# Get Your Hands on Cross- Application Lifecycle Management Reporting

Exercise 1: Focused Insights

# TABLE OF CONTENTS



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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

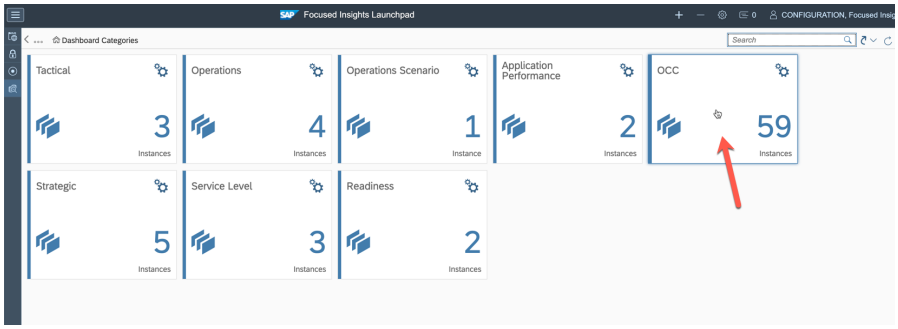
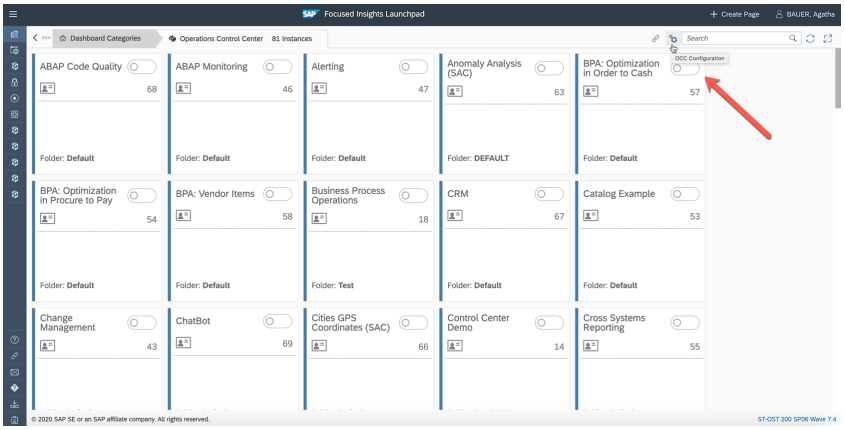
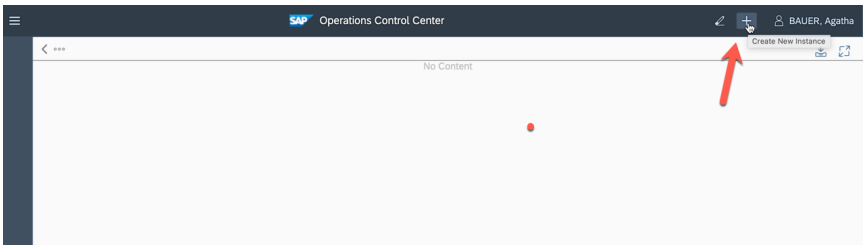
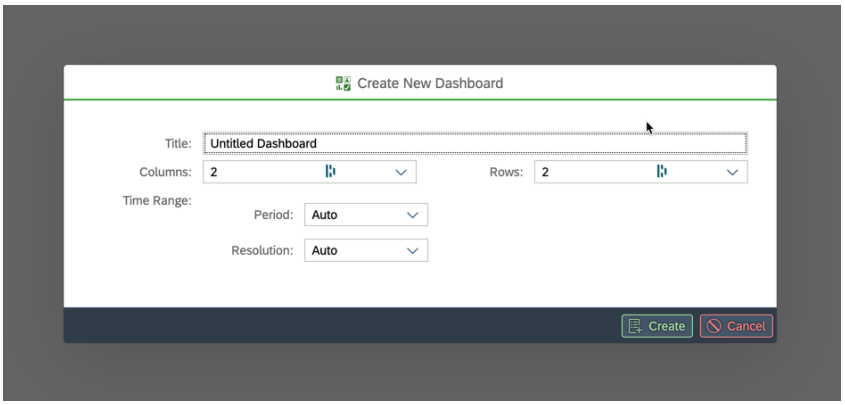
**CORRECTIONS**

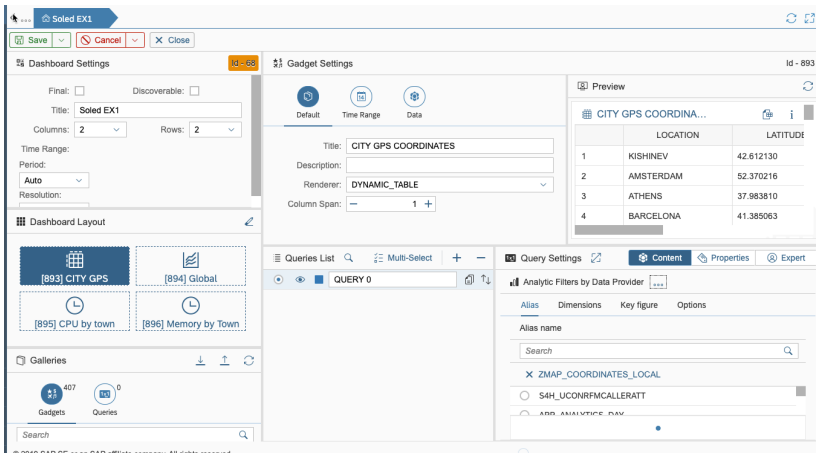
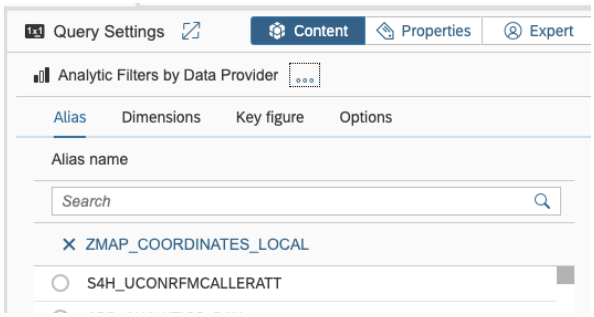
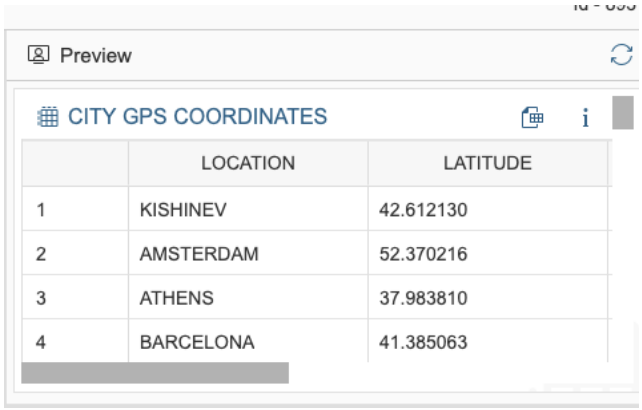
**Exercise 1**

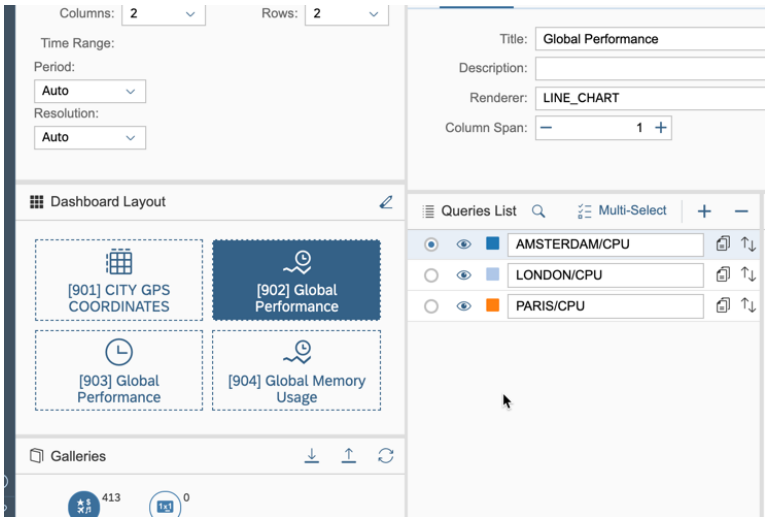
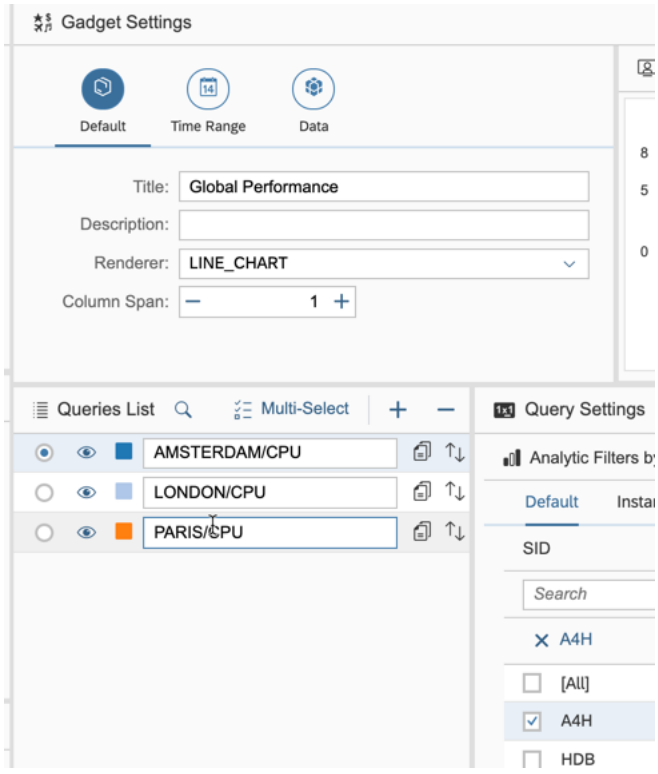
Connect to Focused Insights

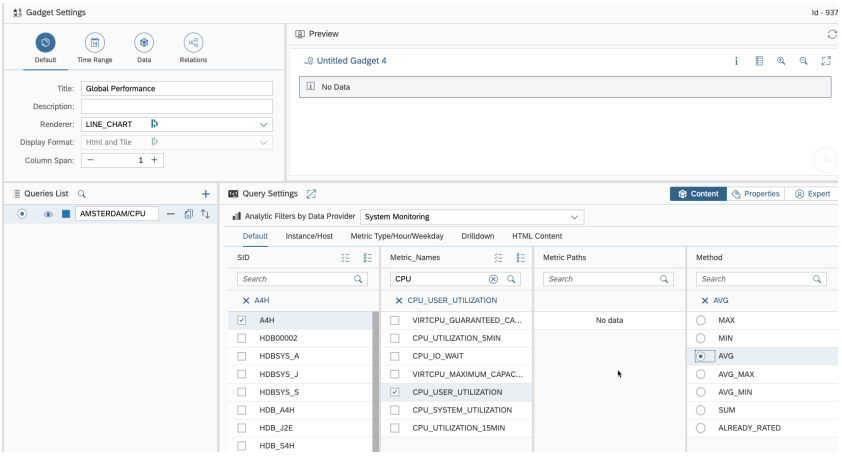
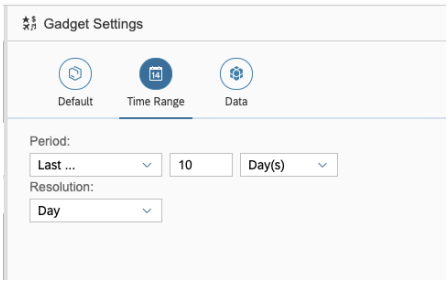
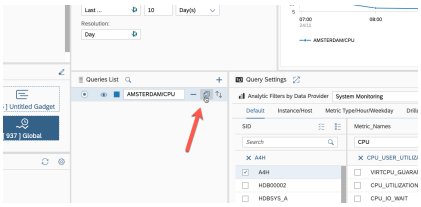
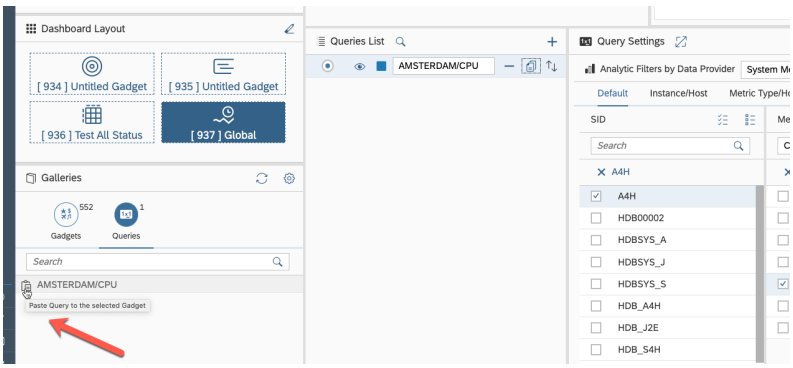
https://teched-a4h.ddnss.org:44310/sap/bc/ui2/flp?sap-client=001&sap-language=EN%23Shell-home

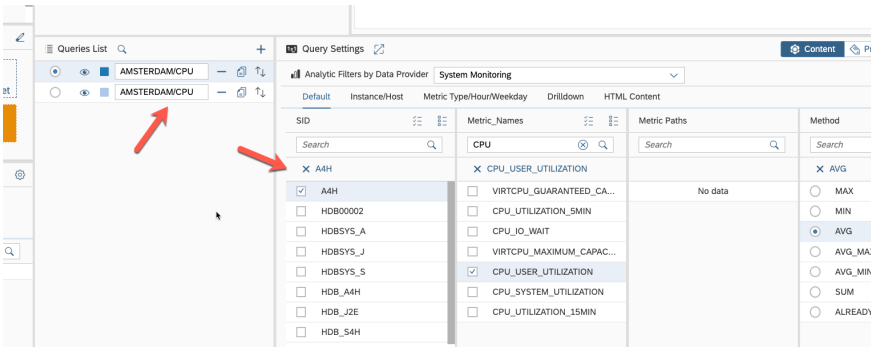
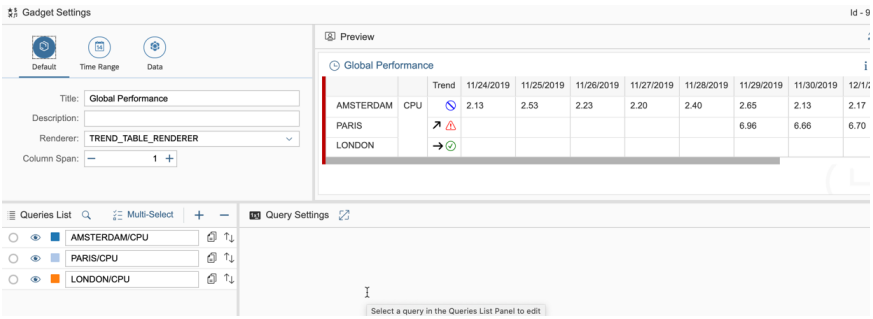
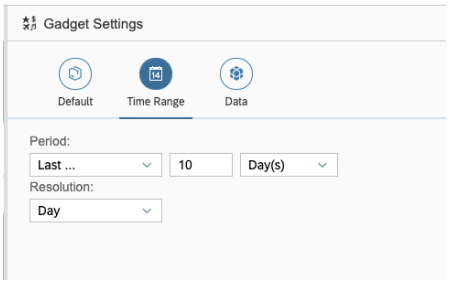
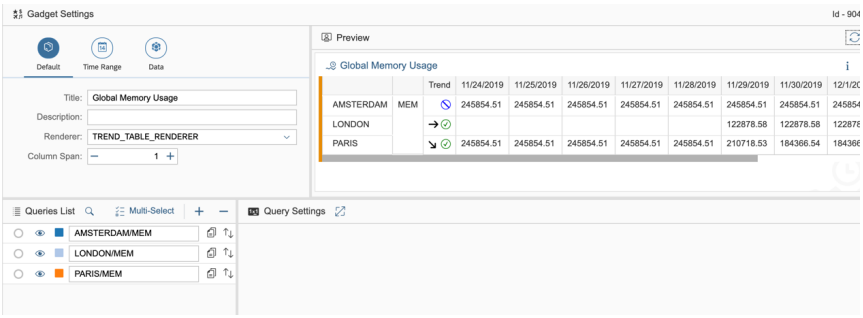
Logon with: User will be provided during the session.

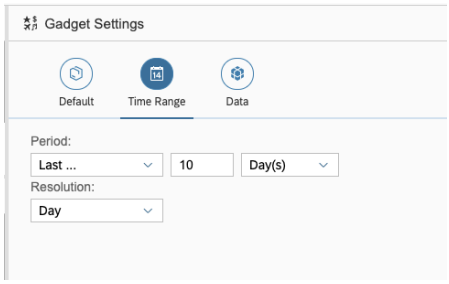
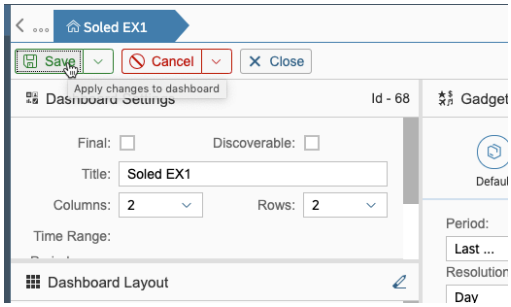
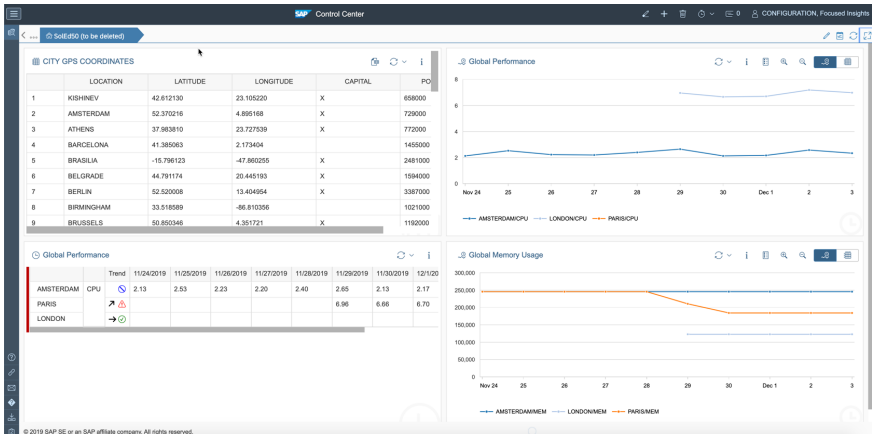
| Explanation | Screenshot |
|---|---|
| 1. From the Launchpad, go to OCC Dashboards page |   |
| 2. Go to the OCC setup |   |
| 3. Create a new OCC Dashboard |   |
| 4. Create a dashboard with 2 Column and 2 Line, names it **TechEd Ex{YOUR NUMBER}** (example TechEd Ex1) |   |

| Explanation | Screenshot |
|---|---|
| 5. Create a gadget with name CITY GPS COORDINATES EX1<br>6. Choose Render Dynamic Table<br>7. Create a query, by clicking on the “+” button (queries list).<br>8. Choose Data Provider DP_TABLE |  |
| 9. Choose → *TABLE* ZMAP_COORDINATES_LOCAL as source |  |
| 10. Press Refresh on the Preview to display the table content |  |
| 11. Switch to the second gadget to start editing it | |

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

| Explanation | Screenshot |
|---|---|
| 14. For each query created, select “System Monitoring” as Data Provider<br><br>Select SID (Amsterdam = A4H, PARIS= S4H, LONDON=J2E<br>Select Metric_Name : CPU_USER_UTILIZATION<br>Select Method : AVG |  |
| 15. In the Gadget Settings parameters, select Time Range<br>Period = LAST 10 DAYS<br>Resolution = DAY<br><br>Press Refresh on the Preview to display the result. |  |
| 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 |  |
| 17. Copy back the query to the gadget, it will create a new query line, please select it. |  |

| Explanation | Screenshot |
|---|---|
| 18. Adapt the name and the color to the needs and unselect and select the correct SID.<br>PARIS= S4H, LONDON=J2E |  |
| 19. Create a third gadget. Named it CPU by Town and copy the previously created gadget Change the render to "TREND_TABLE_RENDERER"<br><br>Press Refresh on the Preview to display the result. |  |
| 20. Select Time Range<br>Period = LAST 10 DAYS<br>Resolution = DAY<br><br>Press Refresh on the Preview to display the result. |  |
| 21. Create the fourth gadget, named it "MEM by town":<br><br>Query:<br>AMSTERDAM/MEM:<br>o A4H<br>o MEMORY_TOTAL _KB<br>o AVG<br>LONDON/MEM<br>o S4H<br>o MEMORY_TOTAL _KB<br>o AVG<br>PARIS/MEM,<br>o J2E<br>o MEMORY_TOTAL _KB<br>o AVG |  |

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