

SmartCloud Control Desk 7.5 Upgrade: Impact on Application User Interface Modifications

SmartCloud Control Desk Version 7.5 introduces updates to several applications to make them easier to use. These updates might conflict with modifications that you may have made to applications using the Application Designer in prior releases. If you have made any modifications to specific UI containers (i.e., sections, section-columns, tabgroups, and so on) within these applications, you may lose them during the upgrade to 7.5. This document provides information about the main applications that are affected.

Multiple Environments

If you have multiple environments (i.e., DEV, QA, PROD) to upgrade to 7.5, you only need to perform this assessment and follow on actions in the first environment. To address the same issues in each subsequent environment, you could simply export the rectified application presentation from the first environment and import it using the Application Designer.

Prior to upgrade to SmartCloud Control Desk 7.5

Use the information provided in this document to assess how your deployment might be impacted. For each listed application, the removed UI container ID is provided. Screenshots of the affected UI container for versions 7.2.1 and 7.5 are also provided. If you have made any modifications within that specific container in your deployment, you may lose them during the upgrade. You should:

- Take a backup of the application's presentation XML using the Application Designer
- Take note of all modifications you have done *within* that UI container

During upgrade to SmartCloud Control Desk 7.5

During the upgrade, the product installation program creates a backup file of all the application presentations. This backup file is stored on the administrative workstation in the logs subdirectory under the install directory (example `ibm/smp/logs`). The name of the file includes a timestamp indicating when it was created, for example, `PresentationXML_201108120908.xml`.

The Maximo® database is upgraded by the *updatedb* utility, which executes several scripts that update the schema and content of the database. This includes the application presentations which are stored in the database. Changes that are applied to the application presentations can be found in the script files with extension "*mxs*" under the subfolder `maximo/tools/maximo/en` under your install directory. Scripts that upgrade the following set of applications remove certain selected UI containers:

- Change
- Blackout Periods
- Create Service Request

- Activities and Tasks
- Software Contracts
- Licenses
- Library (affecting Work Order Tracking and Activities and Tasks)

Post upgrade to SmartCloud Control Desk 7.5

Use the Application Designer in version 7.5 to reinstate your modifications by making additions or adjustments to the upgraded screens. For doing this, you could use the backups of the application presentations you took prior to the upgrade or the backup PresentationXML_<timestamp>.xml file taken automatically by the installer. Alternatively, you could compare the upgraded screen with other deployments you may have that have yet to be upgraded.

Additional Resources

Consult the SmartCloud Control Desk 7.5 Upgrade Guide (click the link: <https://www.ibm.com/developerworks/wikis/display/tivoli/SmartCloud+Control+Desk+--+Installing%2C+Migrating+and+Upgrading>, and then select the “SmartCloud Control Desk Version 7.5 Upgrade Guide” link), Chapter 11: Post Upgrade Tasks, Section “Reviewing your upgraded screens”.

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Change Application

Application ID: change

Relevant script file: maximo/tools/maximo/en/change_pmp/V7500_01.mxs

All tabs

The section “Progress Map” (id = “headerA_1xc”) is removed and reintroduced within each tab. The section column containing the Owner, Owner Group, and Status fields is restructured.

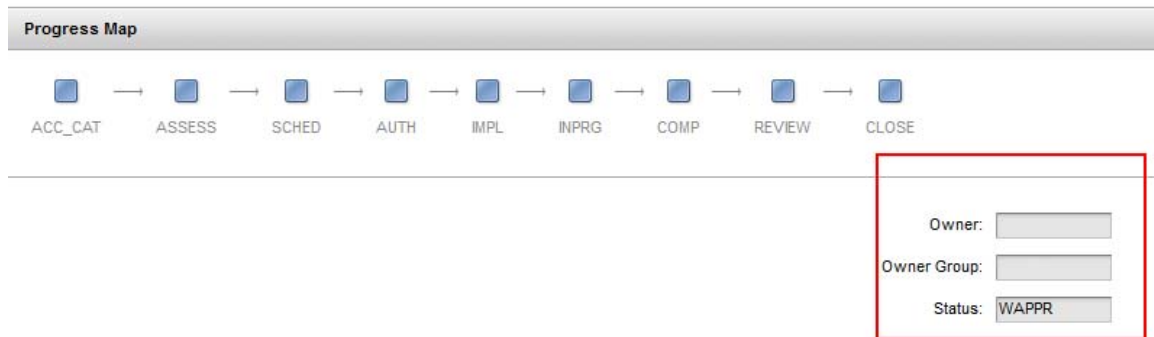


Figure 1: Section Column in 7.2.1

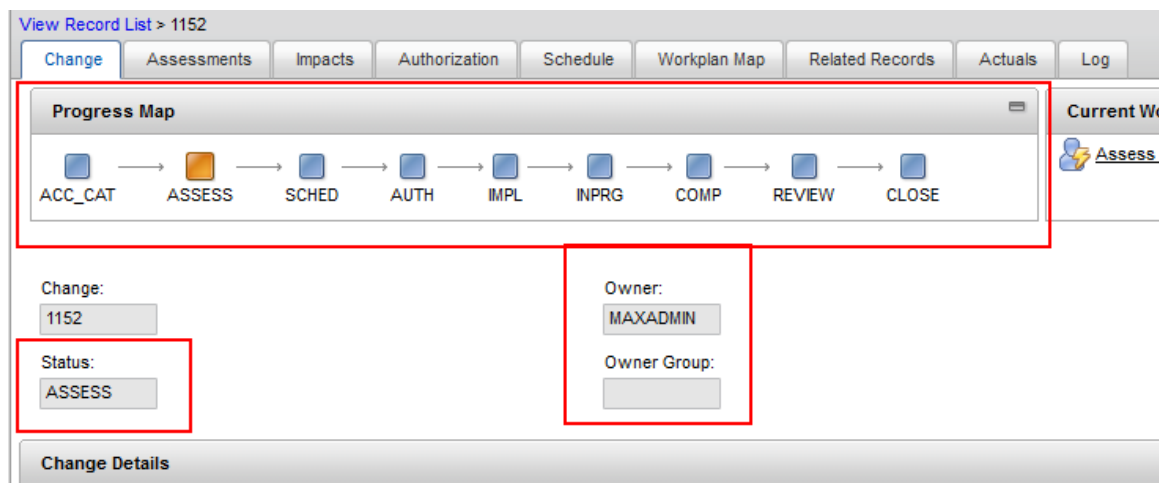


Figure 2: Restructuring in 7.5

Schedule Tab

1. Tab Group “Schedule Conflicts” (id=“plans_plans”) removed and reintroduced without changes to make adjustments for 7.5 Licensing.

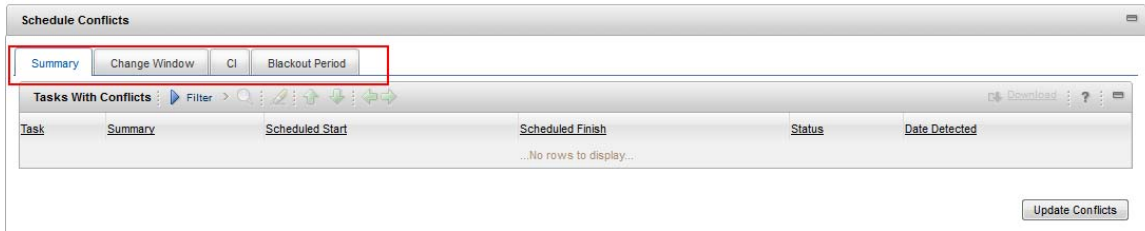


Figure 3: Schedule Conflicts Tab Group in 7.2.1

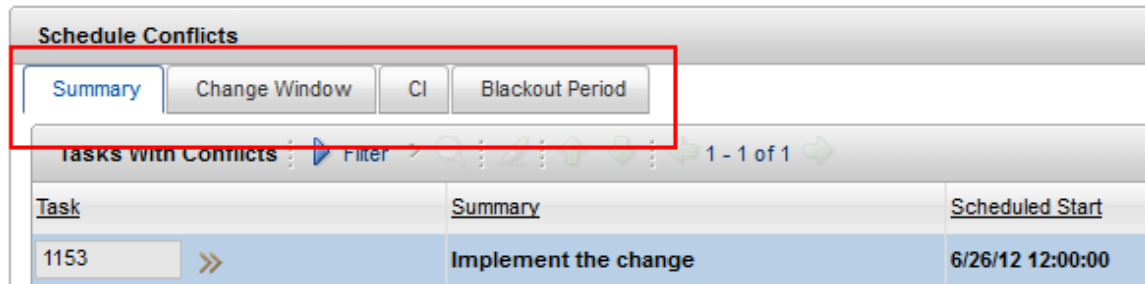


Figure 4: Schedule Conflicts Tab Group in 7.2.1

2. Under Tasks for Change, the section (id="pmchg_section_task_f") contained by section "Work Reference Information" is removed and reintroduced with changes to reduce horizontal scrolling.

Tasks for Change 1148 Filter > 1 - 1 of 1

Sequence	Task	Summary	Estimated Duration	Status
	10		1:00	WAPP

Task Information

Task: 10 Under Flow Control?

Sequence: Flow Action: >>

Status: WAPPR Flow Action Assist?

Classification: >> Assisted Workflow: >>

Classification Description: Launch Entry Name:

Implementation Task?

Work Reference Information

Reference WO: 1153 >>

Location: >>

Asset: >>

Configuration Item: >>

Configuration Item Name:

CI Business Impact: >>

Figure 5: Work Reference Information in 7.2.1

Tasks for Change 1152 Filter > 1 - 1 of 1

Optionally create tasks in this table to define the implementation plan

Sequence	Task	Summary	Estimated Duration
10	Implement the change		1:00

Task Information

* Task: 10 Implement the change

Under Flow Control?

Sequence:

Flow Action: >>

Status: WAPPR

Flow Action Assist?

Classification: >>

Assisted Workflow: >>

Classification Description: 🔍

Launch Entry Name:

Implementation Task?

Work Reference Information

Reference WO: 1153 >>

Location: >>

Configuration Item: LOW IMPACT DATABASE VIRTUAL M. >> Low Impact Database Virtual Machine

Asset: >>

Configuration Item Name: LOW IMPACT DATABASE VM

Service Group: 🔍

CI Business Impact: 🔍

Service: 🔍

Outage: Offline 🔍

Inspector: >>

Measurement Point:

Figure 6: Work Reference Information in 7.5

Actuals Tab

1. In the section "Task Information", the section column (id="ac_task_m") containing the fields Task and Estimated Duration is moved. This was done to reduce horizontal scrolling.

Tasks for Change 1148 Filter > 1 - 1 of 1

Sequence Task Summary

10

Task Information

Sequence:

Task:

* Estimated Duration:

Figure 7: Task Information Section in 7.2.1

Tasks for Change 1152 Filter > 1 - 1 of 1

Sequence Task Summary

10 Implement the change

Task Information

Sequence:

* Task: Implement the change

* Estimated Duration:

Figure 8: Task Information Section in 7.5

2. Under section "Tasks for Change", section column "Attachments Information" (id="ac_task_j") is removed and the "Attachments" field is moved to the section column "Scheduling Information". This was done to reduce horizontal scrolling.

Work Reference Information

Reference WO:

Status:

Asset:

Location:

Configuration Item:

Configuration Item Name:

Service Group:

Service:

Verification:

Scheduling Information

Target Start:

Target Finish:

Scheduled Start:

Scheduled Finish:

Actual Start:

Actual Finish:

Time Remaining:

Predecessors:

Attachment Information

Attachments

Figure 9: Attachments in 7.2.1














Work Reference Information	Scheduling Information
Reference WO: 1153 >>	Attachments 
Status: WAPPR	Target Start: 6/26/12 12:00:00 
Asset: >> 	Target Finish: 6/26/12 17:00:00 
Location: >> 	Scheduled Start: 6/26/12 12:00:00 
Configuration Item: LOW IMPACT DATABASE VIRTUAL M, >> Low Impact Database Virtual Machine 	Scheduled Finish: 6/26/12 17:00:00 
Configuration Item Name: LOW IMPACT DATABASE VM	Actual Start: 
Service Group: 	Actual Finish: 
Service: 	Time Remaining: <input type="text"/>
Verification: 	Predecessors: <input type="text"/> >>

Figure 10: Attachments in 7.5

Blackout Periods Application

Application ID: pmchgbo

Relevant script file: maximo/tools/maximo/en/change_pmp/V7500_01.mxs

Section Column containing the checkbox “Applies to all CIs?”
(id="maintab_scope_section_checkbox_col") removed to reduce horizontal scrolling.

Blackout Periods

Find: Select Action

List Blackout Period

Blackout Period:

Start Time:

End Time:

Approvers needed to schedule work during Blackout Period

Approver	Approver Group

Scope of Blackout Period

Applies to all CIs?

Configuration Items

CI	Configuration Item Name

Figure 11: Blackout Periods Application in 7.2.1

Blackout Period

* Blackout Period:

* Start Time:

* End Time:

Approvers needed to schedule work during Blackout Period Filter > 🔍 🗑️

Approver	Approver Group
	...No

Scope of Blackout Period

Select the *Applies to all CIs* checkbox to apply this blackout period for all the CIs. To apply thi

Applies to all CIs?

Configuration Items Filter > 🔍 🗑️ 📶 📴 📶 📴 0 - 0 of 0

<input type="checkbox"/>	CI	Configuration Item Name
		...No

Figure 12: Blackout Period Application in 7.5

Create Service Request Application

Application ID: createsr

Relevant script file: maximo/tools/maximo/en/srvreq_pmp/V7500_02.mxs

1. Removed section column containing the field “Affected Configuration Item” (id=“main_grid23_1_1_grid121”) under section “Affected Asset Details” to reduce horizontal scrolling.

The screenshot shows the 'Create Service Request' form in version 7.2.1. The 'Affected Asset Details' section is highlighted with a red box. It contains the following fields:

- Affected Asset: [Text Field] >> [Dropdown Menu]
- Affected Asset Location: [Text Field] >> [Dropdown Menu]
- Affected Configuration Item: [Text Field] >> [Dropdown Menu]

Figure 13: Section Affected Asset Details in 7.2.1

The screenshot shows the 'Create Service Request' form in version 7.5. The 'Affected Asset Details' section is highlighted with a red box. It contains the following fields:

- Affected Asset: [Text Field] >> [Dropdown Menu]
- Affected Asset Location: [Text Field] >> [Dropdown Menu]
- Affected Configuration Item: [Text Field] >> [Dropdown Menu]

Figure 14: Section Affected Asset Details in 7.5

2. Removed section column (id="main_grid3_1_1_grid3") containing sections "Request Category" and "Attachments" to reduce horizontal scrolling.

The screenshot shows a web form with three main sections. The 'Request Description' section on the left contains a 'Summary' text box and a larger 'Details' text area. The 'Request Category' section on the right contains 'Classification' and 'Class Description' text boxes with dropdown arrows. Below it is an 'Attachments' section with a table header 'Document' and 'Description', and a row with the text '...No rows to display...'. At the bottom, there is an 'Attributes' section with a table header 'Attribute', 'Description', 'Alphanumeric Value', and 'Numeric Value Table Value', also showing '...No rows to display...'. A red box highlights the 'Request Category' and 'Attachments' sections.

Figure 15: Request Category and Attachments in 7.2.1

The screenshot shows the same web form as Figure 15, but with a different layout. The 'Request Description' section now includes a rich text editor toolbar with icons for undo, redo, bold, italic, underline, strikethrough, bulleted list, numbered list, indent, outdent, link, unlink, image, and text color. The 'Request Category' section is now located at the bottom left, containing 'Classification' and 'Class Description' text boxes. The 'Attachments' section is at the bottom right, showing a table with 'Document' and 'Description' headers and the text '...No rows to display...'. A red box highlights the 'Request Category' and 'Attachments' sections.

Figure 16: Request Category and Attachments in 7.5

Activities and Tasks Application

Application ID: activity

Relevant script file: maximo/tools/maximo/en/tloam/V7500_03.mxs

Plans tab

Removed section column (id="task_j") containing "Verification" field in the details of the table "Tasks for Activity" to reduce horizontal scrolling.

The screenshot shows the 'Plans' tab for activity 1156. The interface includes a navigation bar with tabs for List, Activities and Tasks, Plans, Actuals, Related Records, Workplan Map, and Log. The main content area is divided into several sections:

- Activity Details:** Activity: 1156, do something. Supervisor, Status: WAPPR, Job Plan, Lead, Site: PMSCRTP, Person Group.
- Tasks for Activity 1156:** A table with columns: Sequence, Task, Summary, Estimated Duration, Route, Route Stop, Status, Owner, Owner Group. The first row shows Sequence 10, Task 10, Summary, Estimated Duration 1.00, Route, Route Stop, Status WAPPR, Owner, Owner Group.
- Task Information:** Fields for Task (10), Sequence, Status (WAPPR), Classification, Classification Description, Under Flow Control?, Flow Action, Flow Action Assist?, Assisted Workflow, Launch Entry Name, Attachments, Inherit Status Changes?, Accepts Charges?, Implementation Task?, Owner, Owner Group.
- Work Reference Information:** Fields for Activity (1156), Location, Asset, Service Group, Service, and a red-bordered **Verification** field.

Figure 17: Plans tab in 7.2.1

The screenshot shows the 'Plans' tab for activity 1096. The interface is similar to Figure 17 but for activity 1096. The 'Verification' field in the 'Work Reference Information' section is circled in red.

The screenshot shows the 'Plans' tab for activity 1096. The interface includes a navigation bar with tabs for List, Activities and Tasks, Plans, Actuals, Related Records, Workplan Map, and Log. The main content area is divided into several sections:

- Activity Details:** Activity: 1096, do something. Supervisor, Status: WAPPR, Job Plan, Lead, Site: PMSCRTP, Person Group.
- Tasks for Activity 1096:** A table with columns: Sequence, Task, Summary, Estimated Duration, Route, Route Stop, Status, Owner, Owner Group. The first row shows Sequence 10, Task 10, Summary, Estimated Duration 0.00, Route, Route Stop, Status WAPPR, Owner, Owner Group.
- Task Information:** Fields for Task (10), Sequence, Status (WAPPR), Classification, Classification Description, Under Flow Control?, Flow Action, Flow Action Assist?, Assisted Workflow, Launch Entry Name, Attachments, Inherit Status Changes?, Accepts Charges?, Implementation Task?, Owner, Owner Group.
- Work Reference Information:** Fields for Activity (1096), Location, Asset, Service Group, Service, and a red-circled **Verification** field.

Figure 18: Plans tab in 7.5

Actuals Tab

Removed section column (id="ac_task_j") containing "Verification" field in the details of the table "Tasks for Activity" to reduce horizontal scrolling.

Activities and Tasks

Find: [] Select Action []

List Activities and Tasks Plans Actuals Related Records Workplan Map Log

Activity: 1156 do something Supervisor: [] Status: WAPPR
Lead: [] Site: PMSCRTP
Person Group: []

Tasks for Activity 1156 Filter [] 1 - 1 of 1

Sequence	Task	Summary	Estimated Duration	Route	Route Stop	Status
10	10		1.00			WAPPR

Task Information

Task: 10 Under Flow Control? Attachments []
Sequence: [] Flow Action: [] Inherit Status Changes?
Status: WAPPR Flow Action Assist? Accepts Charges?
Assisted Workflow: [] Implementation Task?
Launch Entry Name: []

Work Reference Information

Activity: 1156 Service Group: [] Verification: []
Location: [] Service: []
Asset: []

Figure 19: Actuals tab in 7.2.1

Activities and Tasks - Mozilla Firefox

File Edit View History Bookmarks Tools Help

localhost:7001/maximo/ui?event=loadapp&value=activity&sessionid=1&csrfToken=1ubp9firbvrmp1vom20bar01

Person Group: []

Tasks for Activity 1096 Filter [] 1 - 1 of 1

Sequence	Task	Summary	Estimated Duration	Route	Route Stop	Status
10	10		0.00			WAPPR

Task Information

Task: [] Under Flow Control? Attachments []
Sequence: [] Flow Action: [] Inherit Status Changes?
Status: WAPPR Flow Action Assist? Accepts Charges?
Launch Entry Name: []

Work Reference Information

Activity: 11074 Service Group: []
Location: [] Service: []
Asset: []
Configuration Item: []

Verification: []

Scheduling Information

Target Start: [] Actual Start: []

Figure 20: Actuals tab in 7.5

Software Contracts Application

Application id: contsfw

Relevant script file: maximo/tools/maximo/en/tloam/V7500_03.mxs

Removed section "Updates & Maintenance" (id="copy3_copy_main_grid4") from the Properties tab. This section is not added back in 7.5.

The screenshot displays the 'Software Contracts' application interface. At the top, there is a navigation bar with tabs for 'List', 'Contract', 'Properties', 'Contract Line Items', 'Associated Licenses', 'Associated Assets and People', and 'Terms and Conditions'. Below the navigation bar, there are several input fields for contract details: 'Contract', 'Revision', 'Contract Type', 'Status', 'Licensed', and 'Total Cost'. The main content area is divided into three sections: 'General', 'Terms & Conditions', and 'Updates & Maintenance'. The 'Updates & Maintenance' section is highlighted with a red border and contains the following fields: 'Maintenance?' (checkbox), 'Maintenance Fee:' (text), 'Enhancements?' (checkbox), 'Fixes?' (checkbox), 'New Release?' (checkbox), 'New Versions?' (checkbox), 'Updates?' (checkbox), 'Additional Server Cost:' (text), 'Additional Site Cost:' (text), 'Cap (%):' (text), 'Cancellation Notice:' (text), 'Reinstatement Date:' (text), and 'End Date:' (text).

Figure 21: Updates & Maintenance in 7.2.1

Licenses Application

Application id: tloamlic

Relevant script file: maximo/tools/maximo/en/tloam/V7500_03.mxs

1. Removed and replaced section row (id="intselectmoreassets_grid2_1") containing search attributes in the "Select Computer Assets" dialog. Additional search attributes are introduced.

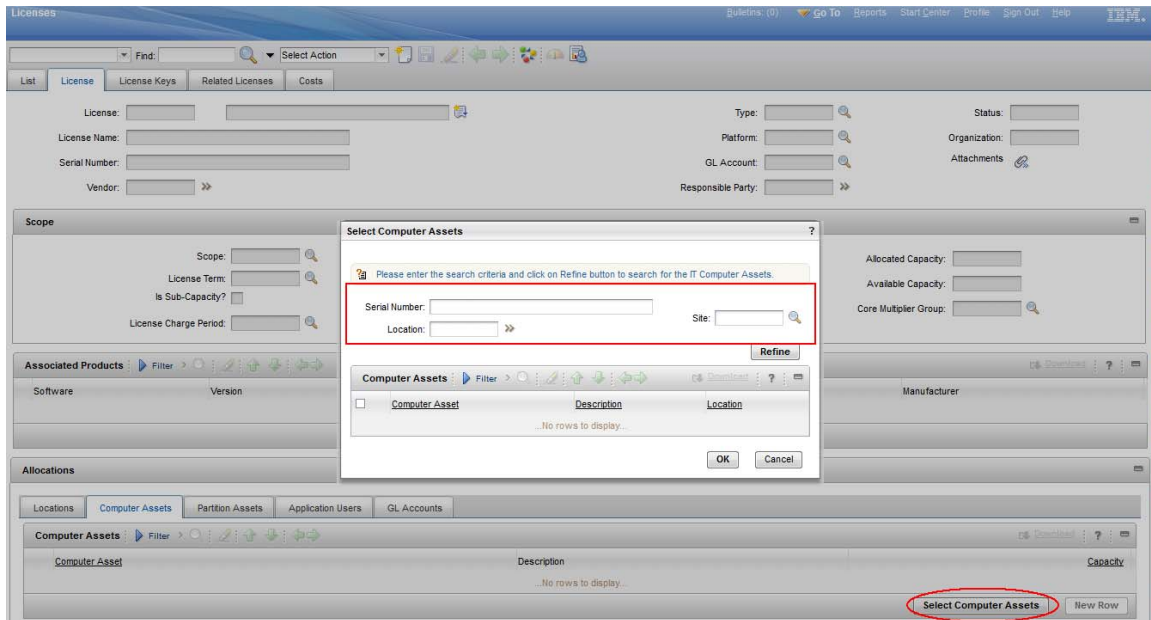


Figure 22: Select Computer Assets Dialog in 7.2.1

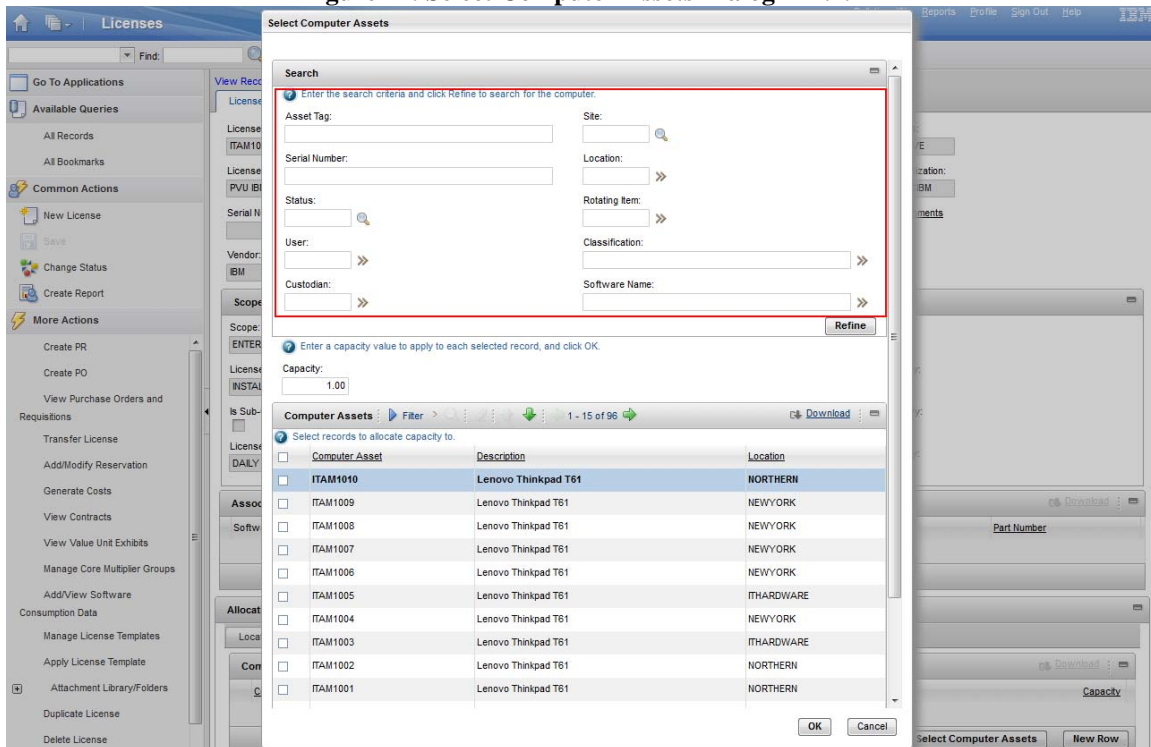


Figure 23: Select Computer Assets Dialog in 7.5

- Removed and replaced section row (id="intselectmorelpar_grid2_1") containing search attributes in the "Select Partition Assets" dialog. Additional search attributes are introduced.

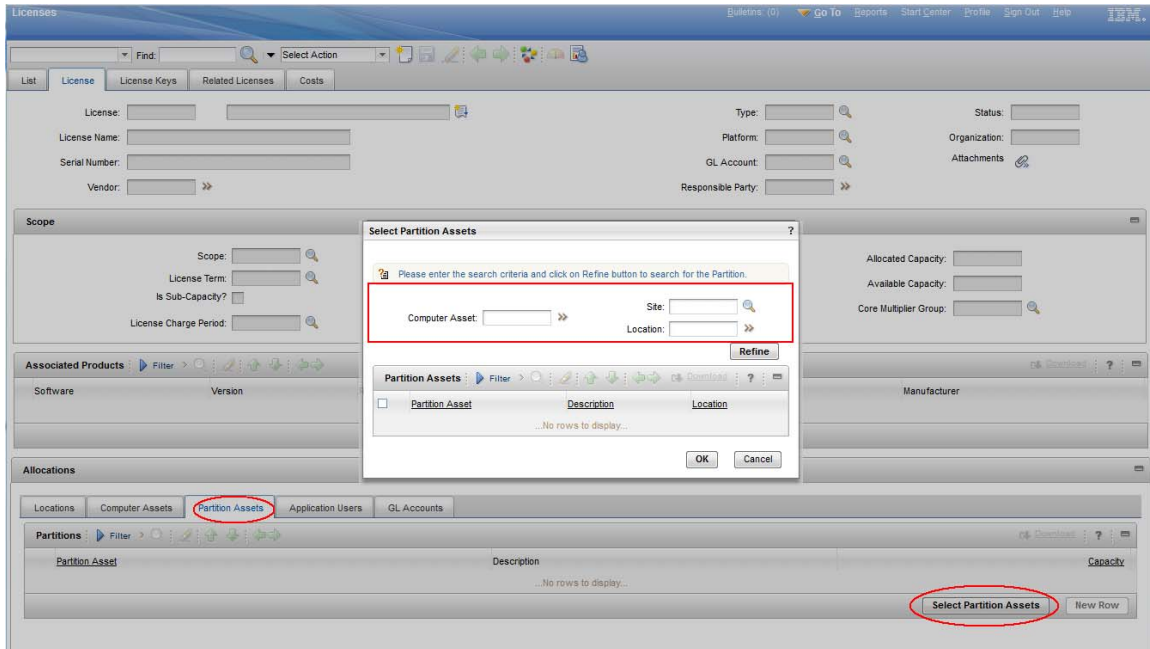


Figure 24: Select Partition Assets Dialog in 7.2.1

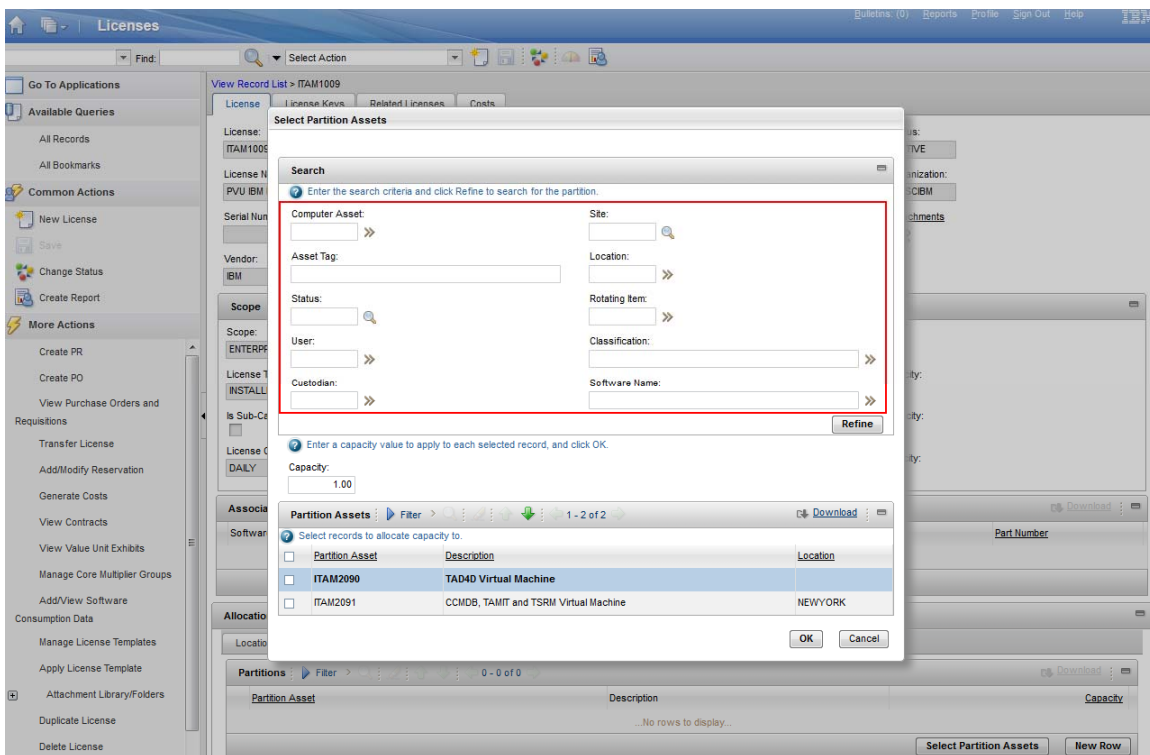


Figure 25: Select Partition Assets Dialog in 7.5

Library Application (affecting Work Order Tracking, Activities and Tasks Applications)

Application ID: library

Relevant script file: maximo/tools/maximo/en/tloam/V7500_95.mxs

Removed table (id="massmove_planmassmovetable") affects the "Assets" table in the "Select Action → Move/Swap/Modify" dialog for both the Work Order Tracking and Activities and Tasks applications.

The screenshot shows the 'Move/Swap/Modify' dialog box in the Work Order Tracking application. The dialog is titled 'Move/Swap/Modify' and has tabs for 'Move/Swap', 'Modify', and 'Users and Custodians'. The 'Move/Swap' tab is active. The dialog contains a table with columns 'Asset', 'Parent', 'Location', 'Bin', 'Move To Parent', 'Move To Location', and 'Move To Bin'. Below the table is a 'Details' section with input fields for 'Asset', 'Parent', 'Location', 'Bin', 'New Asset Number', 'Move To Site', 'Move To Parent', 'Move To Location', and 'Move To Bin'. The 'Asset' field is highlighted with a red box. The dialog also includes a 'Mass Move' section at the bottom with an 'Apply' button.

Figure 26: Move/Swap Dialog in 7.2.1

The screenshot shows the 'Move/Swap/Modify' dialog box in the Work Order Tracking application, version 7.5. The dialog is titled 'Move/Swap/Modify' and has tabs for 'Move/Swap', 'Modify', 'Users and Custodians', and 'Change Status'. The 'Move/Swap' tab is active. The dialog contains a table with columns 'Asset', 'Parent', 'Location', 'Bin', 'Move To Parent', 'Move To Location', and 'Move To Bin'. Below the table is a 'Details' section with input fields for 'Asset', 'Parent', 'Location', 'Bin', 'New Asset Number', 'Move To Site', 'Move To Parent', 'Move To Location', and 'Move To Bin'. The 'Asset' field is highlighted with a red box. The dialog also includes a 'Mass Move' section at the bottom with an 'Apply' button.

Figure 27: Move/Swap Dialog in 7.5

Configuration Items Application

Tab Updates

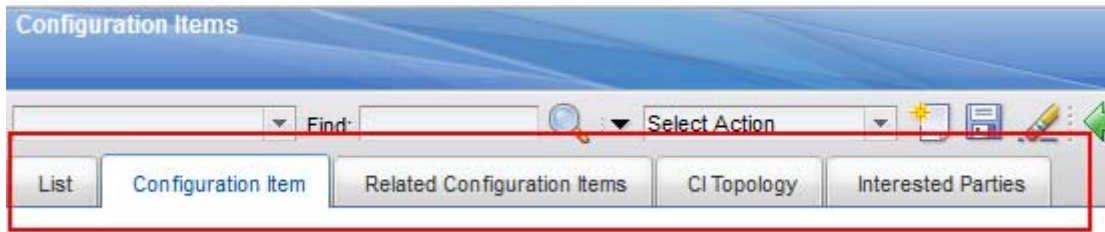


Figure 28: CI Application Tabs in 7.2.1

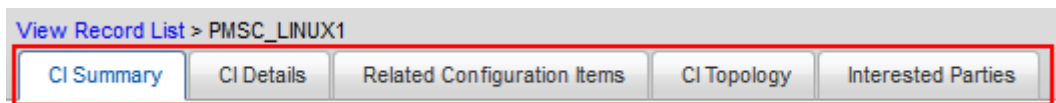


Figure 29: CI Application Tabs in 7.5

New Tab – CI Summary

The screenshot shows the 'CI Summary' view for the configuration item 'PMSC_LINUX1'. The breadcrumb is 'View Record List > PMSC_LINUX1'. The 'CI Summary' tab is highlighted in blue and enclosed in a red box. The form contains the following fields and values:

- Configuration Item Name: PMSC_LINUX1
- Classification: PMSC_C
- Configuration Item Number: PMSC_LINUX1
- Associated Asset: (empty field)
- Status: NOT READY
- Physical Location: (empty field)
- Site: (empty field)
- Organization: (empty field)
- CI Owner: (empty field)
- Owner Group: (empty field)

The 'Linux Operating System' value is visible in a secondary field next to the Configuration Item Name.

Configuration Item Tab

The Configuration Item tab is renamed as “CI Details” tab, and reorganized to reduce horizontal scrolling.

Configuration Item Number: PMSC_LINUX1

Configuration Item Name: Linux Operating System

Classification: PMSC_C

Class Description: Composite Services

Top Level?

Asset: >>

Status: NOT READY

CI Location: >>

Site: >>

Organization: >>

Item Set: >>

Location: >>

Item: >>

Service: >>

Service Group: >>

Actual Configuration Item Number: >>

Actual Configuration Item Name: >>

Attachments

Calendar: >>

Shift: >>

Change Window Calendar: >>

CI Owner: >>

Owner Group: >>

Business Impact: >>

Change Number: >>

Figure 30: Configuration Item tab in 7.2.1

View Record List > PMSC_LINUX1

CI Summary | CI Details | Related Configuration Items | CI Topology | Interested Parties

Configuration Item Number: PMSC_LINUX1

Configuration Item Name: Linux Operating System

Classification: PMSC_C

Class Description: Composite Services

Top Level?

Associated Asset: >>

Associated Service: >>

Service Group: >>

Actual Configuration Item Number: >>

Actual Configuration Item Name: >>

Attachments

Status: NOT READY

Physical Location: >>

Site: >>

Organization: >>

Calendar: >>

Shift: >>

Change Window Calendar: >>

CI Owner: >>

Owner Group: >>

Business Impact: >>

Change Number: >>

Figure 31: CI Details in 7.5