning grid in the new PPM GUI, is not feasible, when using AZERTY keyboard. In the AZERTY keyboard, the numbers are inputted using the combination keys, Shift + Numbers. This does not work in the Resource Planning grid.

STEPS TO REPRODUCE:

1. Ensure that AZERTY keyboard is set (such as French - Luxembourg, French - Belgium), on the language bar, for input purpose
2. Log into the new GUI of CA PPM of 15.1 / 15.2
3. From the Menu click on Resources link
4. Expand a Resource and click on the plus icon in order to search and add investments
5. Carry on inline edit, in order to input numbers in the Resource Planning grid, using the AZERTY keyboard

Expected Results: User should be able to input numbers in the Resoure Planning Grid in the new GUI
Actual Results: User is unable to input any numbers in the Resource Planning Grid

DE36369
Minor Problem
Fixed in 15.4.0.0

Overall Status indicator in New GUI does not reflect the data as per the latest Status Report

Overall Status indicator in New GUI does not reflect the changes made to the draft from Classic UI.

STEPS TO REPRODUCE:

1. Login as Administrator to CA PPM and Create a new project
2. Create status report from Classic UI with Status Report Update as “From Classic”, Schedule Status, Scope Status and Cost and Effort Status as “At Risk” and change Report Status to Final and Save the Report.
3. Go to new UI and look for the project – in the Project Tile page – the status of the Project Shows “On Track”
4. Click on the project and the status changed to “At Risk”
5. Go to the Status Tab and this will create a New Draft Status Report. Close the New UI Tab.
6. Get back to classic UI and list the status reports to see the latest Draft.
7. Edit the draft status report and change the Schedule Status, Scope Status and Cost and Effort Status as “Needs Help”.
8. Also Change the “Status Report Update” field to “From Classic draft edit” and change Report Status to Final and Save the report.
9. Navigate again to New UI in the Project Tiles page – you will still see the Project status as “On Track”
10. Click on the Project and the Conversation tab has the Status as At Risk
11. Go to Status tab and that has the status as “At Risk” still and is still reflecting the old Status Report. You can confirm this by looking at the Status Update filed which still has the text we entered in the first status report in step 2.

Expected Results: The Overall status indicator should show the status based on the latest Final Report.
Actual Results: The Overall status indicator continues to show the status based on the previous report from Classic UI

DE36409
Major Problem
Fixed in 15.4.0.0

When changing % Complete on a task, Material Resource cost changes by a small amount dependent on duration of the task using MSP

When changing % Complete on a task, Material Resource cost changes by a small amount dependent on duration of the task. Example, for a task that has a Material Resource assigned for 35 days at 5000 Units, the cost will decrease incorrectly by $.01 when you change the task % Complete to 50%. If you set up a task the exact same way, except the duration of the task is 32 days, the issue doesn't happen.

STEPS TO REPRODUCE:

1. In PPM, create a rate matrix with a rate of $1 for all resources for 1/1/2016-12/31/2017
2. Create a project, Open for Time, Track Mode set to None
3. Financially Enable the project (Financial Status = Open), and associate the project with the material rate matrix from Step 1 4. Add a Material Resource to the Team tab (ensure this Resource's track mode is set to None)
5. Run the Rate Matrix job with the first 3 options checked
6. Export the project to MSP
7. Add % Complete, Remaining Cost, Actual Cost, and Cost to the view in MSP (It's important to add Cost, as sometimes Remaining Cost and Actual Cost will appear okay, but Cost is incorrect.
8. Create a fixed unit task (auto scheduled) with duration of 35 days. (Example: Start date of 8/30/17 and Finish date of 10/17/17)(Note, it seems the duration impacts whether this issue will happen not. If you create a Fixed Unit task with a duration of 32 days, the Start date is 8/30/17, but the Task finish date is then 10/12/17 to coincide with the 32 duration, the cost issue does not happen)
9. Assign the material resource to the task and change the units to 5,000 so that Remaining Cost is now 5,000
10. To change the units, double click on the task and go to the Resources tab, change the value under Units for the resource to 5000 and click OK
11. Save the project plan to PPM and close the project in MSP
12. Open the project in MSP and change the task % Complete to 50%, then save and close the project (At this point everything is correct if you view the task assignment details in PPM)
13. Open the project in MSP and view the Cost value in MSP

Expected Results: Cost still shows as 5,000

Actual Results: Cost has decreased to 4,999.99 (If you save the project back to PPM, then ETC/Cost will decrease there as well)

DE36435
Minor Problem
Fixed in 15.4.0.0

PPMSAAS_15.2_DEFECT - Can't navigate "Back" from "Delete Instance" on Benefit Plan

Can't use "Back" button to return back to the Benefit Plan, once you have used "Delete Instance."

STEPS TO REPRODUCE:

* Home, Projects, choose a Project.
* Financial Plans, Benefit Plans, choose a Benefit Plan. Create a process to run on a Benefit Plan. It can be as simple as Start to Finish.
* Run the Process on a Benefit Plan: Processes, Available, select a Process and "Start"
* "Filter" until complete.
* Select Process and "Delete" (Delete the Process Instance on the Benefit Plan.
* "Yes" to "Alert: Do you want to delete the following process instances?"

Expected Results: Should have all menus present and be able to Back into the "Processes, Available" tab.

Actual Results: You are not returned to the correct location. You are returned to "Initiated" and the "Properties" and "Detail" tabs are missing. "Back" button doesn't get you back to where you were in one click.

Workarounds: Manually go back through Project - Benefit Plan. (Click back twice and chose from menu again.) Or take it from the Recently Viewed Items.

DE36468
Minor Problem
Fixed in 15.4.0.0

Baseline create [layout] view attributes discrepancy

When you 'create' a new baseline, it is NOT using the 'create' properties layout but instead using 'edit'.

STEPS TO REPRODUCE:

1. Log in as an Administrator
2. Navigate to Administration menu ->Studio->Objects and search for Baseline.
3. Click on Views tab and under Baseline Revision Properties and click on Layout: Edit
4. Add attribute to any section or if you change the section titles in the EDIT layout, you definitely see that it is using the EDIT layout.
5. Navigate to Home->Projects and select any project.
6. Under Properties select Baseline
7. Click on New and notice that when you 'create' a new baseline, it is NOT using the 'create' properties layout.

Expected Results: When you 'create' a new baseline, it is suppose to be using the 'create' properties.
Actual Results: When you 'create' a new baseline, it is NOT using the 'create' properties layout but instead using 'edit'.

DE36523
Minor Problem
Fixed in 15.4.0.0

Creating more than one TSV attribute in any Object results in negative values of these TSVs being put to DWH as zeros

STEPS TO REPRODUCE:

Project object is being taken as an example here. The STR holds good for other objects as well.

1. Navigate to the Project object
2. Create two TSV attributes
3. Populate negative values against these two TSV attributes
4. Open the PPM Database, and run the following query:select *from dwh_fct_project_v
5. Run Load Data warehouse job, and run the following query in the DWH Schema:select *from dwh_project_facts

Expected Results: The negative values mentioned in step 3, should be visible in steps 4 and 5.
Actual Results: The negative values have been replaced by zero in both steps 4 and 5.

DE36556
Minor Problem
Fixed in 15.4.0.0

Maximum open cursor exceeded Error when scheduled many instances of the Synchronize Portfolio Job to run at the same time in 15.2

See CLRT-81443.

DE36561
Cosmetic
Fixed in 15.4.0.0

Jaspersoft Server Cumulative Patch 6.2.1_5.2.1.4 Fails to Install

From the log file: .... [echo] Validating ${js.db.displayName} database connection at jdbc:oracle:thin:@oFl2-cpf-vir.EXAMPLE.net:1521/O121T:${oracleAttr.2}. Phase: [import-export-test] [echo] About to validate JDBC jar existence [echo] Look in: D:/jspatch4/bin/ieUtil/conf_source/db/oracle/native.jdbc [echo] Found jar file: assuming OK [echo] Jar or Jars found: ojdbc7-12.1.0.1.jar [select-sql] Failed to connect: IO Error: Invalid number format for port number [echo] Connection failed: [echo] SQLState: 08006 [echo] Vendor specific error code: 17002 [echo] Message: [IO Error: Invalid number format for port number] BUILD FAILED We edited the \webapps\reportservice\META-INF\context.xml file, changing the jdbc URL from "jdbc:oracle:thin:@o32-cpf-vip.bh.net:1521/O121T" to "jdbc:oracle:thin:@//o32-cpf-vip.bh.net:1521/O121T" The patch then failed again.

STEPS TO REPRODUCE:

1. Stop Jaspersoft Tomcat service.
2. Navigate to /bin from a Windows command line
3. Execute the command install.bat interactive
4. provide information prompts from the installer.

Expected Results: Jaspersoft patch installs without issue.
Actual Results: Jaspersoft patch fails to install when using an Oracle RAC that only has Oracle Service name, not Service ID.

(Note: Unable to reproduce in a test environment.)

DE36575
Major Problem
Fixed in 15.4.0.0

Synchronization Agile Central job fails when projects or tasks are associated to milestones

STEPS TO REPRODUCE:

1 – In PPM, create an AC to PPM integration with Agile Central providing the workspace, project and owner
2 – Create a project in PPM and link it to the integration created above
3 – Run the Synchronization Agile Central job (Rally Synchronization job)
4 - In Agile Central, add more than 20 milestones to the project used for the integration
5 – Still in Agile Central, create 3 or 4 features to the initiative created for the PPM project
6 – Add all milestones (more than 20) to the features (divide them by each feature)
7 – Run the Synchronization Agile Central job again

Expected Results: Features are created with the respective milestones and job completes.

Actual Results: Job fails with the following error because not all milestones are loaded from Agile Central java.lang.ClassCastExceptioncom.niku.nmc.agile.AgileIOException: 500api.internal ErrorAPI-1019 : Could not process the request due to internal error.

DE36585
Minor Problem
Fixed in 15.4.0.0

Financial Forecast Review by Investment report not showing correct numbers

The report Financial Forecast Review by Investment does not calculate correctly when there are unplanned lines. (See also DE33066.)

STEPS TO REPRODUCE:

1. Create a manual cost plan with 2 lines.
2. Create and Post financial transactions with some that match the plan lines and make some for unplanned lines as well.

Detailed Steps:
1. Financially enable a project and add 2 financially enabled resources. - If possible choose 2 resources with the same TRANSCLASS
2 Create a task so you can post transactions to it. You do not need to assign the resources to the task.
3 Create a manual cost plan. - Group by TRANSCLASS and RESOURCE - Add costs in current month for both lines.
4 Create and post a total of 4 transactions - 2 transactions for each resource - Use different transclass on second transaction for each resource My resources both had transclass of INTLABOR. I created 1 transaction for each resource with this transclass, and then 2 transactions for EXTLABOR transclass to create unplanned lines on the cost plan.
5. Post to WIP
6. Run Load DW
7. Run Financial Forecast Review by Investment for the specific investment. Choose Planned as the Financial Planned Type. Choose correct Fiscal Year. (No need to import the actuals back to the project.)

Expected Results: Numbers match the cost plan.
Actual Results: All numbers are doubled. Are they doubled because there are 2 unplanned lines?

DE36595
Cosmetic
Fixed in 15.4.0.0

When adding "Other Time" in Classic UX Timesheets, list filter section cannot be configured

The list filter section of "Add Other Time" for Classic UX Timesheets cannot be configured. After doing any changes in the filter layout (and/or adding or removing any attributes for the filter), all changes are lost after saving.

STEPS TO REPRODUCE:

(For a resource that is able to enter time for an "Other Work" NPIO)
1* Go to Home > Personal > Timesheets (classic UX)
2* Open a Timesheet where Other Time can be entered
3* Click "Add Other Time"
4* Click on Options > Configure
5* Click on List Filter Section > Layout
6* Change the List Filter configuration (i.e., move, add or remove an attribute)
7* Click on Save

Expected Results: Changes are saved

Actual Results: Changes are lost Note that when using the Save and Return button, the behavior is the same. Once the portlet is shown, it will still show older, unchanged layout.

DE36609
Cosmetic
Fixed in 15.4.0.0

Role count message appears twice after navigating beyond 1st page of 'Add Roles" in Targets tab of a portfolio

The limit count message appears twice after adding role from 2nd page or beyond of Add Roles popup in Targets of a portfolio.

STEPS TO REPRODUCE:

1. Be sure you have more than 20 (or more than 40) Labor Roles defined in the system so that the browse dialog window will generate more than 1 page of results for this issue
2. Create a portfolio
3. Click 'Targets' tab
4. Click 'Add Roles' button
5. Scroll to bottom of the 'Add Roles' popup - notice that the message is '0 towards the limit of 75 roles have already been added to the portfolio'
6. Click navigation arrow to go to 2nd page of 'Add Roles'

Expected Results: The message '0 towards the limit of 75 roles have already been added to the portfolio' should only display once

Actual Results: The message is shown twice:

> 0 towards the limit of 75 roles have already been added to the portfolio.
> 0 towards the limit of 75 roles have already been added to the portfolio

The message is duplicated on page 2 regardless if there has or has not been any roles added to the portfolio. If you have more than 40 labor roles, you can navigate to page 3 and the message is duplicated there as well.

DE36631
Minor Problem
Fixed in 15.4.0.0

When two attachments are deleted on the same subpage, you get redirected to the CA PPM Home page

Users lose track of where they were as the page gets redirected to the CA PPM Home page

STEPS TO REPRODUCE:

This only happens on an SSL (verified on a few OD environments) environment
1. Go to Administration > Studio > Objects > Project object
2. Create 2 attachment (single document) type attributes At1 and At2
3. Add these two fields to any project object subpage, let say the General section
4. Open an existing project and add a document to each one of the attachment type attributes
5. Save the changes
6. Click on X icon to remove the document from At1. Once done do the same for At2

Expected result: Documents are removed and you remain on the same page

Actual result: Documents get removed, but you get redirected to the CA PPM Home page

Workarounds: Click back on the back arrow of the browser to return to the previous page OR Remove the document from the At1 field > click save > Remove the document from At2 field.

DE36633
Minor Problem
Fixed in 15.4.0.0

Unable to add a team member to a project using the XML Open Gateway (XOG) if the resource ID contains an apostrophe

STEPS TO REPRODUCE:

1. Go to Home > Resource Management > Resources
2. Create a new resource called joxi. Ensure the resource ID contains an apostrophe: joxi'o
3. Create a project called joxi and add the resource created as a team member
4. XOG the project out by using the prj_projects_read.xml file
5. Delete the team member from the project
6. XOG the output file to add joxi as a team member

Expected result: Team member is added
Actual result: The XOG write throws an error and the team member is not added
Workarounds: Remove apostrophes from resource IDs. (However, if the resource is financially enabled, you can not modify the resource ID.)

DE36635
Minor Problem
Fixed in 15.4.0.0

New timesheet UX misaligned on large screens

When using a large screen, the new timesheet UX is not correctly aligned; refreshing the browser tab realigns the page correctly.

STEPS TO REPRODUCE:

1. On a large monitor, open any browser and get to the new UX login page.
2. Ensure the browser tab is maximized
3. Log in and go to the new timesheet UX
4. Open any timesheet and add some time entries, or edit an existing one that contains time entries
5. Timesheet details appear

Expected result: The daily headers and time entry cells to be aligned
Actual result: The daily headers and time entry cells are mis-aligned
Workarounds: Refresh the browser tab or minimize and maximize the browser tab.

DE36638
Minor Problem
Fixed in 15.4.0.0

Action Item throwing error when clicking Return

STEPS TO REPRODUCE:
1. Create a Process
2. Kick off the Process under Project>>Task
3. Create a New Portlet 'My Action Items"
4. Navigate to Task via Portlet.
5. From Main Page under My Action Items click on Action Item
6. There is an Object Link section. Click on the object
7. Once at the Object click 'Save and Return'

Expected Results: It will return to the General Overview page

Actual Results: Throws a CL-06036 error. Log files show below error Invalid Throw element, missing sub elements:com.niku.xql2.XQLVisitorException After troubleshooting we found that this is being caused by the Link defined in a field under the List Column Section.

DE36641
Minor Problem
Fixed in 15.4.0.0

Memory leak in PPM sync job with Agile Central may cause OutOfMemoryExceptions in the BG

BG is getting OOM exceptions. Analysis of heap dumps shows PerformanceMonitor TimingElements left over in threads that have run the Agile Central Sync job. Since the BG uses a thread pool and currently doesn't clear the thread local storage when the thread is finished executing a job these TimingElements can build up over time resulting in OutOfMemory.

Steps to Reproduce:

Not reproducible in house.

We suspect the Performance Monitoring of the sync job is implicated because a post-mortem study of the heap dumps shows the TimingElement of the Performance Monitor stack are still around for a few threads.

To resolve this issue, we clear the UtilityThreadLocal at the end of the BGTask execution, which is the thread used for a job. Since job threads are pulled from a threadpool any thread local storage allocated on that thread will remain active in the VM heap until the thread is re-used to process another job. Clearing the thread local storage at the end of the job thread processing will ensure the memory is reclaimed by the VM.

We also addressed the TimingElement stack entries piling up in the Performance Monitor. This was caused by a call to the PerformanceMonitor.start() without a corresponding PerformanceMonitor.end() for a particular monitor within the AC sync job.

DE36642
Minor Problem
Fixed in 15.4.0.0

Action Item Status is Open, but Process moved forward and Completed

Clarity lets the user change the status of the Action Item to Open after the user took an action and the process moved forward to the Next step.

STEPS TO REPRODUCE:

1, Login with Admin User and create a simple process 'myprocess': Primary Object=Project. Start Option On-Demand.
2. Create new Step 'mystep1' with a manual action 'myaction1'.
3. In action 'myaction1': Select Actions Approved and Rejected. Complete Action Item Message For Assignee: select resources A and B
4. Step 'mystep1': Post Condition: Decision Point (XOR) IF (Action Item.nt_step1.nt_action1 Number of assignees with Status Rejected >= 1) THEN GO TO Finish IF (Action Item.nt_step1.nt_action1 Number of assignees with Status Approved >= 1) THEN GO TO Finish
5. Start Step: Split Condition: Serial Go to Step 'mystep1' So, process Flow Diagram: Start -> 'mystep1' -> Finish
6. Validate and Activate the process
7. Open a Project. Go to Processes Tab. Initiate process 'myprocess'.
8. Go to Admin side. Processes. Initiated Tab. Filter by process 'myprocess'. Click on 'myprocess'. Click on 'mystep1'. This takes you to the Step Details page. Observe Status is Open for the Action Items for assigness A and B. = Browser 2, Login with User A:
9. Go to Organizer. Action Item tab. Click on the Action. This takes you to Action Item Details page. Observe Status is Open.
10. User takes an action by changing the status to Approve and clicks on Save button. Observe Status.

Expected Results: The status doesn't change immediately to Closed and doesn't get grayed out, so the user can still change the status. Stay in the Action Item Details page. 5. Refresh the Step Details page. Observe Status is Approved. = Browser 2, logged with User A: 6. User changes the status to Open and clicks on Save button. Observe Status. It gets changed to Closed and gets grayed out. = Browser 1, logged with Admin User: 7. Refresh the Step Details page. Observe Status is Open. Click on Back. Click on Return. 8. Observe process 'myprocess' status. Status is Complete.

Actual Results: The status should change immediately to Closed and get grayed out, so the user cannot longer change the status.

DE36645
Cosmetic
Fixed in 15.4.0.0

Error message when using Resource Management tool in new UX

When filtering on 'Resource Manager in new UI Resource Management, the message 'Creating instance of: odf personalization' occurs.

STEPS TO REPRODUCE:

1. Log in to the CA PPM New User Experience.
2. Navigate to the Resource Management (Staffing) page.
3. Select filters in 'Investment Resources' by selecting 'Investment Manager' and select one from the list.

Expected Results: the message 'Creating instance of: odf personalization' should not occur
Actual Results: 'Creating instance of: odf personalization' occurs towards the top while the filter is processing

DE36656
Major Problem
Fixed in 15.4.0.0

Time Scaled Value Navigation Jumps Periods

For the Object based Portlet to set up a Budget Capital view, the time scaled value navigation is not working properly. By changing the configuration of the Portlet (Number of Time Periods and Time Period Offset), we can see the amount in the desired Financial year but the same thing does not work when navigating right or left. It is showing incorrect data mixing one year with another while navigating.

STEPS TO REPRODUCE:
1. Log into CA PPM -> 'Administration' -> Studio: 'Portlets'
2. Click the 'New' button -> select 'Grid Portlet'
   a. Portlet Name: m_mags
   b. Portlet ID: m_m1
   c. Content Source: Customer
   d. Category: Business Intelligence
   e. Instance Type: General
   f. Object: Cost Plan Detail
3. Go to 'List Column Section' tab -> 'List Column Fields' -> click 'New' -> for the 'Display Type' select 'Time Scaled Value -> click on the 'Next' button and fill in these fields:
   Value Attributes: select 'Actual Cost' Column Label: call it 'test'
   Display Type: Number Start Date: Other date Time Scale: Year Number of Time Periods: 4
4. Go to the 'List Column Section' tab -> 'List Column Layout' -> move over the following from 'Available Columns' to 'Selected Columns':
   'Actual Units', 'Investment Code', 'Investment Name', 'Cost Type' 'test'
5. Then 'Publish'
6. Go to Home -> General page -> click on 'Manage My Tabs' (spanner icon)
7. Click on the 'New' button Tab Name: Test TSV
8. Go to the 'Content' tab and select 'm_mags'
9. Go back to the General page and click on the 'Test TSV' tab
10. In the 'Test TSV' tab click on Options icon which is located to the right hand side of the screen (it's the cog wheel icon) -> select 'Time-scaled Value'
11. Change the 'Time Period Offset' from '4' to '0' -> Save and Return
12. You should see the years 2017, 2018, 2019, 2020 for the TSV
13. Go back to the 'Test TSV' page and go to the TSV and click on the '>' icon to move forward in time
14. Now click on the '<' icon to move back in time

Expected Results: to see 2017, 2018, 2019, 2020
Actual Results: you see 2013, 2014, 2015, 2016, it misses out 4 periods, the 'Time Period Offset' is now -4

DE36657
Minor Problem
Fixed in 15.4.0.0

When the Gantt Primary bar is configured to show the label for the bar, the label is hidden behind the bar and is unreadable

STEPS TO REPRODUCE:

1. Go to Administration > Studio > Objects
2. Edit the Task object and go to Views > Gantt > Fields
3. Edit the Properties of the Schedule field
4. Primary Bar > Label for Bar > Set it to Task
5. This will display the task name along the Gantt bar
6. Go to any project and open it in Gantt
7. The Gantt bars display and the task name label is there.

Expected result: The bar label to be readable or placed above the bar.
Actual result: The bar label is behind and is un-readable.

Workaround: Mousing over gives you the details of the task behind.

DE36658
Cosmetic
Fixed in 15.4.0.0

Health report shows Oracle 11.2.* as compatible on CA PPM 15.3

As per the Release Notes, CA PPM 15.3 is compatible with the following releases (with some patch caveats)
* Oracle 12c R2
* Oracle 12.2.0.1 Standard and Enterprise Edition: version 12.2.01
* Oracle 12.1.0.2 Standard and Enterprise Edition: version 12.1.0.2.x

However, the CA PPM Health Report shows Oracle 11.2.* as compatible.

STEPS TO REPRODUCE:

1* Run the CA PPM Health Report from Administration > Security and Diagnostics > Health Report
2* Click on Database tab
3* Check the Database Parameters section

Expected Results: Only 12c R2, 12.2.01 and 12.1.0.2.x are marked as compatible.
Actual Results: Recommended (green) "Version" shows as "11.2.*||12.1.*||12.2.*" and Compatibility level, "11.2.0.4.*||12.1.0.2.*||12.2.0.*"

DE36665
Cosmetic
Fixed in 15.4.0.0

Health Report shows an error for Timeslice Setup for Week Start Dates on MS SQL environments

The Health Report is showing an error (red diamond) on MS SQL environments for the Data Warehouse > Timeslice Setup > Week Start Dates even if they are correct.

STEPS TO REPRODUCE:

(On a properly configured PPM environment using MS SQL)

1* Make all Weekly Time Slices start on Monday; verify the Administration > Project Management > Settings for the First Day of Work Week is a Monday.
2* Run the Administration > Security and Diagnostics > Health Report.
3* Go to Data Warehouse tab

Expected Results: If everything is properly configured, 100% will show up as green.
Actual Results: Week Start Dates will appear as red and a link to Fix it, pointing to Time Slice configuration.

(Note that in the described scenario, changing the First Day of Work Week setting to "Wednesday" will make it appear as correct / green).

DE36673
Minor Problem
Fixed in 15.4.0.0

Auto Numbering Issue For Resource ID Attribute

Auto-Numbering for Resource ID does not increment the numeric portion of the ID by one. There is large difference between the numeric portion of the ID that appears to be a function of time. This affects single app server systems and multiple-node app clusters alike.

STEPS TO REPRODUCE:

(1) Create an auto-assignment schema for the resource ID attribute on the resource object in Studio as follows: RES0000N, where N is the auto-assigned number.
(2) Create a new resource in Administration > Resources > New
(3) Wait several hours or days and then create a second ID on the same system

Expected Results: the resource IDs should only have a difference of one between the first resource and the second resource

Actual Results: is an increasingly large difference between N on the first resource ID created and the second resource ID that is created later, depending on the amount of time that has passed between creations.

DE36676
Major Problem
Fixed in 15.4.0.0

Timesheet filter screen: Filter label name mis-description in Japanese

In PPM 14.4, 15.1, 15.2, Label name of Date range: From/To in timesheet filter is not translated correctly in Japanese. On Date Range, "From" is translated in Japanese correctly, but "To" is not translated in Japanese correctly.

DE36682
Cosmetic
Fixed in 15.4.0.0

Cost Plan XOG Error

Cost plan XOG write only provides generic error message for business rules related issues, such as cost plan details having a clash (identical values) for grouping attributes.

STEPS TO REPRODUCE:

1. Install and configure PPM to be able to create a cost plan on an investment (e.g. requires entity and to populate department on investment record).
2. Create a cost plan on a new investment using the UI with basic details for just 1 cost plan detail entry, e.g.: Cost type: Operating Charge code: Labor Resource: admin Fiscal TSV: Any start date and period Value: 1
3. Once populated click Save and Return.
4. Use XOG costPlan_read.xml to read this cost plan for your investment. Put the results into my_costplan.xml
5. Delete the cost plan that you created in the UI.
6. Modify the XOG file my_costplan.xml and duplicate the element to create a second one with the same grouping attributes.
7. Use my_costplan.xml to write this cost plan to the investment.

Expected Results: It is expected to fail, but with a message that clearly states the grouping attributes in the detail that caused the issue to make it easier to identify and fix in a large cost plan entry.

Actual Results: The xog fails, but only gives this simple error message, and nothing goes into the app-ca log file either: An exception occurred while trying to update an object instance costplandetail

DE36698
Minor Problem
Fixed in 15.4.0.0

The same instance of the role cannot be assigned to a task if they are both not assigned at the same time

The same instance of the role cannot be assigned to a task if they are both not assigned at the same time. PMs are not able to assign multiple instances of the same role to a task, and they do not always have access to edit the 'Assignment Pool' field.

STEPS TO REPRODUCE:

1. Create a project in PPM
2. On the project properties change the Assignment Pool value to 'Resource Pool', if not already
3. Add the same role twice on the project. (For example: Architect)
4. Notice how the Team list has the same role listed twice: Architect and Architect(2)
5. Create a new task on this project
6. Under the Assignments section, click on Assign (Notice how both instances of the Architect (Architect and Architect(2)) appear on the list to select resource from.)
7. Select only one instance of the role (either one) and click on Assign
8. Click on Assign again to add the second instance of the role

Expected Results: The second instance of the role appears on the list of resources to select.

Actual Results: The second instance of the role does not appear on the list, so we can no longer assign the second instance of the role to this same task.

Workarounds: Change the 'Assignment Pool' value on the project to be 'Team Only'

DE36701
Minor Problem
Fixed in 15.4.0.0

When update date value of project sub-object, other string value is not updated if date value is incorrect date format

In PPM 14.4, 15.1, 15.2, when update date value of project sub-object, other string value is not updated if date value is incorrect date format.

DE36745
Major Problem
Fixed in 15.4.0.0

Idea Manager(Auto) Instance rights missing post-upgrade

Hundreds of instances of the 'Idea - Manager (Auto)' right were deleted from an environment. They are missing in both the UI and the database. They existed on a 13.3 instance, but once upgraded to 15.2, the majority of the instances (but not all) of this access right were deleted.

STEPS TO REPRODUCE:

1. Start with a PPM 13.3 instance
2. Run the following query in the 13.3 database:

```
select count(*) from cmn_sec_assgnd_obj_perm
    where right_id = (select id from cmn_sec_groups_v
    where group_name like 'Idea - Manager (Auto)')
```

Take a note of the count.
3. Upgrade this instance directly to 15.2
4. Run the same query from Step 2 on the upgraded database

Expected Results: The count to be the same as prior to the upgrade. The same query results as in Step 2.
Actual Results: The counts on Step 2 and Step 4 are not the same.

DE36786

Minor Problem

Fixed in 15.4.0.0

Fiscal Time Period Error

New periods must not create a gap with the existing periods message appears when modifying Period Name where there is no gap in periods.

STEPS TO REPRODUCE:

1. Create an Entity.
2. Create 24 monthly fiscal time periods (ensure there is no overlap of dates).
3. Open up one of the monthly fiscal time periods and modify the name.

Expected Results: A user should be able to successfully change the period name.

Actual Results: The message 'New periods must not create a gap with the existing periods' occurs

DE36806

Cosmetic

Fixed in 15.4.0.0

Cannot select custom attribute when building a Condition using “Days elapsed since step began”

Cannot select a custom attribute when building a Condition using “Days elapsed since step began”.

STEPS TO REPRODUCE:

1. Open Object: Project and create a Custom Attribute type Number with two Decimal Places. Id=mynum
2. Create a Process with Primary object Project
3. Go to Step: Start Under Post Condition click on [Build Condition]
4. In the Condition Builder:
    - Left: Object=Step.Star Field=Days elapsed since step began Operator=
    - Right: Object= Project.thisProject Field= try to select the custom attribute I created in step 1: mynum.

Expected Results: I should be able to select a custom field type number

Actual Results: The field mynum is not displayed in the list. The only fields available to select are: Actuals, Actuals Sum for Labor Resources, Current Baseline for Labor Resources, Current Baseline Sum for Labor Resources, EAC Sum for Labor Resources, ETC, ETC Sum for Labor Resources, Total Effort.

(Note: At the time, CA Support could not explain why those fields appear. Most of them are type Number and columns in INV_INVESTMENTS table and some are virtual.)

DE36817

Major Problem

Fixed in 15.4.0.0

Database metadata requested by portfolio sync accumulates in jdbc statement pool

Synchronize Portfolio Investments job makes calls to get the database metadata from the DBMS through the driver. Unless this metadata is changed during runtime, the data should be cached and reused. Instead, each run of the job repeats the same activity. When there are a lot of database connections in the pool due to normal usage (processes, gel scripts, background jobs) and then a large number of portfolios are scheduled to be synchronized, the potential for different connections to repeat this same effort (due to round-robin style use of the connections) increases further. Progress DataDirect drivers implement "statement pooling" as a client-side optimization. This can result in a large accumulation of the same statements in separate connections of the pool. Note: This might be an Oracle specific problem. Observations include 150-400 statement references per connection, >15k total for the connection pool, and then ultimately causing a BG crash due to java.lang.OutOfMemoryError.

STEPS TO REPRODUCE:
1. Pause all jobs
2. Restart the bg services and wait 5 minutes.
3. Capture a heap dump of the bg service with name initial.hprof, e.g. jmap -dump:format=b,file=initial.hprof {pid of bg service java.exe process}
4. Schedule and run a single instance of Synchronize Portfolios for a portfolio in the system. Aim for a simple portfolio with just a single project added to the portfolio contents.
5. When it completes, capture a heap dump of the bg service with the name first.hprof
6. Schedule and run the Synchronize Portfolios again with the same portfolio as before. Do this 5 times in total (so you will now have run the job a total of 6 times since starting).
7. When it completes, capture a heap dump of the bg service with the name second.hprof
8. Schedule and run a single instance of Synchronize Portfolios with a different portfolio ID than before. Aim for a different mix of investments in this one, you can also choose to include a child portfolio.
9. When it completes, capture a heap dump of the bg service with the name third.hprof
10. Analyze first.hprof, second.hprof, and third.hprof in Eclipse MAT
11. Open the OQL window for each parsed heap dump in MAT and issue the following query: select * from java.lang.String s where toString(s) like "SELECT null AS TABLE_CAT,.*"

Expected results: The quantity of results found by OQL between the "first" and "second" heap dump files should be approximately the same. It is expected that between "initial" and "first" there will be an increase (from zero). It is also reasonable to expect some small amount of increase between "second" and "third" dumps.

Actual results: The quantity of results found by OQL between the "first" and "second" heap dump files has increased significantly, maybe 5 times as much, although the actual amount will fluctuate and depends on various factors including the size of the database connection pool. The larger the number of connections due to processes and jobs concurrency, as well as having a larger number of portfolio sync jobs scheduled in a batch with the heap dump being taken during or immediately after this activity, will result in greater numbers. In some cases, this results in a complete BG outage as over 15k instances are found by OQL and the system crashes with a java.lang.OutOfMemoryError fault.

No portfolio sync jobs run, no processes exist, all jobs paused. OQL: 0 records
-First: Single portfolio sync job run, with a single project investment. OQL: 60 records
-Second: Single portfolio sync job run, with a single project investment. OQL: 118 records
-Third: 5 more portfolio sync jobs run, with a single project investment. OQL: 368 records
-Fourth: Single portfolio sync job run, with 'all' investments added. OQL: 368 records
-Fifth: Single portfolio sync job run, with a portfolio made up with just the other 2 portfolios added as children. OQL: 366 records
-Sixth: Resumed a number of other non-portfolio sync jobs, and took heap dump in middle of a portfolio sync run from with 2 portfolios added as children. OQL: 396 records
-Seventh: Heap dump taken after previous portfolio sync job completed. OQL: 396 records

DE36820
Major Problem
Fixed in 15.4.0.0

Portlet filter field issue

The root cause of this issue is with the object filter field properties POST request. It lacks URL encoding during the POST request for the url and return_url parameters. Examples of non-encoded parameters: &return_url=/niku/app?action=mainnav.work&url=/niku/app?action=mainnav.work

This should be URL encoded as the all other instances of the same parameter are encoded in PPM as...&return_url=/niku/app%3Faction=mainnav.work&url=/niku/app%3Faction=mainnav.work

Even the page before this properties page, the Filter List Column Fields page has its url parameter encoded properly.

Request URL: http://EXAMPLEdev221.webR.EXAMPLE.com/niku/nu?uitk.vxml=1&action=odf.objectUserFilterFields&view_code=projectList&object=project&component=projmgr&url=/niku/app%3Faction%3Dmainnav.work%26classCode%3Dproject&isUserPortlet=true&ui.page.space=mainnav.work&ui.page.template=union.appPage&viewCode=projmgr.projectList&id=projmgr.projectList&portletId=projmgr.projectList&portletType=grid&portletInstanceId=projmgr.projectList_odf&displaySelectedTypes=selected

STEPS TO REPRODUCE:

1. Navigate to the Project List View Home > Projects (or any other list view or portlet)
2. Select the configure (gear) icon on the portlet
3. Select the List Filter Section tab
4. Select the List Filter Section tab to expose subtabs
5. Select the 'Fields' subtab
6. Click on the properties icon of any field in the list

Expected Results: The properties page is displayed

Actual Results: A pop-up window is displayed with this error message: "Unable to process request - Server or Network error"

DE36843
Minor Problem
Fixed in 15.4.0.0

Cannot filter for timesheets using the ampersand character (&) in the New User Experience

Using & in project names and tasks is causing problems when searching in the new UI timesheets.

STEPS TO REPRODUCE:

1. Create a Task called "Work & Travel" and assign a Resource
2. Create a Task called "Work > Travel" and assign a Resource
3. Click on Home -> click on 'Link to New Timesheet'
4. Navigate to Timesheets and select the assigned resource.
5. Select '+ WORK'
6. In Search window use field task and Type " Work &"

Expected Results: For the filter to return results containing the "Work &"

Actual Results: Error Message API-1006 : The value ''work' for Attribute 'taskName' is not in expected format or is invalid. appears.

DE36864
Minor Problem
Fixed in 15.4.0.0

Update PPM SaaS Health Check Report

STEPS TO REPRODUCE:

1. Log in to CA PPM SaaS 15.2 or 15.3.
2. Navigate to the new Health Report.

Expected Results: All data is appropriate for SaaS instances. On-prem health reports show appropriate data for on-premise configurations.

Actual Results: Some of the on-prem data does not apply for SaaS instances.

DE36869
Minor Problem
Fixed in 15.4.0.0

Save and Return from subobject instance is taking you to the list instead of going back to the portlet

Save and Return from subobject instance is taking you to the list instead of going back to the portlet where you came from.

STEPS TO REPRODUCE:

1. Login as Admin to CA PPM.
2. Create subobject i called (maria) with project as parent.
3. Create query as below:
```
        SELECT   @SELECT:DIM:USER_DEF:IMPLIED:obj:id:id@,
          @SELECT:DIM_PROP:USER_DEF:IMPLIED:obj:name:name@, @SELECT:DIM_PROP:USER_DEF:IMPLIED:obj:code:code@,
          @SELECT:DIM_PROP:USER_DEF:IMPLIED:obj:last_updated_date:last_updated_date@,
          @SELECT:DIM_PROP:USER_DEF:IMPLIED:obj:last_updated_by:last_updated_by@  FROM     odf_ca_maria
        WHERE    @filter@
```
4. Under linking tab in the Query click on New Link and select Action to point to Maria Properties (subobject created in step 2)
5. Create portlet based on based on query created in step 3.
6. Click on List Column Section and Fields and click on id field properties to make it appear as link, under Link select the link you created in step 4 and then also select 'Open as Pop-up' now click Save and Return
7. Navigate to Home->Projects and select any project to open Properties
8. Click on Dashboard tab and click on manage Project Tabs and create new Tab
9. Place newly created portlet from step 5 on the tab
10. Navigate to the Tab and click on the id link to go to the properties of that subobject instance and then click on Save and Return or Return and it will take you to list of instances of that subobject instead of back to portlet.

Expected Results: It should take user to the portlet from where you click to the link.

Actual Results: It is taking user back to the subobject instance list.

DE36882
Minor Problem
Fixed in 15.4.0.0

Load Data Warehouse job fails with database lock ORA-00054: resource busy and acquire with NOWAIT specified or timeout expired

Load Data Warehouse job fails with database lock ORA-00054: resource busy and acquire with NOWAIT specified or timeout expired.

STEPS TO REPRODUCE:
This is a new defect (or a scenario related to DE28864 CLRT-81011). It's very intermittent so not possible to reproduce in house.

Expected Results: The job to complete successfully every time.

Actual Results: The Load Data Warehouse job fails intermittently (sometimes once per month) with error ORA-00054: resource busy and acquire with NOWAIT specified or timeout expired. Any Full or Incremental Load after this will also fail until the lock is removed.

This was partly fixed by the fix for defect DE28864 CLRT-81011. However it doesn't seem like all the scenarios were addressed.

DE36919
Minor Problem
Fixed in 15.4.0.0

The term 'Blueprints' has a bad translation into Brazilian Portuguese

The term 'Blueprints' has been translated as "Planos estratégicos" rendering a completely different meaning. "Blueprints" is a term we should not translate, in Brazilian Portuguese – although it is a foreign word – we use the same term as in English, "Blueprints" – if absolutely necessary to find a term in Portuguese, please use "Esquema" (singular) or "Esquemas" (plural) but preferably we would like to keep "Blueprints" as "Blueprints" in Portuguese.

DE36920
Minor Problem
Fixed in 15.4.0.0

The term 'Blueprints' has a bad translation into Spanish

The term 'Blueprints' has been translated as "Planes técnicos", rendering a different meaning. "Blueprints" in Spanish should be translated as "Esquemas" (plural form) or "Esquema" (singular form).

DE36934
Minor Problem
Fixed in 15.4.0.0

Over/Under Allocation by Resource report for week ending displays columns with dates that are at the start of the week

Users find the Over/Under Allocation by Resource report when using a period of *week* because the week ending starts at the beginning of the week. After selecting a value of *Week* for **Period Type** input control of the Over/Under Allocation by Resource report, the output shows weekly columns with dates that start at the beginning of the week and not the end of the week as the subheading suggests.

STEPS TO REPRODUCE:

1. Log into CA PPM with a user that has access to Advance Reporting.
2. Select the Home tab then Advanced Reporting
3. Select Over/Under Allocation by Resource report
4. Make sure the Period Type is *Week*.
5. Click the Apply button

Expected Results: The Remaining Capacity Week Ending columns should have dates that are at the end of the week
Actual Results. The Remaining Capacity Week Ending columns have dates that are at the start of the week.

DE36936
Minor Problem
Fixed in 15.4.0.0

Link broken to Classic view from new UX

When trying to get back to the Classic UX from the new UX page, we get a 404 error.

DE36948
Major Problem
Fixed in 15.4.0.0

OWB error "com.niku.sse.exceptions.SEInvalidDateException IDR_DATE_ERROR_IN_AUTOSCHEDULE"

Cannot use the workaround provided in CLRT-15366. In a project, auto scheduling results in the following error message: com.niku.sse.exceptions. SEInvalidDateException IDR_DATE_ERROR_IN_AUTOSCHEDULE: IDR_DATE_ERROR_IN_AUTOSCHEDULE

STEPS TO REPRODUCE:

1. In OWB click on Autoschedule
2. Only tick 'Schedule Assignments on Locked Tasks'
3. Click 'OK'

Expected Results: For the task to autoschedule successfully.

Actual Results: com.niku.sse.exceptions.SEInvalidDateException IDR_DATE_ERROR_IN_AUTOSCHEDULE: IDR_DATE_ERROR_IN_AUTOSCHEDULE
In some cases, the scheduling of the ETC does not work.

DE36970
Minor Problem
Fixed in 15.4.0.0

Budget Plan revision number is duplicating

When a cost plan is submitted for approval using the merge option, the budget plan is created but the revision number which should ideally be incremented remains the same. In short, there are more than one Budget Plan in the system for the same project with the same revision number.

STEPS TO REPRODUCE:

- Select any project which already has one cost plan and atleast one budget plan
- Create a monthly cost plan for a project Start : 2017-12 Finish: 2018-03
- Navigate to details tab of the cost plan and input Planned Cost for few months
- Save and return back to the Cost Plan List page
- On the right corner, under Actions, Submit Plan of Record for Approval
- Retain all values as it is and make sure the SUBMIT OPTION is MERGE.
- Submit for Approval

Expected Results: The revision number of the above submitted budget plan will have the highest number and there are no duplicates.

Actual Results: The revision number is 0 and is duplicated.

DE36987
Minor Problem
Fixed in 15.4.0.0

Capacity vs. Allocation by OBS filters out the Roles incorrectly

Capacity vs. Allocation by OBS filters out the Roles incorrectly

STEPS TO REPRODUCE:

1. On an environment with many roles and Data Warehouse and Jaspersoft configured, connect to Advanced Reporting
2. Open report Capacity vs. Allocation by OBS
3. Fill in a general OBS to cover all scenarios
4. Now select Populate Resource Role
5. Select one Role
6. Uncheck Show Graphs
7. Click Apply
8. Repeat until you find a role that returns "No Matching Results"
9. Find a role that has results returned
10. Once done, select both roles and run the report

Expected Results: Report to return data for one role only as the other one has "No Matching Results"

Actual Results: Report returns data for both the 'empty' role and the role with data. The affected 'empty' roles had data but not on project with OBS set up. Or some had no capacity but demand only.

DE37003
Minor Problem
Fixed in 15.4.0.0

Advanced Reporting - Time Compliance Detail CSV download corrupt - shifting column - OBS Levels

STEPS TO REPRODUCE:

1. Make sure you have timesheets for several resources in different levels of a top OBS.
   For example: I have timesheets for resources in these levels:
   DWH Default - Level 1 Business Systems - Level 2 Presales - Level 2
2. Run the Time Compliance Detail Report and choose the Resource OBS Type for the above resources.
   Choose the Resource OBS Unit: top level
   Select several time periods
3. Run the Report
4. Verify that the report shows the different OBS Levels in the left column.
5. Save as CSV and open in Microsoft Excel.

Expected Results: All columns will line up.
Actual Results: At the row where there is the second level OBS, the columns shift to add the OBS to column B.

DE37004
Major Problem
Fixed in 15.4.0.0

Static Multi Valued Lookup Attributes not working on Baseline Object

When defining a Static Multi Valued Lookup Attribute on the Baseline Object and adding the attribute as required to the Properties Create and Change layout, the attribute can be saved without a value on a Change, and when using Auto Suggest to enter a value, the value is not saving on the Create or the Change. This problem appears to be related to the Baseline object because if the same Lookup is used for an attribute on other objects, such as Project, it works as expected.

STEPS TO REPRODUCE:
1) Create a new static lookup (Baseline Reason) with a Sort Order of Alphanumeric and the following:
   a) Hidden Key can be LOOKUP_CODE or LOOKUP_ENUM; Display Attribute of NAME.
   b) Add several Lookup Values (ie. Other, Required, Design, Scope, Software, Resources, Requirements).
   c) Make sure "Auto Suggest Enabled" is checked.
2) Select the Baseline object and add a New Attribute (Primary Baseline Reason) with the following:
   a) Select Data Type of Multi Valued Lookup.
   b) Select lookup of "Baseline Reason".
   c) Check the "Value Required" checkbox.
3) Go to the Baseline Views tab and add the "Primary Baseline Reason" attribute to the General section of both the Create and Edit layouts.
4) Go to Home -> Projects and select any Project.
5) Create a new Baseline for the project. Fill in the required fields (Revision Name, Revision ID). For the Primary Baseline Reason, type "s" to enable the Auto Suggest and select "Scope" or "Software". Click Save. Notice the value is wiped out, but since it is required, you cannot save without a value. So, you have to use the Browse to select a value, and then click Save and Return.
6) Edit the same Baseline created in step 5. Click the "x" in the Primary Baseline Reason to clear the value. Click Save and Return. Notice it saves even though this is a required field.
7) Edit the same Baseline again. Type "re" in the Primary Baseline Reason, and select one of the 3 values. Click Save. Notice the selected value is cleared.

Expected Results: A Required attribute on the Baseline object that is left blank on a Change is flagged with an Error. When Auto Suggest is used to enter a value on a Baseline attribute, the value should be Saved when pressing Save or Save And Return.

Actual Results: A Required attribute on the Baseline object can be Saved with a Null value when Changing an existing Baseline. When Auto Suggest is used to enter a value on a Baseline attribute, the value is cleared when pressing Save or Save And Return.

DE37008
Major Problem
Fixed in 15.4.0.0

Load Data Warehouse - Incremental fails with ORA-01452: cannot CREATE UNIQUE INDEX; duplicate keys found ORA-06512: at "PPM_DWH152.DWH_INV_TASK_PERIOD_FACTS_LOAD"

STEPS TO REPRODUCE:

1. Complete the required setup steps unique to each installation.
2. Run Load Data Warehouse - Full
3. It completes successfully
4. Run Load Data Warehouse - Incremental

Expected Results: The Incremental job to complete successfully

Actual Results: The jobs fails with error:[CA Clarity][Oracle JDBC Driver][Oracle]ORA-20100: ENCOUNTERED EXCEPTION WHILE INSERTING INTO DWH_INV_TASK_PERIOD_FACTS_LOAD. SQLERRM : ORA-20100: ENCOUNTERED EXCEPTION WHILE INSERTING INTO DWH_INTERNAL_MD. SQLERRM : ORA -01452: cannot CREATE UNIQUE INDEX; duplicate keys foundORA-06512: at "PPM_DWH152.DWH_INV_TASK_PERIOD_FACTS_LOAD", line 56ORA-06512: at line 2. (Upon checking we see many hundreds (thousands) of duplicates. On the source we do not see any duplicates. We were able to consistently reproduce the issue. Any time Incremental runs it would be a problem. Full always runs fine.)

DE37020
Minor Problem
Fixed in 15.4.0.0

Populate from investment team very slow

The Populate from Investment team option to create a Cost Plan is very slow.

STEPS TO REPRODUCE:

1 - Login to classic PPM application with user having project edit access rights
2 - Click on Project and search for a financial project
3 - Click on Team tab and add many resources (see table below showing how long it takes based on number of resources)
4 - Click on Financial Plans tab 5 - Under Actions, click on New from Investment Team
6 - Enter required details and click on Save to create new cost plan from Investment Team
7 - Open cost plan created in Step #5
8 - Under Actions, click on Populate from Investment Team, this action is taking around 28 seconds of time during load test.

14 resources	30 secs	80 tasks
51 resources	37 secs	11 tasks
65 resources	37 secs	115 tasks
78 resources	38 secs	98 tasks
239 resources	85 secs	103 tasks
20 resources	23 secs	89 tasks
869 resources	480 secs	86 tasks
503 resources	180 secs	31 tasks

Expected Results: Process should be much faster.

Actual Results: Takes a very long time depending on the number of resources on the team.

DE37021
Minor Problem
Fixed in 15.4.0.0

Clarity NEW UX - Task Assignment Error - API-1007 : You are not authorized to POST resource(s). Contact your system administrator for necessary security rights

When Project Manager tries to assign/add the existing Team members to Task, users are receiving the following error: "API-1007: You are not authorized to POST resource(s). Contact your system administrator for necessary security rights." The error appears on the new UX, but not with Classic PPM.

STEPS TO REPRODUCE:
1. Create a Project
2. Add few team members
3. Make sure that Project Manager does not have any booking rights on the added team members
4. Log in as Project Manager making use of new UI.
5. Navigate to the project
6. Navigate to the Tasks tab.
7. Create a new task.
8. Click on [+Member] button to add the team member.
9. Search for the user who is already in the team tab in the "Add team Member" popup and click Add.

Expected Results: Team member should get assigned to the task with out any error/issue.
Actual Results: Team member successfully gets assigned to the task, but gets "API-1007 : You are not authorized to POST resource(s). Contact your system administrator for necessary security rights."

DE37023
Minor Problem
Fixed in 15.4.0.0

Resource Management cannot show User Names in Japanese format

Resource Management cannot show User Names in Japanese format.

STEPS TO REPRODUCE:

1. Create a resource with Japanese characters.
2. Login with New UI (in 15.2 or higher) and go to Resource Management (Staffing).

Expected Results: It is expected to change the order as Family Name(Last Name) / First Name for Japanese. New UI Resource Management Screen show user names as First Name / Family Name orders even in the locale is set for Japanese.

Actual Results: New UI - Resource Management cannot show User Names in Japanese format. New UI Resource Management Screen show user names as First Name / Family Name orders even in the locale is set for Japanese.

DE37025
Minor Problem
Fixed in 15.4.0.0

New UI Date Format issue for Japanese

New UI Project Management - Tasks tab. The date format for the task tab is incorrect in Japanese UI.

STEPS TO REPRODUCE:

1. Create a project.
2. Login with Japanese Language account and go to New UI Project Management.
3. Select Task and check Date format.

Expected Results: New UI Project Management shows correct Date format in Japanese.

Actual Results: New UI Project Management shows incorrect Date format in Japanese.

DE37027
Minor Problem
Fixed in 15.4.0.0

New UI Status Report cannot export Japanese chars to PDF

New UI Status Report cannot export Japanese chars to PDF.

STEPS TO REPRODUCE:

1. Login with Japanese Language account and go to New UI Project Management.
2. Create a project.
3. Select Report and check characters in report. Also check downloaded PDF file.

Expected Results: New UI Project Management shows correct characters in Japanese.
Actual Results: New UI Project Management shows incorrect characters in Japanese.

DE37043
Minor Problem
Fixed in 15.4.0.0

Resource Skill and Remaining Capacity Detail report shows inactive skills

STEPS TO REPRODUCE:

1. Go to Home>Resources in the Classic CA PPM user interface.
2. Select the desired resource.
3. Go to the Skills tab
4. Click the add button and add at least one active skill to the resource.
5. Save and Return
6. Go to Administration>Skills Hierarchy
7. Select the Skill(s) just added to the resource.
8. Remove the check mark next to Active.
9. Save and Return.
10. Go back to the resource from step 2 and confirm the now inactive skill(s) are no longer listed on the skills tab.
11. Run the Resource Skill and Remaining Capacity Detail report from Advanced Reporting.

Expected Results: Only active skills are shown in the report.
Actual Results: All skills assigned to the resource are shown in the report.

DE37066
Major Problem
Fixed in 15.4.0.0

Resetting Password for Force Password Change in new UX

Cannot change password and login if the 'Force Password Change' box is checked.

STEPS TO REPRODUCE:

1. Set up a user in CA PPM Classic administrative interface and check the 'Force Password Change' check box.
2. Have the user try to log into the new UX. [An error message appears: Error during login API-1030: Password is expired or needs to be changed. Contact your system administrator for necessary action.]
NOTE: The message is not clear - it should tell the user to click on the 'Forgot Password?' link to change your password.
3. The user clicks on the 'Forgot Password?' link to display a new dialog
Message: Enter your username. The password reset instructions will be sent to you by email.
4. The user enters in the 'username' , clicks 'Send Email' button. (The dialog remains - no message indicating that an email message is sent.)
5. The user checks their email incoming box or quarantine box to see a new message with the instructions and a link to reset the password
6. The user clicks on the link and the user is taken to a page with 'New Password' and 'Confirm Password' fields
7. The user fills in the password fields, clicks 'Continue' button and sees a message with a 'Continue' button
Message: Password has been updated successfully.
8. The user clicks 'Continue' button and the user is taken back to the login page
9. The user enters the username and the new password

Expected: The user should be able to log in with the new credentials.

Actual: The user is not able to log in and gets the Error during login API-1030: Password is expired or needs to be changed. Contact your system administrator for necessary action. It seems the 'Force Password' box did not get unchecked when the user reset the password. This will require the Admin to uncheck the 'Force Password Change' option on the resource profile.

DE37086
Major Problem
Fixed in 15.4.0.0

Classic PPM Timesheet Total displays incorrect values

When actuals are inserted in fractions and saved, the rounding keeps changing when saved the second time as compared to the first time without making any changes to the actuals.

STEPS TO REPRODUCE:

1. Login to Classic CA PPM as Timesheet user
2. Open any Timesheet with OPEN status
3. Add two or three investments
4. Enter time as follows
   a. Day 1;(16/10); INV 1: 1.99
   b. Day 1;(16/10); INV 2: 5.00
   c. Day 1;(16/10); INV 3: .505
   Expected total: 7.495 and displayed as 7.50
5. Click Save and note the day total: Day total shows 7.5 (Correct)
6. Click Save again and note the day total: Day total shows 7.49 (Incorrect)
7. Click Save again and note the day total: Day total shows as 7.49 (Incorrect)

Expected Results: The actual hours at any point of time should be 7.50 in the totals.
Actual Results: The first SAVE in the timesheet page shows 7.5 hours which is correct and subsequent SAVE shows 7.49 which is incorrect.

DE37133

Minor Problem

Fixed in 15.4.0.0

Program Milestone Report Not Filtering by Program Manager

When the Program Milestone Dependencies Report runs and the user filters by the Program Manager, the results appear as "No matching records were found"

STEPS TO REPRODUCE: Part I

1. From the Home Menu navigate to Programs, click on 'New' and create a new Program
2. Create at least one milestone with a dependency to a milestone in a separate project to display in the report
3. For the program summary section, the program must have budgeted or planned cost that is entered on the financial summary of the program. If the program has a detailed budget or cost plan, then the approved budget amount or cost plan amount for the plan of record displays based on the financial plan type parameter that is selected when running the report

STEPS TO REPRODUCE: Part II

1. From the Home menu, navigate to Advanced Reporting
2. Click on the 'View List' under Reports
3. In the Search bar type 'Program Milestone Dependencies'
4. Check the 'Populate Program Manager?' checkbox in the Options window
5. After the search list has populated, choose the program manager in the program created in the prerequisite
6. Click the Apply button at the bottom of the Options window

Expected Results: The Program Milestone Dependencies Report should appear with a Program Summary and Program Dependency Diagram
Actual Results: A "No matching records were found" result appears
Workaround: Check the 'Populate Program?' check box and click the 'Apply' button to generate the Program Milestone Dependencies report.

DE37137

Minor Problem

Fixed in 15.4.0.0

When click Japanese file name in Knowledge Store, it returns HTTP400 error.

STEPS TO REPRODUCE:

1. Add Japanese file name document in Knowledge Store.
2. Click Japanese file name in Knowledge Store with IE11 browser.

Expected Results: Document of Japanese file name can be opened by clicking in IE11.

Actual Results: Document of Japanese file name can NOT be opened by clicking in IE11. It returns HTTP400 error.

Workaround: Chrome and Firefox can open it by clicking.

DE37150

Major Problem

Fixed in 15.4.0.0

Duplicate Workflow Action item

STEPS TO REPRODUCE:

1. Login as an Admin
2. Create an attribute on the project object that is basically going to be holding resources as a multi-valued lookup.
3. Create a process.
4. Navigate to project and then Change Requests
5. Create new Change Request as one of the users that action item will be sent to
6. Process should have triggered and now you can navigate to Organizer and observe duplicate Action Items

Expected Results: only one action items should be received
Actual Results: two action items received

DE37156

Minor Problem

Fixed in 15.4.0.0

About insertedRecords = "- 1" after Qualol PPM XOG-IN

When we XOG-IN the data then we can see insertedRecords="-1" in result. When we try to XOG-IN with XOG-Out file without any changes then we can see the error : insertedRecords="-1".

STEPS TO REPRODUCE:

1. Create a custom object. add 2 fields.
2. input instances for the custom object.
3. XOG-Out the custom object by using custom_object_read.xml.
4. Get the XOG-OUT result.
5, When I try to XOG-IN with XOG-Out file without any changes then I can see the following error : insertedRecords="-1".
This is the problem.

Expected Results: I can see the result : insertedRecords="0".
Actual Results: I can see the following error : insertedRecords="-1".

DE37181
Cosmetic
Fixed in 15.4.0.0

Project document version does not start a process

After a process created based on the "Document Version" object. When it was fired the process not be initiated automatically.

STEPS TO REPRODUCE:

1. Create a new process called docver_start
2. Use Document Version (note: not Document) as the Primary Object
3. Auto-Start the process using either a condition on the Status attribute or a simpler "1==1" condition.
4. For the Start step, set a System Action that changes the value of the Status attribute.
5. Set the Finish step as the next step to go to.
6. Go back to the General page of the process and perform a Save-As and call this new process docver_update
7. For the Auto-Start conditions of this process, just change it from Create to Update.
8. Validate and Activate both processes.
9. As a user who has rights to add documents to a project and can start these processes, go to the Documents tab of a project.
10. Add a new document, optionally setting the status of the attribute such that it matches the docver_start auto-start condition.
11. Observe in the database that the record was created in CLB_DMS_VERSIONS for this document.
12. Observe in the Process Engines: Events tab of the Admin Tool that this did not cause any events to fire.
13. Modify the Document properties and set the Status to another value (if needed to be a specific value for the docver_update auto-start condition, use that value).
14. Observe in the database that the record was updated in CLB_DMS_VERSIONS for this document with the changed value.
15. Observe in the Process Engines: Events tab of the Admin Tool that this did not cause any events to fire.Detail the steps to reproduce the problem

Expected Results: Changes that cascade from the Document to the Document Version should result in appropriate Document Version process engine events that start processes.

Actual Results: No Document Version events are created, and so no Document Version processes are auto-started.

DE37186
Minor Problem
Fixed in 15.4.0.0

Multi select filter populates two similar values when user only selected one value for Location or Department

Multi-select Location filters automatically select a similar location in addition to the original location. Cannot extract data for a single location.

STEPS TO REPRODUCE:

1. Administration -> Organization and Access -> OBS -> Create a department OBS with two units: HR and TC
2. Create a location OBS with two units: "UK" and "UK Like"
3. Add the Project object as associated Object to both OBS structures.
4. Go to Administration -> Finance -> setup
5. Go to Entities -> Create an entity associated to the above OBS
6. Go to Locations -> Link the locations and departments created
7. Go to Administration -> Studio -> Portlets
8. Create a grid portlet based on the project object
9. On the filter section, add the location field
10. On the field properties set the Lookup Style to multiple-select
11. Add the portlet to the general overview tab
12. On the filter section of the portlet, open the location field and select UK as location
13. Click on filter

Expected Results: The selected UK location to remain selected and filter by the appropriate projects linked to that location

Actual Results: After filtering, the selected UK location remains selected and also the 'UK Like' location has now been added. However, it filters by the projects linked to that UK location.

DE37213
Minor Problem
Fixed in 15.4.0.0

Creating a Content pack with workflows does not bring group steps when content package installed

STEPS TO REPRODUCE:

1. Create a process that has group steps.
2. Create Content Package by navigating to Administration -> Content Packages
3. Add process you created in Step 1 to the package.
4. Once content package is created right-click on JAR package created under Properties tab and save it locally so you can import in another environment
5. Login to another environment where this process does not exist
6. Navigate to Content Add-Ins and upload content package.
7. Notice that Groups did not migrate, the reason they did not migrate is because they are not present in process XML file created by Content Package.

Expected Results: Step groups should be migrated along with the process.

Actual Results: Step groups are not migrated along with the process.

DE37219
Major Problem
Fixed in 15.4.0.0

MSP New Driver: Summary task duration is incorrect in PPM after Saving back from MSP

When saving a project back to PPM, the duration of the Summary task is different then that of that task in MSP 2016, while the dates of the Summary task are correct. This causes an incorrect duration in PPM which does not correlate based on the dates set in PPM.

STEPS TO REPRODUCE:
(Tested with MSP Option Hours per day set to 7 and hours per day set to 35. The issue also occurs if hours per day is set to 8 but requires an extra round trip from MSP.)

1. Set the Base Calendar in PPM to 7 hours per day:
    a. In PPM go to Administration->Base Calendars
    b. Click on the Base calendar
    c. Select the check boxes next to all work days (Mon, Tues, Wed, Thurs, Fri)
    d. Click the Set Shifts button
    e. Set Shits as: Shift 1: 08:00 AM - 12:00 PM Shift 2: 01:00 PM - 4:00 PM
    f. Click Save and Return
2. Create a new project in MSP
3. Create a Summary task with 2 sub tasks
    a. Set up the tasks with the below dates
       Summary Task: Duration 10.71 days (Default set by MSP with hours per day set to 7) Start: 10/20/17 Finish: 11/2/17
       Sub tasks: Task 1 Duration 5 days Start: 10/20/17 Finish: 10/26/17 Task 2 Duration 5 days Start: 10/27/17 Finish: 11/2/17
       Ensure there is a Start No Earlier constraint of 10/27/17
    b. Task type for all tasks: Fixed Units
4. Save the project back to PPM (At this point, the issue occurs if your work hour are set to 7 hours in MSP, but if your work hours in MSP for the project are set to 8 hours, it will take an additional round trip of MSP for the issue to occur.)
5. Go into the Gantt view in PPM and check the duration of the Summary task.

Expected Results: The duration of the summary task matches that set in MSP.
Actual Results: The Duration in PPM for the summary task has changed (In the above example, changed to 9 days).

DE37225
Major Problem
Fixed in 15.4.0.0

Email notifications sent by PPM display odd characters in the logo area

Email notifications sent out by the PPM server for action items and other notifications display unexpected characters in the header. This occurs regardless of the UI theme applied. When looking at the CSS for the theme applied, the rule for the 'Product name text' does not seem to contain any odd characters. The odd characters can be highlighted so it seems they come from defined text and not from the logo.

STEPS TO REPRODUCE:

1. Configure an email server (or mock SMTP server to be able to view attempted outgoing emails) in CSA.
2. Create a new resource -- or use an existing one -- but be sure they have a defined and valid email address
3. Go to Home > Organizer > Action Items tab
4. Click on 'New' to create a new Action Item and populate the required fields
5. Check the box titled 'Notify Assignees' and assign it to the resource from Step 2
6. Click 'Save and Return' and await the email notification to be sent out

Expected Results: Email notifications are sent out normally with no peculiar unexpected text

Actual Results: Email notifications are sent out with this text 'â„¢' appended next to the CA PPM logo and text.

DE37237
Minor Problem
Fixed in 15.4.0.0

PPMOD_15.2.0.1_CASUP: Page loading wheel on top right corner keeps spinning even after completing Export to Excel

The 15.2 SaaS environment page loading wheel at top right corner keeps spinning even after completing export to excel.

Steps to reproduce:

1) Go to any portlet or list view on PPM 15.2.0.1
2) export to excel (any of the 2 options)
3) Even after the export is complete, the wheel keeps loading.

Expected: Spinning user interface element stops spinning.
Actual: Somewhat confusing as it indicates that something is still pending.

DE37239
Minor Problem
Fixed in 15.4.0.0

Certain projects hang at writing to XML when opening in the MSP New Driver due to a baseline issue

Certain projects hang at writing to XML when opening in the MSP New Driver due to a baseline issue. (Does not happen in the legacy driver.)

STEPS TO REPRODUCE:

Attempt to open the problem project from PPM to MSP that has a baseline.

Expected Results: Project opens successfully

Actual Results: Project hangs at "Writing to XML)

Workarounds: Rebaseline the project in PPM. However, if you delete that baseline, the issue comes back.

DE37269
Minor Problem
Fixed in 15.4.0.0

Rally Sync job fails with TASK_STATUS_INVALID_ACTUALS and API errors

Errors occur when the Rally sync job runs and fails: api.internalErrorjava.lang.String cannot be cast to java.lang.Numberprojmgr.
TASK_STATUS_INVALID_ACTUALSPRJ-07234: Invalid status for task having non-zero actuals.

STEPS TO REPRODUCE:

1. Set up a project in an integrated environment that is ready to be synced to AC.
2. Run the Rally Sync job

Expected Results: Job completes without issues

Actual Results: Following error messages are seen as the Rally sync job fails:

```
projmgr.TASK_STATUS_INVALID_ACTUALSPRJ-07234: Invalid status for task having non-zero actuals.api.internalErrorjava.lang.
String cannot be cast to java.lang.Number
```

DE37274

Major Problem

Fixed in 15.4.0.0

Unable to Update Action Item Status

Unable to communicate to the PPM server. Please try again and if problem persists contact your system administrator. Unable to update Action Item status if it is assigned to more then 1 assignee

STEPS TO REPRODUCE:

1. Login to CA PPM 15.3 as Administrator
2. Navigate to Home->Projects
3. Select any project and click on Collaboration tab
4. Click on the arror in the tab and go to Action Items
5. Create Test AI and assign to yourself and someone else (remember Action Item can only be assigned to participants)
6. Navigate to Home->Organizer
7. Under Action Items locate the AI you created in Step 5.
8. Click on AI and attempt to update the status of AI

Expected Results: Action Item status be updated successfully

Actual Results: Action Item status does not get updated, instead you observe an error "Unable to communicate to the PPM server. Please try again and if problem persists contact your system administrator."

In 15.2 you don't get the error; however, it does not save and you get blank screen for few seconds and it comes back without getting saved.

DE37311

Cosmetic

Fixed in 15.4.0.0

When doing a role replace for a resource that is 100% available, a message appears prompting to over-allocate the resource

When doing a role replace, the role still remains on the project with a small amount of allocation if the availability of the resource and role do not match. This is expected behavior within Classic PPM. When doing the SAME configuration and role replacement within the new UX Staffing functionality, the entire amount of the role request is consumed.

STEPS TO REPRODUCE:

1. Set up a role with 8 hours of availability (Go to Home->Resources, click on the Role, and check that the Availability is set to 8 hours)
2. Set up a resource with 7.5 hours of availability in PPM and set their primary role as the role being used in #1 Steps to Reproduce:
3. Create a new project in PPM
4. Add the role above to the project
5. Set the Start/Finish dates of the role for one week (in this example 10/20/17 - 10/26/17)
6. Click the Resource Finder (Magnifying glass) icon next to the role
7. Check the check box next to the resource that was set up with 7.5 hours of availability and click Replace

Expected Results: The user should NOT see a message prompting an action to over allocate the resource. The Resource is available for 100% of the time.

Actual Results: A message appears prompting an action to over allocate the resource.

Workarounds: 1. Update the role calendar to match that of the resource it is replaced with. If using multiple calendars (Example, one with 7.5 hour shifts, and another with 8 hour shifts), create a role for each calendar). 2. Delete the role from the project (though in this case, you will also lose any remaining allocation/ETC on the role). See also CLRT-74594.

DE37320

Minor Problem

Fixed in 15.4.0.0

PPMSAAS_15.3_DEFECT - The email notifications sent for any Risk which is Deleted or Reassigned does not contain the latest data

Users are getting Risk Notifications with incorrect information.

STEPS TO REPRODUCE:

1) Navigate to Administration - Notification - Notification Name: Risk
2) Update the Deleted risk and Reassigned risk and Save as follows:
   a) Risk - Deleted risk: This risk assigned to you has been deleted: Risk Name: $[Risk.name] Probability: $[Risks.probability] Impact: $[Risks.impact] Updated By: $[Risks.updated_by] Deleted By: $[Risk.updated_by] Deleted On: $[Risk.last_updated_date]
   b) Risk - Reassigned risk The following risk has been reassigned. Risk Name: $[Risks.name] Risk ID: $[Risks.rim_risk_issue_code] Investment: $[Risks.pk_name] Probability: $[Risks.probability] Impact: $[Risks.impact] Updated By: $[Risks.updated_by] To review risk, @[:itl.riskObject!~:~:Click Here]
3) Navigate to Home - Portfolio Management - Projects
4) Create a Project.
5) Navigate to Risks/Issues/Changes - Risks - Create 2 new Risks, Risk 1 and Risk 2 with Priority, Probability, and Impact.
   Make sure that a category is selected for the risk
6) Assign the Risk to User 1 and User 2 respectively; this will send notifications to User 1 and User 2.
7) Once assigned, update the Owner (assignee), with Priority, Probability, and Impact. for both the Risks and save the changes.
8) The email notification sent to the users.

Expected Results: Email notification sent to the users should have updated information.
Actual Results: The latest information is not getting conveyed through the notifications.

DE37343
Minor Problem
Fixed in 15.4.0.0

Company Properties Menu Problems

Company Properties Menu does not work as expected and does not work like other menus.

STEPS TO REPRODUCE:

1) HOME -> Financial Management - > Companies
2) Click on any Company to go to Company Properties page
3) Hover over Properties tab and notice the Main and General menu items are both selected, like they are tied together. Click on the Supplemental menu option and notice that Main and Supplemental are both selected. These options should not be tied together.
4) From the Properties tab, select the "Address" menu option. Hover over the Properties tab and notice that the "General" and "Supplemental" options disappear.
5) From the Properties tab, select the "Financial" menu option. Notice that the "Properties" and "Document Manager" tabs disappear that you can't even click on either tab. Notice that there is not a way to get back to any of the other sections unless you press Return.

Expected Results: For step 3: This should be a cascading menu, just like in Project Properties. When "Main" is selected, you should have the cascading menu options of "General" and "Supplemental" over to the right. For step 4: It is expected for the "General" and "Supplemental" options to disappear IF step 3 is fixed so that "Main" is a cascading menu. For step 5: The "Properties" and "Document Manager" tabs should not disappear, and you should be able to still get to all other Company sections without pressing Return. Return should only be used for taking you back to the Company List, like all other pages work.

Actual Results: For step 3: The "Main" option is tied with the "General" and "Supplemental" options. For step 4: The "General" and "Supplemental" options to disappear. This part is OK, IF "Main" is fixed to be a cascading menu that takes you to "General" and "Supplemental". For step 5: The "Properties" and "Document Manager" tabs disappear that you can't click on either tab. There is no way to get back to any of the other sections unless you press Return.

DE37425
Minor Problem
Fixed in 15.4.0.0

XOG entity read failing on SQL Exception with error code : 904

Systems upgraded from earlier versions of PPM where custom portfolio attributes were created (prior to version 13.2) cause errors with XOG using the Entity read request due to the custom attribute table (odf_ca_portfolio) not having code or name columns.

STEPS TO REPRODUCE:

1. Use or install PPM prior to 13.2
2. Create a custom attribute for the Portfolio object.
3. Upgrade PPM
4. Create an entity
5. Use XOG to read the entity

Expected Results: XOG request completes with the entity contained in the response

Actual Results: XOG request completes with only the error "SQL Exception with error code : 904" inside and no additional details about what caused it

DE37439
Minor Problem
Fixed in 15.4.0.0

Baseline creation by a process is not populating Baseline Start and finish on tasks

When you use system action to create baseline, it creates the baseline but Baseline Start and Baseline finish are not displayed for the tasks. You can see this behavior in task list and Gantt.

STEPS TO REPRODUCE:

Create the process:
-Go to administration > Processes
-Click new -In object tab put project object
-In Start option tab put On Demand
-In Start Step on actions, create a system action
In the system action choose the option 'Baseline Investment', set the "New Revision": YES and "Make current revision": NO
-In post condition go to the finish process.
-Validate and activate
Create a project:
-Go to Home Projects
-Click new and create one task with 15 day as example (It can be any days)
-Go to process > Available process and choose the process that we created in an earlier step and run it.

Expected Results: A new baseline is created with all his attributes

Actual Results: A new baseline is created but if you go to Gantt or task list, you will notice that 'Baseline Start' and 'Baseline Finish' are blank.

DE37459
Major Problem
Fixed in 15.4.0.0

Scheduled job continues to run after the Recur Until date

A recurring scheduled job runs at least once after the Recur Until date.

STEPS TO REPRODUCE:

1. Login to CA PPM
2. Create a Scheduled job with recurrence as follows:

Start date: Tomorrow's Date Weekly: On: Months: Hours: Minutes: Recur Until:

Example:

Start date : 10/19/2017 Weekly: On: Thursday Months: October Hours: 13 Minutes: 00 Recur Until: 10/24/17

Expected Results: The scheduled job should run once on the Start date and then not run thereafter. It should not show as scheduled to run when checked after the first run on the start date. In the above example, the job should have run on 19th and then stopped.

Actual Results: The Scheduled job continues to run at least one more time after a week. It also shows scheduled when checked after the first run. In the above example the job ran on 26th and then did not run thereafter. The extra run of the scheduled job is impacting other scheduled jobs.

DE37471

Major Problem

Fixed in 15.4.0.0

Time Periods in Jaspersoft Reports and Reports and in Jobs in PPM show different periods

STEPS TO REPRODUCE:

1. Go to Home: Reports and Jobs. Open a report, for example, 'Resource Time Summary and Detail 'Report.
2. Click on the binoculars to select the Time Periods.
3. Observe the Result. It shows all time periods that have been created through even though they are inactive.

For example, if I created periods through 2018 I get below periods:
ROW_NUM NUM_ROWS TIME_PERIOD_KEY R START_DATE FINISH_DATE DESCRIPTION
1 140 -3 C 05-NOV-17 11-NOV-17 Next Period
2 140 -2 B 29-OCT-17 04-NOV-17 Current Period
3 140 -1 A 22-OCT-17 28-OCT-17 Previous Period
4 140 5001001 D 01-MAY-16 07-MAY-16 -
5 140 5001002 D 08-MAY-16 14-MAY-16 -
....
80 140 5002042 D 15-OCT-17 21-OCT-17 -
81 140 5002046 D 12-NOV-17 18-NOV-17 -
82 140 5002047 D 19-NOV-17 25-NOV-17 -
83 140 5002048 D 26-NOV-17 02-DEC-17 -
84 140 5002049 D 03-DEC-17 09-DEC-17 -
85 140 5002050 D 10-DEC-17 16-DEC-17 -
86 140 5002051 D 17-DEC-17 23-DEC-17 -
87 140 5002052 D 24-DEC-17 30-DEC-17 -
88 140 5002053 D 31-DEC-17 06-JAN-18 -
89 140 5002054 D 07-JAN-18 13-JAN-18 -
90 140 5002055 D 14-JAN-18 20-JAN-18 -
91 140 5002056 D 21-JAN-18 27-JAN-18 -
92 140 5002057 D 28-JAN-18 03-FEB-18 -
93 140 5002058 D 04-FEB-18 10-FEB-18 -
94 140 5002059 D 11-FEB-18 17-FEB-18 -
95 140 5002060 D 18-FEB-18 24-FEB-18 -
96 140 5002061 D 25-FEB-18 03-MAR-18 -
97 140 5002062 D 04-MAR-18 10-MAR-18 -
98 140 5002063 D 11-MAR-18 17-MAR-18 -
99 140 5002064 D 18-MAR-18 24-MAR-18 -
100 140 5002065 D 25-MAR-18 31-MAR-18 -
101 140 5002066 D 01-APR-18 07-APR-18 -
102 140 5002067 D 08-APR-18 14-APR-18 -
103 140 5002068 D 15-APR-18 21-APR-18 -
104 140 5002069 D 22-APR-18 28-APR-18 -
105 140 5002070 D 29-APR-18 05-MAY-18 -
106 140 5002071 D 06-MAY-18 12-MAY-18 -
107 140 5002072 D 13-MAY-18 19-MAY-18 -
108 140 5002073 D 20-MAY-18 26-MAY-18 -
109 140 5002074 D 27-MAY-18 02-JUN-18 -
110 140 5002075 D 03-JUN-18 09-JUN-18 -
111 140 5002076 D 10-JUN-18 16-JUN-18 -
112 140 5002077 D 17-JUN-18 23-JUN-18 -
113 140 5002078 D 24-JUN-18 30-JUN-18 - 114 140 5002079 D 01-JUL-18 07-JUL-18 - 115 140 5002080 D 08-JUL-18 14-JUL-18 -
116 140 5002081 D 15-JUL-18 21-JUL-18 - 117 140 5002082 D 22-JUL-18 28-JUL-18 - 118 140 5002083 D 29-JUL-18 04-AUG-18 -
119 140 5002084 D 05-AUG-18 11-AUG-18 - 120 140 5002085 D 12-AUG-18 18-AUG-18 - 121 140 5002086 D 19-AUG-18 25-AUG-18

4. Go to Advance Reporting. Open the same report 'Resource Time Summary and Detail '.
5. Observe values in Time Periods input parameter. It shows periods until 11/19/2017 11/25/2017 D 19-NOV-17 -

Actual Results: Time Periods input control in Advance Reporting shows different periods from Time Periods Lookup in Reports and Jobs. -

Expected Results: Time Periods input control in Advance Reporting should show the same periods as Time Periods Lookup in Reports and Jobs. The behavior in PPM should be the same as Advanced Reporting.

DE37509

Minor Problem

Fixed in 15.4.0.0

Overview Page, General tab shows incorrect Layout on log in when you have an HTML Portlet with comments in HTML code

STEPS TO REPRODUCE:

1. In Admin side, Create an html portlet (named for example 'myhtml') with the following code:
 Hello World! Notice that there are no comments.
2. In Admin side, open portlet Page: Overview. - Go to Tabs. Click on General. Go to Content Tab. Add the portlet created in step 1. - Go to Layout Tab. Set Layout: Two Columns 50-50 In the Left column put only the portlet 'myhtml' In the Right column put the rest of the portlets. - Go to Properties Tab. Publist the General Tab.
3. Logout. Log in. Observe the General Tab Layout. - Actual Result and Expected Result : You see Two Columns
4. In Admin side, Open the portlet created in step 1. Modify the code by adding a comment. The new code will be: Hello World!
5. In Admin side, open portlet Page: Overview. Go to Properties Tab. Publish the General Tab.
6. Logout. Log in. Observe the General Tab Layout. -

Expected Result : You see Two Columns.

Actual Results: You see One Column.

Workaround: Navigate to another page and come back to the Overview:General tab. The Layout now shows Two Columns as expected.

DE37511

Major Problem

Fixed in 15.4.0.0

Timesheet Review Portlet and Query issues

Timesheet Review portlet shows no data after you return from the Assignment Properties Page.

STEPS TO REPRODUCE:

1. Put the OOTB Timesheet Review portlet in the Overview Page, General Tab.
2. Log in and go to Overview Page, General Tab to see the portlet. Portlet shows data. Example 700 rows.
   - 2.1. Click on the Timesheet on any row. It goes the the Timesheet Page. Click on Cancel.
     It navigates back to the Timesheet Review portlet. Portlet shows data. Example 700 rows. Works as expected.
   - 2.2. click on the Task on any row. It goes the the Project Task Page. Click on Return.
     It navigates back to the Timesheet Review portlet.Portlet shows data. Example 700 rows. Works as expected.
   - 2.3. click on the Resource name on any row. It goes to the Project: xxx | Task: yyy - Assignment Properties Page. Click on Return.
     It navigates back to the Timesheet Review portlet.

   Expected Results: Portlet shows data. Example 700 rows.
   Actual Results: the Timesheet Review portlet shows NO records

     2.3.1. Click Filter or Show All.

     Expected Results: Portlet shows data based on filters.
     Actual Results: It will not respond. the Timesheet Review portlet shows NO records.

     2.3.2. Refresh the Page.

     Actual Results: It will not respond. the Timesheet Review portlet shows NO records.

     2.3.3. Navigate to another page. Then go back to the Overview: General page.

   Expected Results: Portlet shows data based on filters.
   Actual Results: Portlet shows data. Example 700 rows. You must navigate to another page for the portlet to return to its original state.

DE37517
Minor Problem
Fixed in 15.4.0.0

Cannot set Attribute Partition code for Add Linked object on a process

When we create a process and try to set Add Linked object, we cannot set and change Attribute Partition code.

STEPS TO REPRODUCE:

1. Create Partition Model.
2. Set partition model for cost plan object.
3. Add full view for the partition model.
4. Create a process. Define Primary object properties. Set the created partition for Partition field. Click Add Linked object and set.

Expected Results: We can set Attribute Partition code.

Actual Results: We cannot set Attribute Partition code. This is the problem. System is set for partition and we cannot change this on UI.

Workaround: The workaround is using XOG.

DE37541
Major Problem
Fixed in 15.4.0.0

Process is being triggered unexpectedly when start condition is not met

STEPS TO REPRODUCE:

1. Open a Project with tasks/milestones
2. Go to Tasks
3. Open in Scheduler - PPM Gantt
4. Click on Autoschedule with Publish
5. For example, create a process based on project object with starting condition (Project Status != Project Status [Previous Value])
6. Observe process gets triggered when condition was not met

Note: These steps are for 15.3. In 15.2 even without making any changes to the project when I click on Save, process is triggering (same process which was built above in Step 5). It only seems to be happening on lookup type attributes when comparing to previous value in the process start condition.

Expected Results: Process should not trigger as start condition had not been met

Actual Results: Process is getting triggered when not expected by end user which could lead to wrong updates done to the project based on the processes that are getting triggered.

DE37625
Cosmetic
Fixed in 15.4.0.0

Health Report showing invalid db object view COP_PROJECT_ROLLUP_V installed with PMO is no longer used

The Health Report is showing invalid objects in both the PPM Schema for the customer. Looks like database view was installed with PMO however the view is no longer used - Health check is showing it as invalid and cannot be recompiled. Checked in previous version of PMO accelerator - COP_PROJECT_ROLLUP_V is installed view, however does not look to be referenced anymore in queries.

Object was removed.

DE37656
Major Problem
Fixed in 15.4.0.0

CA PPM Jaspersoft Admin Command Throws Java Heap Space

Exporting a Jaspersoft content zip file larger than 1.0 GB results in a Java Heap Space error.

STEPS TO REPRODUCE:

1. Have a tenant in Jaspersoft which is more than 1 GB, generate or upload large Excel, PDF, and other files if necessary to test.
2. Export the content using admin command. For example:

admin jaspersoft export -orgName cppm55X55_test -fromUserName superuser -fromPassword superuser -fileName C:\cppm55X55_test.zip -fromURL http://EXAMPLE:8787/reportservice -verbose

Expected Results: The export should be successful.
Actual Results: The export fails with Java Heap Space ERROR while writing the file to disk.

DE37663
Cosmetic
Fixed in 15.4.0.0

The amount of ETC is not automatically refreshed in the New UX after removing a resource from a task

In the PPM New UX, after removing a resource that was assigned to a task, the ETC for the task is not automatically refreshed. The page has to manually be refreshed in order to have the ETC change reflected in the details pane. Clicking on other tabs of the pane does not trigger the update either. Only manually refreshing the page displays the new ETC amount. This behavior does not appear to happen on PPM 15.2. The ETC amount reflected after updating the assignment to a task appears to be inaccurate. The newly updated value should be displayed automatically.

STEPS TO REPRODUCE:

1. Log into the PPM New UX
2. Create a project and add two team members to it
3. Create a task in that project
4. Assign the two team members to that task
5. Update the ETC to 40 in the task
6. Remove 1 of the team members from the tasks, then navigate back to the task properties

Expected Results: The ETC should automatically be updated in the page to reflect the new amount after having removed that team member

Actual Results: The ETC amount displayed is not automatically updated and does not reflect the new amount. Additionally, the page has to be refreshed to see the updated ETC.

DE37708

Cosmetic

Fixed in 15.4.0.0

Power Filter Evaluated Expression shows incorrect String value

STEPS TO REPRODUCE:

1. Log in to CA PPM.
2. Navigate to Administration --> Lookups.
3. Create a new static Lookup with below details and click Save and Continue.
Lookup Name : Test Lookup Lookup ID : test_lookup Content Source : Customer Source : Static List
4. In the next page, selelect below details & click "Save and Continue" Hidden Key : LOOKUP_ENUM Display Attribute : NAME
5. In the next page, create new list values making use of below details: i) First value: Lookup Value Name : Digital ID (LOOKUP_ENUM) : 1 ii) Second value: Lookup Value Name : Credit ID (LOOKUP_ENUM) : 10 iii) Third value: Lookup Value Name : Business Energy ID (LOOKUP_ENUM) : 2 iv) Fourth value: Lookup Value Name : aSolar ID (LOOKUP_ENUM) : 20
6. Create a new Dynamic Query Lookup with below details & click "Save and Continue" Lookup Name : Test Lookup Dynamic Query Lookup ID : TestLookup_DynamicQuery Content Source : Customer Source : Dynamic Query (Do not select any Object)
7. Enter below query in Niku Query section & save and return SELECT @SELECT:probability.lookup_code:PROBABILITY_VALUE@ ,@SELECT:Probability.name:PROBABILITY_NAME@ FROM cmn_lookups_v probability WHERE probability.lookup_type = 'TEST_LOOKUP' AND probability.language_code = @where:Param:language@ AND @FILTER@
8. Navigate to Administration --> Object --> Project
9. Navigate to Attributes tab and create a new attribute say "Test Power Filter" making use of the created Dynamic Lookup (Test Lookup Dynamic Query)
10. Naviaget to Home --> Projects
11. Expand the FILTER12. Click on [Build Power Filter]13. Select Object as "Project" & Field as the one what we have created i.e. "Test Power Filter"
14. Making use of the Browse icon , select "Digital" from the opened popup & click Add.
15. Click on Add and verify the "Evaluated Expression" & "Expression" values

Expected Results: "Expression" should show the right ID for the selected value & "Evaluated Expression" should show the ID corresponding value for the Evaluated Expression = (Project Test Power Filter = 'Digital')Expression = (project.test_power_filter == lookup("TESTLOOKUP_DYNAMICQUERY", "1"))

Actual Results: "Expression" shows right ID, but the "Evaluated Expression" does not show the ID repective value.i.e. Evaluated Expression = (Project Test Power Filter = 'Credit')Expression = (project.test_power_filter == lookup("TESTLOOKUP_DYNAMICQUERY", "1"))Additional Details:Seems like the Evaluted Expression is not honoring the IDs, instead it is displaying the value on alphabetic order.

DE37713

Cosmetic

Fixed in 15.4.0.0

Classic Portfolio Waterlines Weighted Ranking Rules Bug

Waterlines ranking is not working as expected when defined ranking rules use the default Yes|No lookup.

STEPS TO REPRODUCE:

1. Log in to Classic CA PPM.
2. Navigate to Administration --> Objects --> Project
3. Create a new lookup attribute say "Yes No" , making use of the OOTB Yes No lookup "PAC_RPT_YESNO"
4. Make this new attribute available in any section of the "Project Edit" view.
5. Create a new project say "Test 1" & save.
6. In Edit view of the Project , please select value "No" for newly added attribute and save the details.
7. Create another project say "Test 2" & save.
8. In Edit view of the Project , please select value "Yes" for newly added attribute and save the details.
9. Now, navigate to Administration --> Objects --> Portfolio Investment
10. Navigate to "Attribute Registry" tab and get the newly created attribute "Yes No" from Available Attributes to Selected attributes and save the details.
11. Navigate to Home --> Portfolios & create a new portfolio
12. Navigate to "Contents Editor" tab & add 2 projects (Test1 & Test2) under "Individual Investments" section.
13. Click on "Sync Now" and wait for that to get complete.
14. Navigate to "Waterlines" tab, we should see the 2 projects.
15. Click on "Define Ranking Rules" option
16. Let the "Primary Constraint" be "Planned Cost", but add the newly created attribute "Yes No" amking use of Add button.
17. Select "Ranking Method" as "Higher is Better".
18. Click on "Lookup Value Weighting" & have 0 weighting to "No" and 1 weighting to "Yes", and save the details.
19. Now, click on the "Run Ranking Rules"

Expected Results: We should see Test2 project first followed by Test1.

Actual Results: Ranking rules does not have any impact on the available projects. Whatever is the Ranking Method, the results do not get changed.

DE37718

Minor Problem

Fixed in 15.4.0.0

In Chrome, when clicking on different attributes of URL type in same page, the new opened tab is overwritten

When creating 2 new attributes of URL type in an object and adding these in the properties page, on clicking the first one a new tab is opened. On clicking the second one, no new tab is opened, it overwrites the first opened tab. In IE 11, this is working correctly, each URL opens in a new tab.

STEPS TO REPRODUCE:

1. In Google Chrome browser, create 2 new attributes of URL type, with default value (any url address) and read-only.
2. Add these attr to the project properties view
3. Create a new project and go to properties.
4. Click on the first url attr, it opens a new tab in the browser and opens the url.
5. Click on the second url attribute.

Expected: A new tab to be opened for display of new URL.
Actual: It overwrites the tab opened in Step 4.

DE37731

Minor Problem

Fixed in 15.4.0.0

Duplicate submission of Cost Plan (Budget Plan)

When opening two separate windows in your browser with the cost plans open and click 'Submit Plan of Record for Approval' (in both windows) it causes for two (2) cost plans to be in 'submitted' status.

STEPS TO REPRODUCE:

1. Create a cost plan on a project.
2. Open the cost plan page into two separate windows/tabs.
3. Click the 'Submit Plan of Record for Approval' in both windows.
4. In both windows, rename the cost plans to Cost plan 1/Cost plan 2 and click submit in both windows

Expected Results: Only one cost plan should be in submitted status, the other should be denied as one has already been submitted (per documentation).

Actual Results: Both cost plans are put into the submitted status cause for 2 of the same cost plan to be in submitted status.

DE37743
Cosmetic
Fixed in 15.4.0.0

Allocation field in Team Detail and Team Staff Should not be Editable

On the Team - Staff, and Team - Detail page, the "Allocation" field can be set to "Allow Editing", and the user can edit the field, but the change is not saved. This is misleading, and has caused confusion to many users. The Allocation field should be made a READ-ONLY field in the GUI to prevent the users from editing it, and to eventually learn that it cannot be changed.

STEPS TO REPRODUCE:

Method 1: Team - Staff page
In PPM, go to a project's Team tab which takes you to the Team Staff page.
Click on the Allocation field for a team member to attempt to edit their allocation

Expected Results: The Allocation field becomes editable and you are able to update the resource's allocation to a different a value
Actual Results: The field is read only, and you are unable to edit the allocation

Method 2: Team - Detail page
In PPM, go to a project's Team tab, and from the Team tab select Detail Click on the Allocation field for a team member to attempt to edit their allocation
Change the Allocation value and click Save.

Expected Results: The Allocation value is saved successfully
Actual Results: The Allocation value reverts back to the original value prior to edit

DE37749
Minor Problem
Fixed in 15.4.0.0

Graphs missing from Investment Transaction Inquiry report after upgrade to 15.3

STEPS TO REPRODUCE:

1. Post to WIP
2. Run the Investment Transaction Inquiry report.

Expected Results: Graphs should appear.
Actual Results: Graphs do not appear after upgrade to 15.3

DE37750
Minor Problem
Fixed in 15.4.0.0

Note Date value is missing from the prnotes after adjusting the posted timesheet

When adjusting a timesheet the original Timesheet Note date field is removed from the note in the UI and the note field is nulled in the database. (CA Support Note for Support Staff Only: See also CLRT-76972.)

STEPS TO REPRODUCE:

1. Make sure you do not have New Timesheets Activated
2. Make sure you enable Note Date on Admin/Timesheet Options
3. Add a task and create a time entry level note and include the note date
4. Approve and Post timesheet
5. Adjust timesheet

Expected Results: Adjustment timesheet includes the Note Date with the existing Note
Actual Results: Adjustment timesheet shows the Note but the Note Date is blank. Also null in db.

Workarounds: Would have to write query to join the original timesheet note to the adjusted to pull data into a custom report.

DE37752
Major Problem
Fixed in 15.4.0.0

Jaspersoft Timesheet Detail Report Missing Sunday Hours - MS SQL Server

SQL Server version only of Timesheet Detail Report does not reflect hours posted on a Sunday.

STEPS TO REPRODUCE:

- Does not matter what the Project Management settings First Day of the Week or what day the time period start on

1. Make sure the resource you are using has a Department defined.
2. Post a timesheet with hours on at least a Sunday.
3. Run Load Data Warehouse job.

Expected Results: Sunday hours show on report.

Actual Results: Sunday hours do not show on report. Same report works correctly in Oracle on 15.3.

Workarounds: None

DE37753
Minor Problem
Fixed in 15.4.0.0

MSP New Driver, % Complete for summary task changes to 0% if child task has a resource assigned and % Complete is >0 but <100

In MSP New Driver, % Complete for a summary task changes to 0% if the child task has a resource assigned and the % Complete is >0 and <100.

STEPS TO REPRODUCE:

1) In MSP, create two tasks and make the first task a summary task to the second task
2) Assign a resource to the child task (task beneath the summary task)
3) Update the % Complete of the child task to 50%, which updates the % complete of the summary task to 50% (Issue does not happen if you change the % Complete to 100%)
4) Save the project back to PPM (% Complete is correct in PPM at this step)
5) Export the project to MSP

Expected Results: Summary task % complete still shows as 50% which matches the child task

Actual Results: Summary task % Complete is 0% Note: If you save the project back to PPM, the % Complete of the summary task is then 0% there.

DE37767
Minor Problem
Fixed in 15.4.0.0

Jaspersoft OBS Resource Reports do not show Demand and Investments

In 15.3 the Resource OBS reports do not retrieve demand when there are several layers of OBS.

STEPS TO REPRODUCE:

Only reproducible on customer dataset as I do not have system with many OBS units.
1. Run either report
    -Capacity vs Demand by OBS
    -Booking Status by OBS
2. Choose Resource OBS Type: Department OBS and Resource OBS Unit: MSU|IT

Expected Results: All Capacity and Demand show (and match the portlet)

Actual Results: Demand is 0 for all months.

Workaround: Run at a lower level such as IT SERVICES ACADEMIC INFORMATION TECHNOLOGY and the Demand does show.

DE37785
Minor Problem
Fixed in 15.4.0.0

Virtual Attributes are available to select in the Start Condition of a Process

Virtual attributes are available to select in the Start Condition of a process. If a process on the task object is created using a virtual attribute on its start condition, it then prevents them from using autoschedule. This also happens when an Aggregated Calculated Attribute is configured in a process condition.

STEPS TO REPRODUCE:

Using a Virtual Attribute on a SubObject: (create a virtual attribute on the task object (myVirtualattr referencing a field from the project object)
1. Create a new process.
2. Add the Task object as the Primary object
3. Select 'Auto- Start' as the Start Option
4. Select 'Update' for the Start Event and click Save
5. Click on the 'Set Condition' link
6. On the 'Start Condition Builder' page, select the Task object
7. Click on the Attribute Value drop down

Expected Results: Virtual Attributes should not be available to select in the process expression builder

Actual Results: Virtual Attribute are available to select.

Selecting such attributes and running the process causes issues in other areas of the project such as not being able to save Tasks or Task Assignments. Using an Aggregated Calculated Attribute on a Master Object:
1. Create a new 'Aggregated' attribute on the Project Object (ACA1)
2. Create a new process definition
3. Add the Project object as the Primary Object
4. Select 'Auto-Start' as the Start Option
5. Select 'Update' for the Start Event and click 'Save'
6. Click on the 'Set Condition' link
7. On the 'Start Condition Builder' page, select the Project object
8. Click on the Attribute Value drop down

Expected Results: Aggregated Attributes should not be available to select in the process expression builder.
Actual Results Aggregated Attributes are available to select. Selecting such attributes causes issues in other areas of the project such as not being able to save Team Member records.

Troubleshooting Notes: Using virtual attributes in start conditions is not supported and can cause issues in other areas, such as autoschedule. Update your legacy Start Conditions to exclude virtual attributes; however, this change could lead to the process getting triggered to run more often. For example, you set up processes to run when values on a task change, such as the task baseline finish date. After setting up this process, you may no longer be able to publish their autoschedule tentative dates. If you attempt to do so, you might get a System Error. The UI and the logs indicate that the error message is due to the process that you created. Even if you put the process on hold, you might still need to restart the services to get autoschedule working again, which requires even more effort if you have to get this service restart scheduled with OnDemand.

DE37803
Cosmetic
Fixed in 15.4.0.0

PPMOP_15.3_DEFECT - GEL Script retains data from files that it read before

GEL script that uses "jelly:com.niku.union.gel.FileTagLibrary", retains data from files that it read before.

STEPS TO REPRODUCE:

1. Create a text files called 1.txt with the following content: hello,world,1.1 hello,world,1.2 hello,world,1.3
2. Create a text files called 2.txt with the following content: hello,world,2.1 hello,world,2.2 hello,world,2.3
3. Create a text files called 3.txt with the following content: hello,world,3.1 hello,world,3.2 hello,world,3.3
4. Create a GEL script with the following content:
    <gel:script xmlns:file="jelly:com.niku.union.gel.FileTagLibrary" xmlns:gel="jelly:com.niku.union.gel.GELTagLibrary" xmlns:core="jelly:core" > <core:forEach items="1.txt, 2.txt, 3.txt" var="infile"> <file:readFile fileName="${infile}" delimiter="," var="infileParsed" embedded="false"/> <gel:out>Processing file: ${infile}</gel:out> <core:forEach items="${infileParsed.rows}" var="row" indexVar="i" begin="1" step="1"> <gel:out>${row[0]}, ${row[1]}, ${row[2]}</gel:out> </core:forEach> </core:forEach> </gel:script>

5. Run this GEL at the command prompt: gel -script

Expected Results: Each occurrence of "Processing file: " would show only the contents of that file following it.
Actual Results: Each occurrence of "Processing file: " would show contents of all previous files as well as itself.

DE37806
Cosmetic
Fixed in 15.4.0.0

PPMSAAS_15.3_DEFECT - For any other locale other than English, the HRS bar does not get filled in New UI

STEPS TO REPRODUCE:

1. Go to Account Settings.
2. Change Locale to German (Germany).
3. Navigate to the CA PPM New User Experience timesheets.
4. Go to Review and Approve tab.
5. Filter for Posted timesheets.

Expected Results: The HRS bar underneath the name of a resource is filled.
Actual Results: The HRS bar is not filled. The HRS bar gets filled when Locale is set to English. For all other Locales, it is not filled.

DE37841
Major Problem
Fixed in 15.4.0.0

Classic PPM - Unable to save Timesheet Note when Returning a Timesheet on a Popup

Unable to save Timesheet Note when Returning a Timesheet on a Popup. The 'Save and Return', and the 'Return' buttons are missing. This defect is found in the 'Timesheet' portlet (Home > Timesheets). (Note: This is similar to DE35875 which affected the 'Timesheet Overview' portlet.)

STEPS TO REPRODUCE:

1. Go to Home -> Timesheets
2. Open the properties of an 'Open' timesheet
3. Add a task and enter hours on the timesheet
4. Submit the Timesheet for Approval
5. Log out of PPM
6. Log back in to PPM as a different user
7. Go to Home > Timesheets
8. Filter for Submitted Timesheets.
9. Click on the Timesheet icon next to the Submitted Timesheet from step 4
10. On the Timesheet portlet, click on the 'Return Timesheet' button.

Expected Results: The 'Add Timesheet Note' page is displayed, and you can enter a note and save.

Actual Results: The 'Add Timesheet Note' page is displayed, you can enter a note, but cannot save it. The 'Save and Return' or 'Return' buttons are missing. Users are unable to enter a reason for returning a timesheet if the Timesheet properties open in a popup as configured. Without a note for returning the timesheet, users would not know the reason why it was returned.

Workarounds: Use the Timesheet Overview portlet (fixed with DE35875) in 15.3.

DE37855
Cosmetic
Fixed in 15.4.0.0

Sending a reminder to all resources with Open Timesheets does not provide any confirmation

After sending a reminder to all resources with Open Timesheets when using the New UX, no notification confirmation is shown, but it is when a reminder is sent to an individual resource.

STEPS TO REPRODUCE:

1* Open the New Timesheets UX
2* Go to "Review & Approve" section of Timesheets and show users with open timesheets
3. Click on the clock icon to remind one user -> a green notification confirmation message pops up at the top of the screen ("Reminder sent").
4. Click on the filter section's "Open", then on "Remind All"

Expected Results: Like with an individual notification, a green notification confirmation message pops up at the top of the screen ("Reminders sent").

Actual Results: No confirmation appears on the screen.

DE37879
Major Problem
Fixed in 15.4.0.0

Issue with fetching audited TSV attributes in Custom Object

Issue with fetching time sliced audited TSV attributes in Custom Object

STEPS TO REPRODUCE:

1. Create an object
2. Create an attribute of the Data Type, "Time Varying"
3. Display the newly created attribute on the edit view of the object
4. Audit the attribute created in step 2 for Insertion and Update
5. Create a new instance of this object
6. Populate the attribute created in step 2 with data
7. Save
8. Change the data populated on step 6 and Save again
9. Make sure that the Audit of TSVs is being Time Sliced. (create 2 time slice definitions for OLD & NEW values as per TEC601945)
This query can be run on the DB to check this: select * from prj_blb_slicerequests where lower(request_name) like '%tsvaudit%' ;
10. Query the CMN_AUDITS_TSV and ODF_SL_AUD_OLD_VALUE tables for the attribute created in step 2
11. Make note of the result
12. Query the CMN_AUDITS_TSV and ODF_SL_AUD_NEW_VALUE tables for the attribute created in step 2
13. Make note of the result

Expected Results: Result sets from steps 11 and 13 do not match. Result set in step 11 should have a lag with respect to time against result set in step 13.

Actual Results: Result sets from steps 11 and 13 match. No differentiation is being made between the Old and the New TSV values.

DE37990
Major Problem
Fixed in 15.4.0.0

MAX_FETCH_LIMIT governor can be overridden in WSDL Query calls, producing incorrect slice totals and results

MAX_FETCH_LIMIT governor can be overridden in WSDL Query calls, producing incorrect slice totals and results. Bypassing this governor limit also permits a single user action to create a java.lang.OutOfMemoryError condition to bring down the application service.

STEPS TO REPRODUCE:

1. Create a Studio query called 'nolimit' with the following content on an Oracle PPM system. Oracle is required due to the vendor-specific query content, the defect itself is generic. It dynamically generates a guaranteed > 50k rows from the database (actually about 73k) without needing the physical data created.
select @SELECT:DIM:USER_DEF:IMPLIED:cal:rowkey:rowkey@,@SELECT:DIM_PROP:USER_DEF:IMPLIED:cal:dt:dt@from (select rownum as rowkey, trunc (sysdate,'YEAR') + level -1 as dtfrom dualconnect by level <= (trunc (sysdate,'YEAR')+interval '1' year - (trunc (sysdate,'YEAR') - (365*199)))) dategenWHERE   @FILTER@

2. Login to the XOG client and set an output file for the results.
3. Create a XOG input file with the following content:nolimit
4. Call the XOG input file and check the results.

Expected Results: The output file will correctly contain 50k results (per the governor limit) and state in the Slice section the true Total (e.g. 73000) but a Size value matching the quantity fetched of 50000

Actual Results: The output will correctly contain 50k results, but the Total and Size fields of the slice section will both show 73000, making it appear that all results are included

5. Create a XOG input file with the following content:
nolimit 0 55000
6. Call the XOG input file and check the results.

Expected Results: The output file should contain 50k results (per the governor limit) and state in the Slice section the true Total (e.g. 73000) but a Size value matching the quantity fetched up to the governor limit of 50000

Actual Results: The output will contain 55k results instead of 50k, the Slice field Total will correctly show 73k, but the Size field will also show 55k results instead of 50k (note: 55k is 'correct' for this response but since the response is wrong, both the number of records and this flag field are incorrect).

DE38034
Minor Problem
Fixed in 15.4.0.0

No audit trail for attributes in the pac_mnt_projects table when project created via XOG using a template

There is an issue with the Project XOG using Template and it seems to be a defect. We noticed that the "Financial Status" and "Department" were NOT appearing on the Project Audit page if these fields were updated. The Project Object has the Audit turned on these fields and it is working fine for most of the other projects in the system. We found that the audit trigger on PAC_MNT_PROJECTS was NOT inserting records into CMN_AUDITS table for this project because the column ODF_OBJECT_CODE in PAC_MNT_PROJECTS was NULL while ideally this column should be 'project'. We confirmed that this project was created through XOG using template (XOG xml had fromTemplate to point to a template). We verified other such projects and the result was same. The ODF_OBJECT_CODE in PAC_MNT_PROJECTS remains NULL in a project if the project is created via XOG using a template reference in XML.

The issue doesn't happen when -
1) Project is created via Front end without using template
2) Project is created via Front end using template
3) Project is created via XOG without using template The issue happens only when project is created via XOG using a template.

STEPS TO REPRODUCE:

1. Turn on audit trail for department and financial status attribute by going into Administration->Objects>Project.
NOTE: You may use any attributes that are stored in the PAC_MNT_PROJECTS table.
2. XOG in a prj_projects_from_template_write.xml file using XOG client.
3. Confirm project was created successfully by going into Home->Projects
4. Try to update values for Financial Status and Department attributes by going into project properties and choosing Settings
5. Click on Audit Trail tab and see that no activities are available to see for above mentioned attributes
6. Run the following query on the database: select * from pac_mnt_prjojects where odf_object_code is null order by created_date desc
Notice that this field is blank for the project you just created. This attribute should match the odf_object_code in the inv_investments table

Expected Results: able to see audit trail activities
Actual Results: not able to see audit trail activities

WORKAROUND: Run the following query to fix this problem. Then rerun the query whenever new projects are xogged in. Update pac_mnt_projects set odf_object_code = 'project'

DE38046
Major Problem
Fixed in 15.4.0.0

Clarity dependency libraries Security Scanning Issues in 15.2 - New

This security issue has been resolved.

DE38058
Major Problem
Fixed in 15.4.0.0

XXE Vulnerability in XOG

This security issue has been resolved.

DE38059
Major Problem
Fixed in 15.4.0.0

SQL Injection

This security issue has been resolved.

DE38073
Major Problem
Fixed in 15.4.0.0

SSL Password is not encrypted

This security issue has been resolved.

DE38088
Major Problem
Fixed in 15.4.0.0

Jackson JSON Library vulnerabilities

This security issue has been resolved.

DE38095
Minor Problem
Fixed in 15.4.0.0

Changing the Charge Code ID Allowed

In 15.3, the Charge Code ID can be changed even after it has been used in Cost Plan or WIP, causing issues with WIP showing on the cost plan. I believe this is only for new charge code values and not for existing that were upgraded and already in use.

Steps to Reproduce:
1. Create a new Charge Code under Administration / Project Management => Charge Codes
2. Create or use a Financially Enabled Project with Financial Status = Open
3. Add the charge code you created to the Project Properties so you can create a cost plan from team.
   - Or add the charge code to a task if you want to populate from assignments
4. Add Financially Enabled resource
5. Make sure they have some allocation amount
6. Create a cost plan by Populate from Team   - Group by Resource and Charge Code
7. Verify the cost plan looks ok.8. Create a transaction for the project and resource   - Use the same charge code
9. Post transaction to WIP
10. Verify the transaction shows on the cost plan as Actual Cost (may need to add field to cost plan details columns.)
11. Go to the Charge Code under Administration
12. Change the ID and click save

Expected Results: Error message: TMA-0200: Charge code ID cannot be changed because it is referenced by one or more records.

Actual Results: Allows you to save it. Once the ID is changed the actual amount is removed from the Cost Plan as now WIP has a different ID than the current Charge Code in the cost plan.

DE38135
Major Problem
Fixed in 15.4.0.0

Redirection Failure due to Jsessionid in URL in 15.3 PPM

Unable to log in after upgrading to Clarity 15.3 due to HTTP 404 error in web browser. Redirection to PPM fails after SSO authentication when the browser is opened for the first time. The issue is not seen when the browser is already opened before authentication of user.

After authenticating on Portal the user will be redirected to Portal with a HTTP 302 request from Portal. The JSESSION info is embedded in the URL when the browser is opened for the first time. The issue is occurring only with PPM version 15.3.

STEPS TO REPRODUCE:

1. Make sure browser is not opened.
2. Authenticate to Clarity (running 15.3 version) via SSO with following Relaystate.
https://cppmxxxx.ondemand.ca.com/niku/app
3. Forbidden error message is displayed after successful SSO authentication.
4. The URL shows the presence of JSESSIONID https://cppmu221-dev.ondemand.ca.com/niku/app;jsessionid=D16EE4350C18985BA0490366F980A4D3
5. Manually remove the JESSIONID from URL and refresh the page. The result is the PPM page is displayed properly.

Expected Results: User is prompted login screen.
Actual Results: Browser is displaying error with a HTTP 404; insertion of the JSESSIONID in the URL

DE38136
Minor Problem
Fixed in 15.4.0.0

'Click Here' link to task properties issue in notification doesn't work; 'System error. Contact system administrator'

Link to task properties issue in notifications: CA PPM does not correctly generate a link to Task properties in Notification.

STEPS TO REPRODUCE:
1. Create a process
2. Add Task object:
3. Start Options -> On Demand:
4. Setup Start step to send modifications:
5. Click on Process – Completed process step
6. Add link to Body of notification using binoculars:
7. You should see the link in the body like below:
8. Click save and return and validate the process:
9. Create an action item in Task Object:
10. Add Action to Task Properties Action menu list:
11. Launch Action from Task properties:
12. Email is received:
13. When we click on the link error appears:
14. We see that CA PPM generated link with wrong projectId parameter. Project Name is used instead of internal ID:

Expected Results: To click the **Click Here** link.
Actual Results: "! ERROR: System error. Contact system administrator." (The project name, and not the project ID, is shown in the URL.)

DE38148
Minor Problem
Fixed in 15.4.0.0

Performance of Load Data Warehouse Job is slow on large environments due to missing index on few tables

STEPS TO REPRODUCE:

1. Login to PPM and run the Load Data Warehouse job - either incremental or full load
2. Run the SQL Optimzer and you will see it will suggest few index

Expected Results: With the index in the system the job runs faster, the benchmark we have seen is on large system the job used to take 5 hour 45 minutes without index and with the mentioned index it takes 5 hour 25 minutes

Actual Results: Slowness in the Load Data Warehouse job

DE38186
Major Problem
Fixed in 15.4.0.0

SQL Injection in the My Projects portlet

This security issue has been resolved.

DE38190
Minor Problem
Fixed in 15.4.0.0

Report and Jobs: Scheduling a report to return XLSX output reverts the saved scheduled report format to PDF (default)

In Report and Jobs- When scheduling any report to return output type as XLSX the report format reverts back to PDF (default)- The scheduled reports format should be the one which is selected by end-user- This happens for Schedule the report and Save the parameters to share the output with other resources.

Steps to Reproduce:
1) Login to Clarity
2) Navigate to Reports and Jobs
3) Schedule any report with Format as XLSX
4) Open that scheduled report5) Report format reverts back to PDF (default)

Expected results: In Reports and Jobs the saved scheduled report's format should be the one which is selected by end-user

Actual Results: When scheduling any report the format reverts back to PDF (default)

DE38191
Minor Problem
Fixed in 15.4.0.0

Incident-Email notifications

When updating incident status to Resolved notification is not getting generated.

STEPS TO REPRODUCE:

1. Navigate to Home->Demand Management->Incidents
2. Click New to create new Incident and click on Save and Return
3. While in the List View change Status to Resolved and click Save
4. It should generate notification and email should be sent
5. Click on Organizer and observe that no notification has been generated and obviously email has not been sent.
   (Note that when Status is changed form the Incident properties page, notification is getting generated properly.)

Expected Results: Notification should get generated when status is updated to Resolved and email should be sent.
Actual Results: Notification is not generated when status is updated to Resolved and email not sent.

DE38210
Minor Problem
Fixed in 15.4.0.0

Orphan slice records remain in internal slice table PRJ_BLB_SLICES_M_ETC after removing team member from OWB

Removing team members from OWB leaves orphan slices behind.

STEPS TO REPRODUCE:

1. Create a project and note the project ID from the URL, eg: 5004000
2. Add a team member to the project so the Effort task is created and ETC populated.
3. Run this query against the DB select * from PRJ_BLB_SLICES_M_ETC where investment_id = 5004000
4. This returns row of data.
5. Remove the team member and re-run the query
6. The slice data has been removed as expected.
7. Add another team member and re-run the query in step 3
8. Slice data is populated
9. Open the project in OWB 10. Delete the resource from the project plan
11. Save back to PPM
12. The team member is not present on the project in PPM
13. Re-run the query

Expected Results: The slice data to be removed too

Actual Results: The slice data is still present, leaving orphan entries behind

DE38273
Minor Problem
Fixed in 15.4.0.0

Start_Period and Finish_Period of Cost Plan list page show Time Periods of all Entities

In ppm15.2, ppm15.3, Start_Period and Finish_Period of Cost Plan list page show Time Periods of all Entities. In ppm14.2, Start_Period and Finish_Period of Cost Plan list page show only Time Periods of related Entity. Customer upgraded from ppm14.2 to ppm15.2 and encountered this problem. It is replicated in ppm15.3.

STEPS TO REPRODUCE:

1. Define two Entities. (ex, Entity01 and Entity02)
2. Define Time Periods. (ex Monthly time periods between 2017/04/01 - 2018/03/31 for each Entities.)
3. Create Cost Plan in project which is related Entity01.
4. In Cost Plan list page, click Start_Period, Time Periods of Entity01 and Entity02 are displayed.
5. Start_Period and Finish_Period in Cost Plan properties page shows correct Periods data which are related to Entity.

Expected Results: Time Periods of related Entity should be displayed.
Actual Results: Time Periods of all Entities are displayed.

DE38304
Major Problem
Fixed in 15.4.0.0

Unable to save changes made in the Chargebacks section of a Project

After upgrade from PPM 14.3 to 15.3, non-admin users can no longer make changes and save them on the Chargebacks section of a Project. When trying to do so, the below error message is shown to the user: "Error 401 - Unauthorized. You are not authorized to view the page. If you are sure you have access, try logging in again or contact your system administrator."

For whatever reason, after assigning the access right "Financial Maintenance - Financial Organizational Structure" is needed to be able to successfully make and save those changes. This was not needed in 14.3. The root cause of this appears to be the same one as mentioned in DE29606. Providing the access right mentioned above resolves the problem, but it should not be needed as that access right is meant for financial management from the Administrative side, not an end-user project manager perspective, where that right should not be needed for normal non-adminstrative functions.

STEPS TO REPRODUCE:

1. Create a project or navigate to an existing one with a normal project manager type user (meaning they do not have the right "Financial Maintenance - Financial Organizational Structure")
2. In the project, click on the Chargebacks tab and select Options from the dropdown menu
3. Choose a value for the Chargeback Type and for the Bill Expense Type
4. Click on the Save button

Expected Results: The changes are saved without an error.
Actual Results: Saving the changes results in "Error 401 - Unauthorized. You are not authorized to view the page. If you are sure you have access, try logging in again or contact your system administrator." No specific error message is recorded in the app-ca logs indicating what is causing the save error.

Workarounds: Granting the *Financial Maintenance - Financial Organizational Structure* access right to the user allowed them to save the change. This did not give them access to the Administration menu.

DE38309
Minor Problem
Fixed in 15.4.0.0

501 Error when removing a resource from an action item

Error appears when removing a resource manager from an action item.

STEPS TO REPRODUCE:

1: Navigate to Home -> Organizer -> Action Items.
2: Click on Action Item Name Link
3: Select the resource name and click on remove button under Assignees
4: Click on Return button

Expected Results: It should return to the action items page without an issue.

Actual Results: Error 501 - Not Implemented. The server does not support the requested feature. Contact your system administrator.

DE38372
Major Problem
Fixed in 15.4.0.0

Action Items generated from Task object process errors when user clicks on Task name in the Object links

When a Task object process with an action item is generated, the action item contains a link to a task. Clicking on the link after receiving the action item results in an error:[en - Unable to process request - Server or Network error]

STEPS TO REPRODUCE:

1. Create a simple Task Object process a Start and Finish steps (Start Step => Finish Step)
2. Set the Start Option to be 'On Demand'.
3. Create an Action in the 'Start' step based on Action Type => 'Manual Action'
4. For the 'Actions' Select 'Approved' and 'Rejected' fields.
5. In the Subject field, select Task 'Name'
6. For 'Assignees', select the users you are currently logged in as from the 'Resource' tab.
7. Click on 'Save and Return' button to come out of the page then specify the 'Finish' to complete and Validate/Activate process
8. In the Task object, create a new 'Action' from the 'Actions' tab which is of Type => 'Process' and select the process created in the Steps above.
9. From the 'Views' tab, click on 'Actions Menu' for the 'Task List' then click on 'General' link and the Action created in step 8 above to the 'Selected Actions' section. Click on 'Save And Return' button.
10. From CA PPM project list page, open a project => Task list page. Select a Task by clicking on a checkbox then from the 'Actions' dropdown menu click on the Action created in step 8. Process is launched and executed
11. Navigate to CA PPM Home => Organizer page to view the Action Item. Click on Action Item to open then the 'Objects' link.

Expected Results: Task to open successfully

Actual Results: Error message is generated as follows: 'en - Unable to process request - Server or Network error'

DE38373
Major Problem
Fixed in 15.4.0.0

Annual Plans show incorrect amount in the Financial Forecast Review by Investment Report

Annual Plans show incorrect amount in the Financial Forecast Review by Investment Report. Similar to CLRT-80605 which addressed the Project Storyboard Report. That report does appear to be correct. When you break the annual plan to monthly in the cost plan and then add up the individual months the total matches the Financial Forecast Review by Investment Report.

Steps to Reproduce:
1. Make sure your DW Entity has annual plan periods defined and active
2. Use a project that is associated to that Entity
3. Create an Annual Type cost plan
    a. Make the Annual Amount = $1,000,000
    b. Change TSV to month and observe the monthly amounts
    c. Change the TSV back to Annual
4. Make sure the Time Slicing job runs
5. Run Load DW Job in Full mode

Expected Results: Planned Amount on Financial Forecast Review by Investment Report shows 1,000,000

Actual Results: Planned Amount on Financial Forecast Review by Investment Report shows 1,000,000.02 (for 2017). For FY 2018 it shows 1,000,000.04.

DE38383
Minor Problem
Fixed in 15.4.0.0

Current timesheet displays timesheet for last week due to 17-hour difference

Current timesheet displays the timesheet for last week due to 17-hour time difference.

A Japanese user has 17 hours difference between the server time (PST) and login user time (JST). When we try to log in to PPM on Monday (JST) and click Current Timesheet icon, we see the timesheet for last week because the server time still shows Sunday time. This happens when the login user date is Monday but the server date is Sunday. We should see the timesheet for this week because login user date is Monday.

STEPS TO REPRODUCE:

1. Configure a CA PPM environment to match the user scenario given in the description.
2. Log in PPM and click Current Timesheet icon. For example, log in on Monday, January 8, 2018.

Expected Results: I should see the timesheet for this week (1/1 - 1/7) because date is 2018/01/08 (Mon).

Actual Results: The timesheet for the last week (12/25 - 12/31) appears.

Workaround: Manually select the current timesheet.

DE38418
Minor Problem
Fixed in 15.4.0.0

System Restricted Lookup value is editable and could be activated or deactivated from Administration

Values of system restricted static lookup, could be activated/deactivated from the lookup definition, under studio; however, the deactivated values are still observed, wherever these lookups are referenced. The expectation is that the system restricted lookup values should not be editable in terms of activation/deactivation.

STEPS TO REPRODUCE:

1. Log in to PPM and navigate to Administration >> Data Administration >> Lookups.
2. Filter for a system restricted lookup, for example - Report Output Types
3. Navigate to the values tab, select any of the available value, for example, PDF, uncheck the Active check box and click on save and return
4. Navigate to the attribute where this lookup is in use and check for the lookup value list

Expected Results: The value which was deactivated in the static system restricted lookup, should not be visible. User should not be able to edit system restricted lookup and activate/deactivate values. Although the system does not honor such changes, this could create confusion among end users, for whom such options are available.

Actual Results: The deactivated value is visible in the lookup list; however, the above changes are not applied.

DE38482
Major Problem
Fixed in 15.4.0.0

XSS Issue in PPM on gridExcelExport action

This security issue has been resolved.

DE38499
Minor Problem
Fixed in 15.4.0.0

SCR Finding - Medium - XML External Entity (Continuation of Bug DE38058)

This security issue has been resolved.

DE38554
Major Problem
Fixed in 15.4.0.0

Unable to open field property in Filter Portlet if the default value has an "&" symbol

If the default value of a lookup type field has an "&" symbol - customer is unable to open it later and make changes. The "&" symbol in the lookup value name is causing issues. We have had previous issues with special characters in the OBS field, but the "&" was not in the list of special characters that were not allowed as documented below: https://support.ca.com/us/knowledge-base-articles.TEC602263.html

STEPS TO REPRODUCE:

1. Create a static lookup "Test Lookup MQ" Add Values to this lookup as follows: Value1 value1 Value 2 value2 Value 4 & 5 value45
2. Create a portlet of type "Filter Portlet" named say "Test Portlet" and Save it Content Souce : Customer Category: Project Instance Type: General
3. Click on Fields
4. Add a new Field "Test Field MQ" Data Type: Lookup In the Lookup box Select the lookup created in step1 "Test Lookup MQ"
5. Click on Save not Save and Return
6. On the same Field page select Filter Default as "Value 4 & 5" and click on save
7. The page refreshes and I get an error - (at this step customer who is on 14.4. does not get an error and is able to save the value.)
8. Close the error and go back to Clarity
9. Go back to "Test Portlet" and go to Fields and click on "Test Field MQ"

Expected Results: The Test Field MQ Field properties page should open up

Actual Results: You get an error "Unable to Process request". If you remove the "&" symbol from the Lookup value which is set as the default value on the field and go back to open the field properties - it opens up just fine.

DE38593

Minor Problem

Fixed in 15.4.0.0

Numeric overflow in sequence CMN_SEC_USER_GROUPS_S1

If the Sequence CMN_SEC_USER_GROUPS_S1 exceeds the maximum positive value for a 32-bit signed binary integer (2,147,483,647), it is not possible to create new projects. The database error received is: java.sql.SQLException: [CA Clarity][Oracle JDBC Driver]Numeric overflow.

STEPS TO REPRODUCE:

1. In a design concept, think about a CA PPM system with 2000 projects, each one having a group for users (so there are 2000 groups).
2. With 2000 users who participate in multiple projects, in total, there are 2000 x 2000 x 2000 possibilities to assign - theoretically this would be 8,000,000,000.
3. This number seems to increase with every assignment to a group on at least the number of rights which are in this group. So if a group shares 20 rights to a user, every user who is included to this group increases the sequence to at least another 20 numbers per assignment to a group.
4. Imagine this system exists for 10 - 15 years and assignments are updated regularly at least on a daily basis. This happened on a "normal" ppm application, which exists for several years now.

Expected Results: The sequence to increment correctly

Actual Results: The sequence throws a numeric overflow error; this error seems to originate in META-INF/dms/pmd/dmsPMD.xml . The p_id is used for insert of the id field of the CMN_SEC_USER_GROUPS table.

Workaround: This error was resolved manually by enlarging this sequence to long datatype, by changing in dmsPMD.xml: param name="p_id" type="int" direction="OUT" defaultValue="0"to param name="p_id" type="long" direction="OUT" defaultValue="0"

DE38600

Minor Problem

Fixed in 15.4.0.0

Type “\-->” in Project Description field, click save, it changes to this ".....\\\\\\\\\\\\\\-->'

If you create a project with special characters in the description these character gets transformed. After several savings the description text field is grown to a critical size. See: https://support.ca.com/us/knowledge-base-articles.TEC1082026.html

STEPS TO REPRODUCE:

1. Create a new project. Home > Portfolio Management > projects and click New.
2. Create a new project with the description text which contains the following characters “\-->”
3. Click Save.
4. The project is saved and the description text is escaped.
5. Change the finish date to the next day and press save, or you don’t have to change the Finish date, you can just click on the ‘Save’ button again.
6. The description gets escaped a second time. The size of the text in in the text field grows.
7. Repeat step 5 till the value in description field is too large.

Expected Results: It should be possible to change a project and the description does not get escaped each time it is saved.

Actual Results: The description gets longer until the description field is too large to display. It ends up showing something like this:-
\\\
\\\-->

DE38627

Minor Problem

Fixed in 15.4.0.0

Autostart Process autostart does not trigger on using xog

In a system, we have a xog process for inserting and updating timesheets. After create or update, a process is to be auto started. The timesheets are created and updated correctly but there is no process started although the conditions are met. On creating/updating the timesheet manually through the UI, the process is started correctly.

STEPS TO REPRODUCE:

1. Take the prj_timeperiod_read.xml to xog out an existing timesheet of a resource
2. Modify the output xml: add some hours for a new period in order to create a new timesheet. Follow the steps in TEC4386983.
3. Create in UI a process with auto start condition for create and update: ("Timesheet Status = 'Open')
4. Xog in the modified xml

Expected Results: The timesheet to be created and the autostart process to be triggered

Actual Results: The timesheet is created but the autostart process is not triggered

DE38763

Major Problem

Fixed in 15.4.0.0

PPMOP_15.3_Defect Forgot Password Functionality CASE Sensitive

The new UX "Forgot Password" functionality requires the exact case of the username in the field, to receive an email. If you don't you won't receive an email. Classic PPM doesn't require you to match the case of the username. If I click on the "Forgot Password" link and put in the userid of abC, instead of abc, I won't receive an email to reset the password. However, I can log into the solution successfully with abC.

STEPS TO REPRODUCE:

1. Create a Username that has mixed case.
2. Log into the solution with username in all lower case >> will be successful.
3. Logout.
4. Click the link to log in again.
5. Click "Forgot Password"
6. In the username field, enter all lower case.
7. Will not get a reset password email.

Expected Results: Login and Forgot Password should work the same way (non-case-sensitive)

Actual Results: Forgot Login Functionality is case sensitive. If a user doesn't realize that their username is mixed case they won't get an email to change their password.

DE38767

Minor Problem

Fixed in 15.4.0.0

Values not showing for multi-valued attribute lookups on list views

In the event of a problem with a lookup definition in use by a multi-valued attribute, it may result in the values for that and/or other multi-valued lookups based attributes to disappear from the display on the object's list view. Unless you know which logger to enable at the right level, instrumentation does not help identify the issue (at which point you wouldn't need instrumentation anymore as you already know the problem).

STEPS TO REPRODUCE:

1. Create two multi-value lookup based attributes on the Project object. You can use any static list lookup with a few simple values to select from.
2. Invalidate the lookup_type reference for just the first of these two attributes that was created.

Note: Although it's not the way the problem typically occurs, for the purposes of this STR this will work to recreate the scenario that can occur. I would suggest updating odf_custom_attributes and setting lookup_type value to something that does not actually exist, like 'bad_lookup_type' or similar.
3. Add the second attribute to the project list view and publish it.
4. Attempt to browse in the list view for any existing project some new values to store against the 2nd attribute and save the selection.
5. Refresh or revisit the project list view at any time.

Expected Results: The saved values for the 2nd attribute should be displayed as chosen and saved.
Actual Results: No values are shown (although they did save if the database is checked), and no errors are reported for this page/action.

DE38788

Major Problem

Fixed in 15.4.0.0

Performance issue with Advanced reporting after upgrading to Oracle 12c

STEPS TO REPRODUCE:

1. Log in to CA PPM.
2. Navigate to Advanced reporting and run below reports:
    Project Status Report V1
    Project Status Report V2
    Project Summary Report
    Project KPI Report
    Gantt Summary Report

Expected Results: All the Reports should fetch the results in less than a minute

Actual Results: Critical reports generation is taking time.
1- Project Status Report V1 and Project Status Report V2: These two reports are having the Project Name as a multi-select filter. The report is working fine only when we are selecting one project in this filter. In case when we select 2 or more projects, the report is taking around 20 - 25 mins to come up.
2- This issue is common across all other Project related Reports(Project Status Report V1 & V2, Project Summary Report, Prject KPI Report): Here the reports work fine if we select a project from Project Name filter but when we select other filters like OBS Name, the reports again takes around 15 mins to come up.
3- Portfolio Summary Report: The performance of this report at the time of creating this CASUP seems to be OK, but it is also having the performance issues frequently.

DE38839

Minor Problem

Fixed in 15.4.0.0

Incorrect Format Dates in notifications

Date Format for all Notifications does not honor Resource Local under account settings.

STEPS TO REPRODUCE:

1) Navigate to Home > Account Settings and set Locale to English (United Kingdom)
2) Create a new Action Item Then go to Home > Organizer > Action Item tab a
3) Select a Due Date, check the attribute “Notify Assignees” and assign the Action Item to yourself
4) Go to Home -> Organizer -> Notifications

Expected Results: A notification is received with the 'Due Date' format displayed according to the User’s locale = English (United Kingdom)

Actual Results: Notification is received with an English locale (US date format).

DE38856

Major Problem

Fixed in 15.4.0.0

XOG object write may select the wrong lookup value or permit an invalid lookup value to be saved

STEPS TO REPRODUCE:
Steps are provided using a query that is Oracle specific but using an MSSQL variant of the query causes the same issue.

1. Create an NSQL based lookup called 'rtest' with the following contrived SQL to force the issues to occur consistently without organic data creation steps:

select@SELECT:cc.CODE:code@,@SELECT:cc.NAME || '(' || cc.code || ')':name@from(select 'abcdef' as code, '1st' as name from dualunion allselect 'abc' as code, '2nd' as name from dualunion allselect 'fabcde' as code, '3rd' as name from dualunion allselect 'ab' as code, '4th' as name from dual)ccWHERE@FILTER@

Note: Column 2 is sorted alphabetically, Column 1 is deliberately out of the sort order (as might be the case if querying from a table of data rows).

2. Set the Hidden Key to 'code' and the Display Attribute to 'name'
3. On the Browse window tab set the Default Sorting Column to 'name' and Default Sort Order 'Ascending'
4. Create an attribute on the Resource object called 'rtest' that uses this lookup 'rtest'
5. Perform a basic XOG user write for 'admin' supplying the value 'abc' for the rtest attribute, for example,
    resourceId="admin" resourceType="LABOR" username="admin"> abc NIKU.ROOT

Expected Results: If using PPM 15.1 you expect that the attribute should be set to "abc" and show "2nd (abc)" in the PPM UI
Actual Results: If using PPM 15.1 the attribute is set to "abcdef" and shows "1st (abcdef)" in the PPM UI

6. Perform a basic XOG user write for 'admin' supplying the value 'z' for the test attribute, e.g.:
    resourceId="admin" resourceType="LABOR" username="admin"> z NIKU.ROOT
7. Observe that the XOG output file states that the lookup value is invalid and does not change the attribute value.
8. Perform a basic XOG user write for 'admin' supplying the value 'a' for the test attribute, e.g.:
    resourceId="admin" resourceType="LABOR" username="admin"> a NIKU.ROOT

Expected results: In 15.3 this should also reject the attribute value in the XOG output and state that it is invalid.
Actual results: In 15.3 it stores "a" to the custom attribute on the object, shows no problem in the XOG output, and appears blank in the PPM UI. Queries/reports written expecting to join the value of this attribute (if not null) to another table will result in the resource record being excluded from the results due to no matching join.

DE38910

Minor Problem

Fixed in 15.4.0.0

HTML portlets containing "-->" break page layout after login

If an HTML portlet that contains "-->" in the source is displayed as a top portlet with other portlets, the page layout is broken and all the portlets are displayed inside this one. A page refresh is necessary every time after logout to display the correct layout.

STEPS TO REPRODUCE:

1* Create a new HTML Portlet with the following code:

```
<!DOCTYPE html><html>
        <head>
          <title>Basic Web Page</title>
        </head>
        <body>
          Hello World! --> Goodbye :(
        </body>
</html>
```

2* Add the portlet in the Overview page (Overview -> Manage my Tabs -> Content -> Add -> [html portlet])
3* Make sure that there are additional portlets as well.
4* Go to Layout tab, and use any multi-column layout (e.g.: Two Column 66-34), and in the first column, add the HTML portlet as the topmost portlet, and some other portlets below. Right column should have content, too.
5* Log out. This is important.
6* Log in and open the Overview page.

Expected Results: Layout for the Overview page is as configured in the page Layout tab.
Actual Results: Layout for the Overview page is "broken", all the portlets appear inside the HTML portlet.

Workaround: Refreshing the page will temporarily correct the layout issue.

DE38947

Minor Problem

Fixed in 15.4.0.0

Attribute Defaults not working with New UI is the attribute is not visible in New UI in the project

We have defaulted the Status field to always be Approved. When we create a project in the New UI and then look at it in Classic PPM this field always shows Unapproved. But if we were to create this project in Classic PPM then the Status field shows Approved (like we have it defaulted to do).

STEPS TO REPRODUCE:

1. Log in to CA PPM (Classic) and click Administration, Studio to open the following objects and attributes:
   Object: Project. Attribute: Status Set Default: Approved Add Attribute Status in the Layout:Create view and in Layout:Edit In View: Project Properties - Property Field be sure you don't have Override Default

2. Create a Template. Verify Status=Approved
3. Create a new project from that template in Classic PPM. Status field shows Approved (like we have it defaulted to do). = In the new UI
4. Create a New Project from that Template. Notice that you don't see 'Status' in the new UI. That is one of the attributes that you can not add, it was not an option to select it. Attribut Status has 'API Attribute ID' grayed out.
5. Open the Project created in new UI in classic PPM. Check 'Status'

Expected Results: The projects Status should be Approved
Actual Results: The projects shows Status Unapproved.

NOTE: Defaults works fine for attributes that you can add/see in the project in the new UI.

DE39007

Minor Problem

Fixed in 15.4.0.0

Cannot Create New Task in NEW UI when Task ID is Auto-Extended

STEPS TO REPRODUCE:

1. Administration > Objects > Search 'Project' > Click on 'Attributes' tab > Select 'Investment ID'
2. Click on 'Auto-Numbering' tab > Tick 'Auto-Numbered> Create a new scheme > Click on [Edit]
3. Click on 'Numeric Counter' > Set the counter length to '17' >Tick 'Auto–extended' > Save and Return
4. Administration > Objects > search 'Task' > Click on Attribute tab > Select 'ID'
5. Click on 'Auto- numbering' tab > Tick 'Auto-Numbered' > Create a new scheme > Click on [Edit]
6. Click New button Type of Segment: Parent Object Attribute Reference Referenced Object: Investment Referenced Attribute: Investment ID Segment Max Length: 6
7. Save and Return
8. Click on 'Numeric Counter' > Set the counter length to '10' > Ensure 'Auto–extended' > Save and Return
9. Home > Portfolio Management > Click Project > Create a New Project
10. Add a resource
11. Click on Task tab > Create a New Task > Save and Return
12. Navigate to NEW UI > Select on the project created in Classic view
13. Click on Task
14. Create a New Task

Expected Results: New Task is created.
Actual Results: Error 'ID' is too large. Maximum size is 16 is displayed It seems task ID is not auto extending when the limit is reached in the NEW UI.

DE39080

Major Problem

Fixed in 15.4.0.0

PARENT_SKILL_ID in RSM_SKILLS table remains unchanged when skills updated via XOG

The PARENT_SKILL_ID in RSM_SKILLS table remains unchanged on xogging of skills.

STEPS TO REPRODUCE:

1. Create a Skill Named "Parent Skill 1".
2. Create a Skill Named "Child Skill".
3. Make the Parent Skill of the "Child Skill" as "Parent Skill 1"
4. Create a Skill Named "Parent Skill 2"
5. XOG out the "Child Skill" and update the Parent as below,
6. In the UI, the Parent Skill of "Child Skill" becomes "Parent Skill 2"
7. In the RSM_SKILLS table the "SKILL_PATH" and "PARENT_SKILL_PATH" gets updated.
8. But, the "PARENT_SKILL_ID" is not updated and still contains the ID for Parent Skill 1.

Expected Results: PARENT_SKILL_ID in the rsm_skills table is updated to the Id for Parent Skill 2.
Actual Results: PARENT_SKILL_ID in the rsm_skills table is not updated and still contains the ID for Parent Skill 1PARENT_SKILL_ID in the rsm_skills table is updated to the Id for Parent Skill 2 when Child Skill is updated via the CA PPM UI.

DE39199
Cosmetic
Fixed in 15.4.0.0

Roles are Open for Time Entry

Roles are created with Open for Time Entry and Track Mode=PPM if these attributes have default values on the Resource Object.

Steps to Reproduce:
1. Resource Object Attributes set attributes as follows: - Open for Time Entry - check the default boolean - Track Mode = PPM
2. The create a new Labor Role
3. Add the Open for Time Entry and Track Mode attributes to the resource list page.

Expected Results: Role is not Open for Time Entry and Track Mode = None.
(Note: These fields cannot be edited for Roles.)

Actual Results: Open for Time Entry = Yes and Track Mode = PPM
Roles have timesheets available and time can be posted to Roles which is not a supported PPM function.

DE39245
Minor Problem
Fixed in 15.4.0.0

Project issues are editable even if the user does not have editing rights and the issues have been created from a risk

Access rights are not respected on all scenarios. Users with no editing rights can actually edit and save changes

STEPS TO REPRODUCE:

1. Go to Administration > Organization and Access > Groups
2. Create a new group called TestGroup
3. Add the following global rights:
Projects - Navigate | Resource - Navigate | Project - Risk, Issue, Change Request - View - All | Project - View Tasks - All
4. Create a new user UserTest1 and add him to the above group
5. Create a project called TestProject and add UserTest1 to the team
6. On the Risks/Issues/Changes tab, create a risk on the project in Classic PPM.
7. Click on Save and afterwards, create an issue from this risk by using the Create Issue button on the risk itself
8. You will notice the issue has been created
9. Log out and log in as UserTest1
10. Go to the project list and you will see the TestProject project
11. On the Risks/Issues/Changes tab > Risks, open the risk. This is read-only. That is fine
12. On the Risks/Issues/Changes tab > Risks list, the fields are read-only. That is fine
13. On the Risks/Issues/Changes tab > Issues, open the issue. This is read-only. That is fine
14. On the Risks/Issues/Changes tab > Issues list, click on any of the cells available.

Expected result: The issue to be read-only, as I only have view rights
Actual result: The cells are editable and I can actually do changes and save them
Workaround: Add the 'Originating issue/Risk' field to the list view