

Get Your Hands on Cross- Application Lifecycle Management Reporting

Exercise 1: Focused Insights

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THE BEST RUN



Hands-on exercise on Focused Insights and SAP Analytics Cloud to Aggregate all your ALM data into powerful reports and dashboards.

In this hands-on session learn how to build the new generation of analytics that the application management for the intelligent enterprise demands.

OVERVIEW

In this session, you will create a dashboard Focused Insights OCC, with multiple queries, then you will reuse the OCC defined queries to generate a dashboard in the SAP Analytics Cloud Platform.

Exercise 1

In this exercise, you will have to create an OCC dashboard, and display the information of CPU and Memory utilization for 3 systems A4H/S4H/J2E located in 3 different locations.

The goals are to create 4 gadgets:

- 1- Display the content of the table ZMAP_COORDINATES_LOCAL
 - 2- Display the daily CPU Average Utilization for 3 system in 3 locations + Display the Memory for the same (line display)
 - 3- Display the daily CPU Average Utilization for 3 system in 3 locations in a table group by CPY and with Trend display
 - 4- Display the daily MEMORY Average Utilization for 3 system in 3 locations in a table group by CPY and with Trend display
- 5- Utilization of
1. OCC
 2. Dynamic Table
 3. Timeline / Trend Table Render
 4. Time Selection

CORRECTIONS

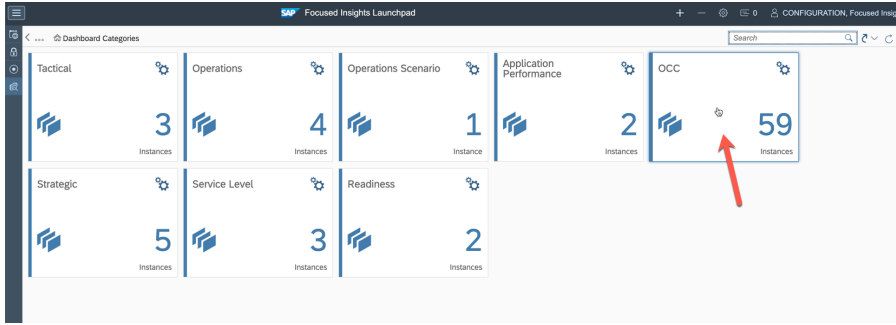
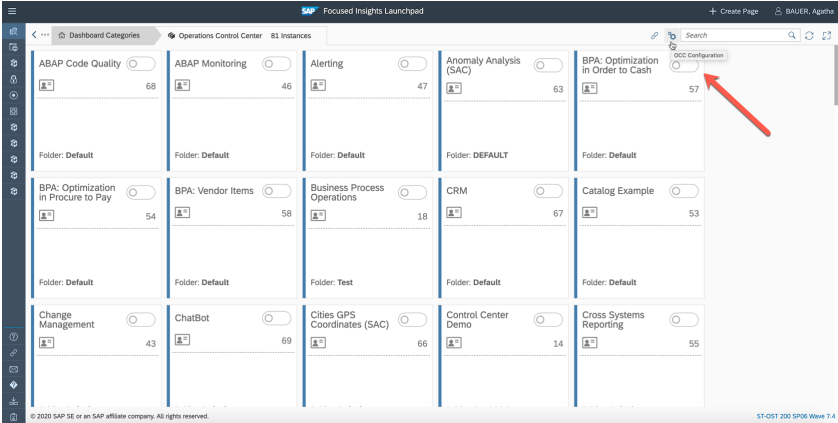
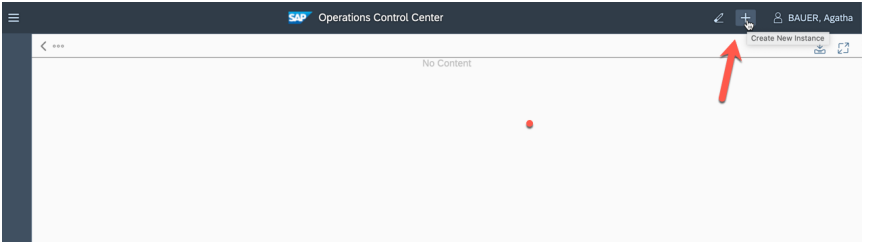
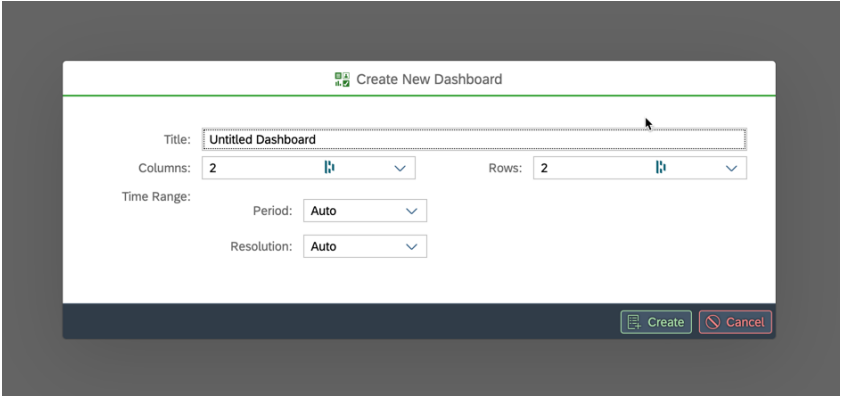
Exercise 1

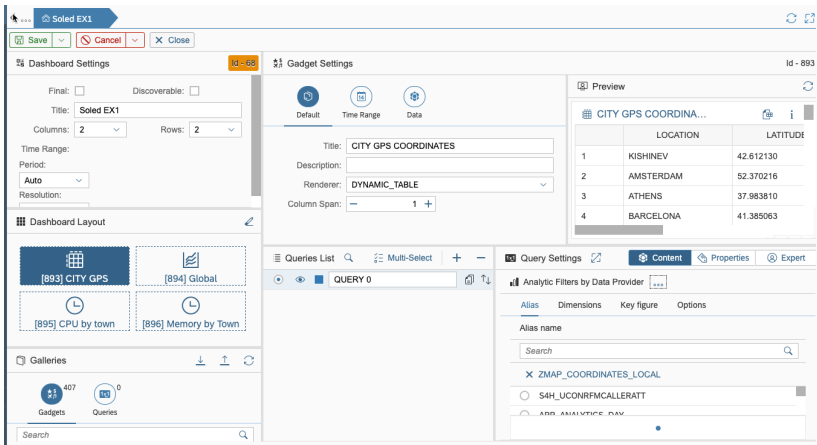
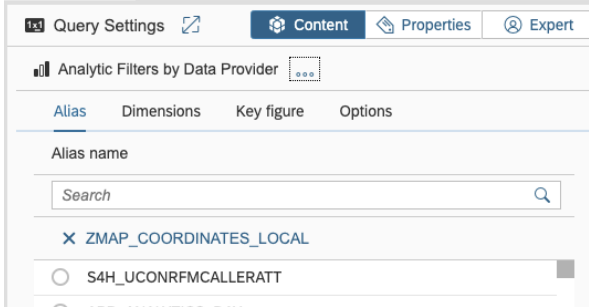
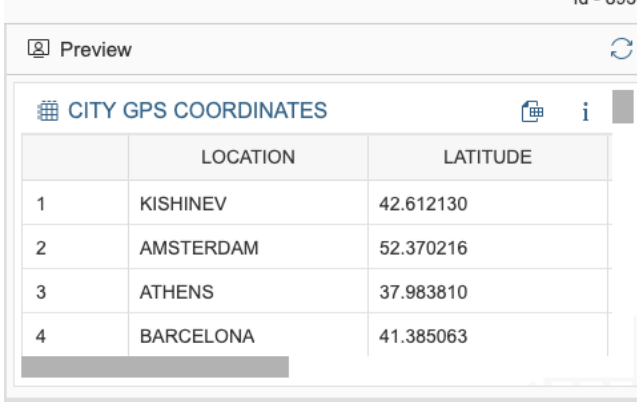
Connect to Focused Insights

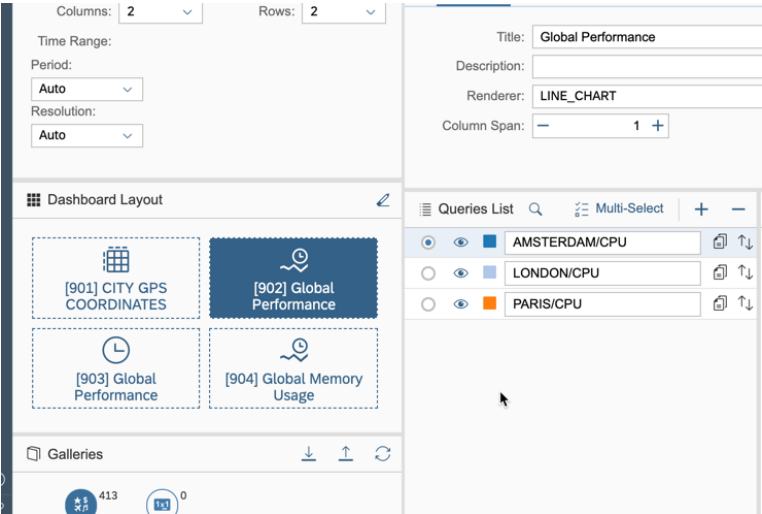
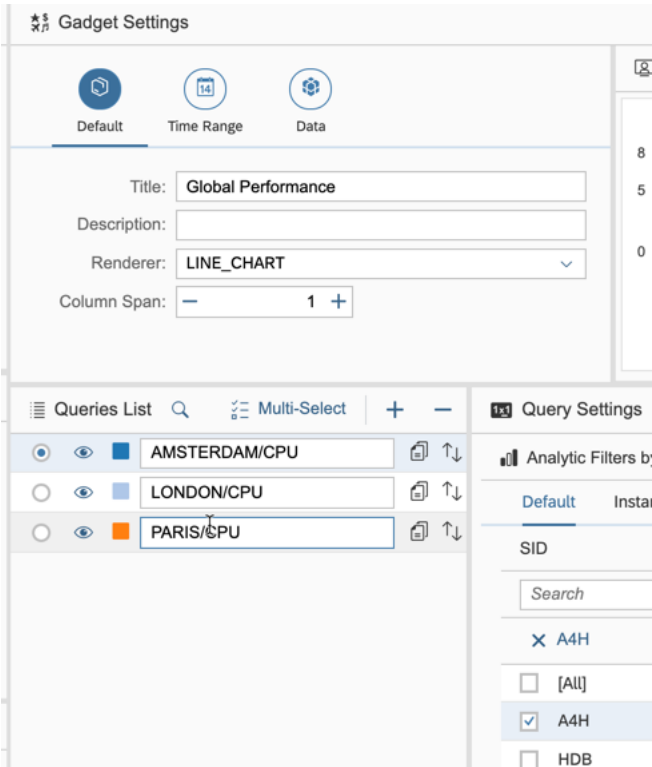
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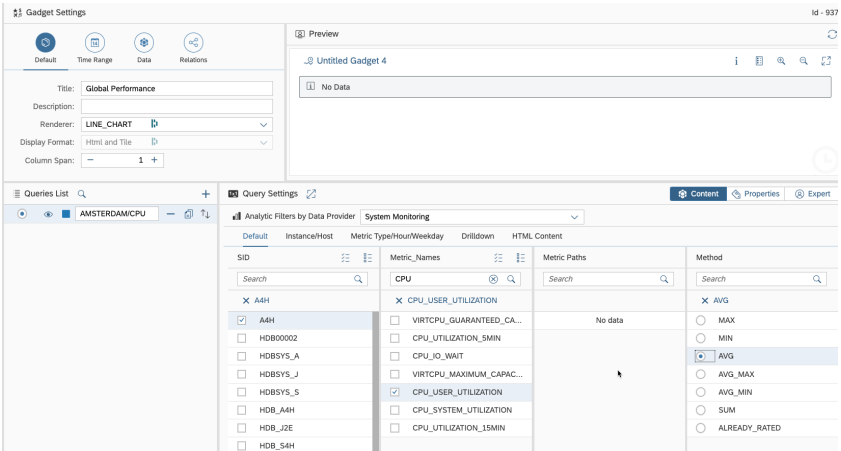
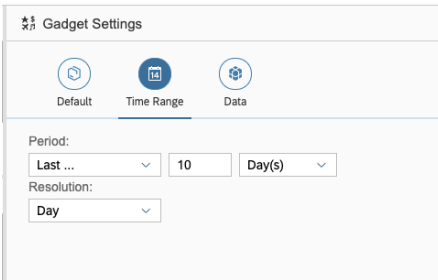
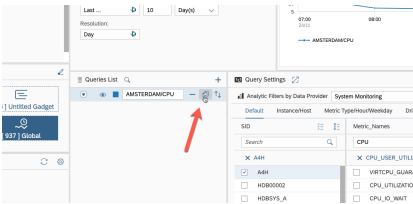
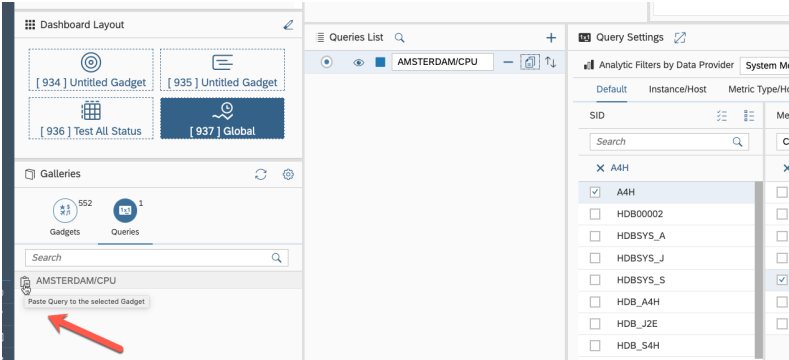
Logon with: User will be provided during the session.

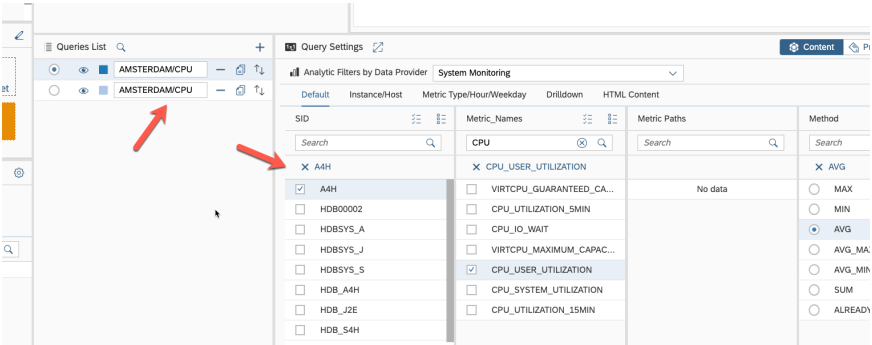
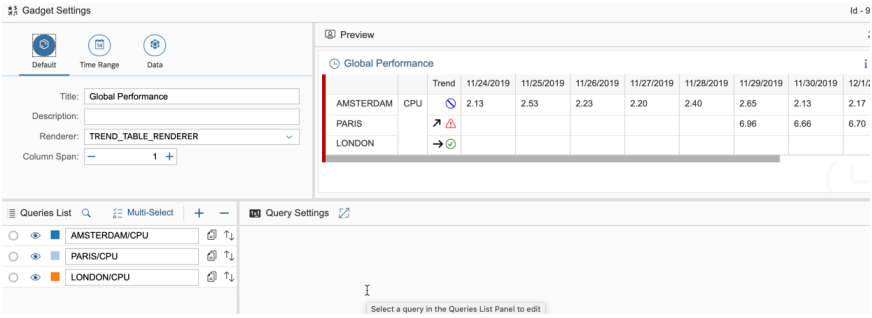
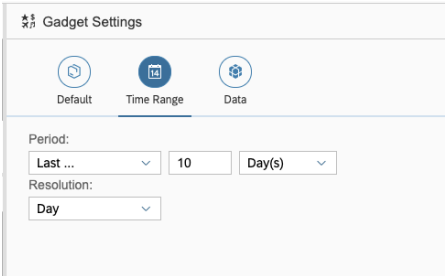
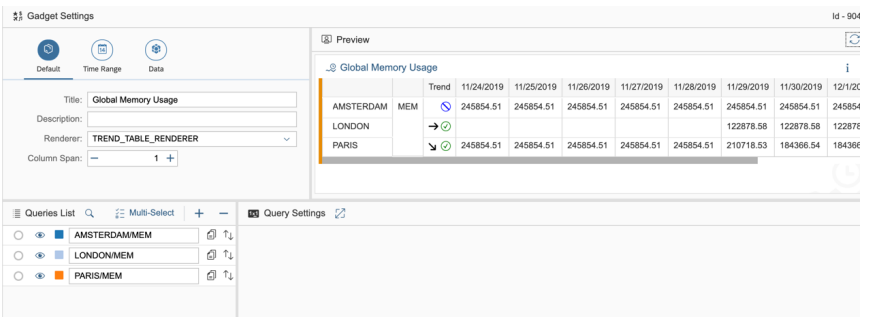
Application Lifecycle Management Reporting

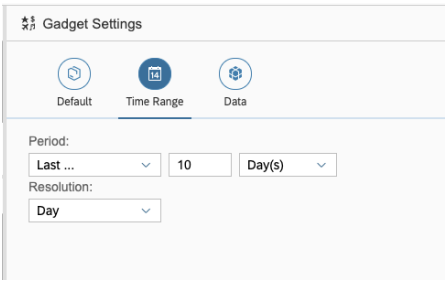
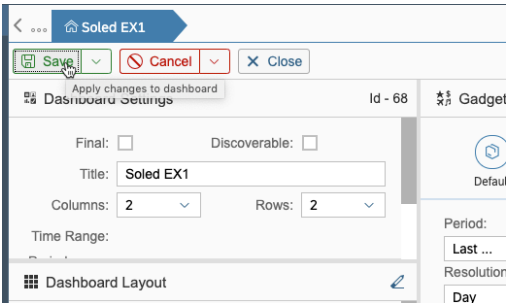
Explanation	Screenshot
1. From the Launchpad, go to OCC Dashboards page	 <p>The screenshot shows the SAP Focused Insights Launchpad. The top navigation bar includes 'Dashboard Categories' and a search bar. The main area displays a grid of dashboard tiles. The 'OCC' tile is highlighted with a red arrow and shows '59 Instances'.</p>
2. Go to the OCC setup	 <p>The screenshot shows the SAP Focused Insights Launchpad with the 'Operations Control Center' selected. The main area displays a grid of dashboard tiles. The 'OCC Configuration' link is highlighted with a red arrow.</p>
3. Create a new OCC Dashboard	 <p>The screenshot shows the SAP Operations Control Center. The top navigation bar includes 'Create Page' and 'BAUER, Agatha'. The main area displays a 'No Content' message. A red arrow points to the 'Create New Instance' button in the top right corner.</p>
4. Create a dashboard with 2 Column and 2 Line, names it TechEd Ex{YOUR NUMBER} (example TechEd Ex1)	 <p>The screenshot shows the 'Create New Dashboard' dialog box. The title is 'Untitled Dashboard'. The 'Columns' field is set to 2 and the 'Rows' field is set to 2. The 'Time Range' is set to 'Auto' and the 'Resolution' is set to 'Auto'. A red arrow points to the 'Create' button.</p>

Explanation	Screenshot															
<div>5. Create a gadget with name CITY GPS COORDINATES EX1</div> <div>6. Choose Render Dynamic Table</div> <div>7. Create a query, by clicking on the “+” button (queries list).</div> <div>8. Choose Data Provider DP_TABLE</div>	 <p>The screenshot shows the 'Gadget Settings' window for a gadget named 'CITY GPS COORDINATES EX1'. The 'Renderer' is set to 'DYNAMIC_TABLE'. A preview of the table is visible on the right side of the window.</p> <table><tr><th></th><th>LOCATION</th><th>LATITUDE</th></tr><tr><td>1</td><td>KISHINEV</td><td>42.612130</td></tr><tr><td>2</td><td>AMSTERDAM</td><td>52.370216</td></tr><tr><td>3</td><td>ATHENS</td><td>37.983810</td></tr><tr><td>4</td><td>BARCELONA</td><td>41.385063</td></tr></table>		LOCATION	LATITUDE	1	KISHINEV	42.612130	2	AMSTERDAM	52.370216	3	ATHENS	37.983810	4	BARCELONA	41.385063
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<div>9. Choose → <i>TABLE</i> ZMAP_COORDINATES_LOCAL as source</div>	 <p>The screenshot shows the 'Query Settings' window with the 'Alias' tab selected. The 'Alias name' field is set to 'ZMAP_COORDINATES_LOCAL'.</p>															
<div>10. Press Refresh on the Preview to display the table content</div>	 <p>The screenshot shows the 'Preview' window for the gadget 'CITY GPS COORDINATES'. The table content is displayed as follows:</p> <table><tr><th></th><th>LOCATION</th><th>LATITUDE</th></tr><tr><td>1</td><td>KISHINEV</td><td>42.612130</td></tr><tr><td>2</td><td>AMSTERDAM</td><td>52.370216</td></tr><tr><td>3</td><td>ATHENS</td><td>37.983810</td></tr><tr><td>4</td><td>BARCELONA</td><td>41.385063</td></tr></table>		LOCATION	LATITUDE	1	KISHINEV	42.612130	2	AMSTERDAM	52.370216	3	ATHENS	37.983810	4	BARCELONA	41.385063
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<div>11. Switch to the second gadget to start editing it</div>																

Explanation	Screenshot
12. Name it: Global Performance	
13. Select “Line Chart” as render and create 3 Queries named: AMSTERDAM/CPU PARIS/CPU LONDON/CPU Warning: To not put “ ” (spaces) in the strings.	

Explanation	Screenshot
<p>14. For each query created, select "System Monitoring" as Data Provider</p> <p>Select SID (Amsterdam = A4H, PARIS= S4H, LONDON=J2E) Select Metric_Name : CPU_USER_UTILIZATION Select Method : AVG</p>	
<p>15. In the Gadget Settings parameters, select Time Range Period = LAST 10 DAYS Resolution = DAY</p> <p>Press Refresh on the Preview to display the result.</p>	
<p>16. For this gadget, we will use the previously created query and use the copy function to create the 2 additional ones, Press the copy button</p>	
<p>17. Copy back the query to the gadget, it will create a new query line, please select it.</p>	

Explanation	Screenshot
<p>18. Adapt the name and the color to the needs and unselect and select the correct SID. PARIS= S4H, LONDON=J2E</p>	
<p>19. Create a third gadget. Named it CPU by Town and copy the previously created gadget Change the render to "TREND_TABLE_RENDERER" Press Refresh on the Preview to display the result.</p>	
<p>20. Select Time Range Period = LAST 10 DAYS Resolution = DAY Press Refresh on the Preview to display the result.</p>	
<p>21. Create the fourth gadget, named it "MEM by town": Query: AMSTERDAM/MEM: <ul style="list-style-type: none"> ○ A4H ○ MEMORY_TOTAL_KB ○ AVG LONDON/MEM <ul style="list-style-type: none"> ○ S4H ○ MEMORY_TOTAL_KB ○ AVG PARIS/MEM, <ul style="list-style-type: none"> ○ J2E ○ MEMORY_TOTAL_KB ○ AVG </p>	

Explanation	Screenshot
<p>22. Select Time Range Period = LAST 10 DAYS Resolution = DAY</p> <p>Press Refresh on the Preview to display the result.</p>	
<p>23. Select, “Make It Discoverable” then Save and Close the Editor</p>	
<p>24. See the Result, you created your first OCC Dashboard.</p>	