ARISTA

CloudVision Mastery Workshop
CloudVision Dashboards
Lab Guide 4

DASHBOARDS

CloudVision allows you to create customizable dashboards consisting of multiple metrics across various datasets in different views. You can quickly resize and drag widgets on the grid to accommodate various custom layouts views. Data is gathered from the real-time telemetry data that the Arista switches are streaming to CVP.

Creating custom dashboards

In this lab we will be creating a custom dashboard that will be used as an overall network status page that can be used in a NOC as a visual representation for the overall state of the network.
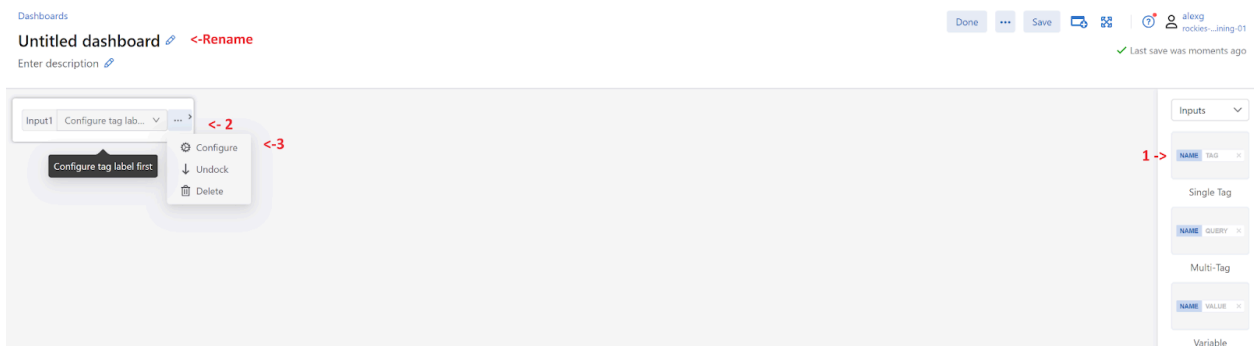
1. Navigate to the Dashboards section of Cloudvision, and click on the **"New Dashboard"** button.
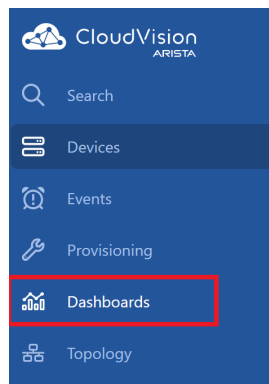
2. Rename your dashboard to "**<FirstName_LastInitial_NOC**". Select **Inputs** > **Single tag** from the dropdown menu on the right. Then click on the "**3 dots (...) > Configure"** for your input field.

3. Configure the Single Tag Panel with the name "**Container**". Select "**Container**" as the "**Tag Label**", and select "**DC1**" as the default value, close the configuration panel.
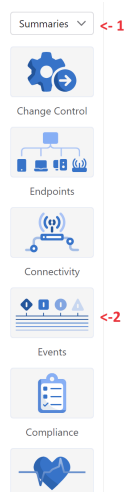

4. Insert a new graph by selecting "**Metrics**" from the drop down on the right, then select "**Table**".
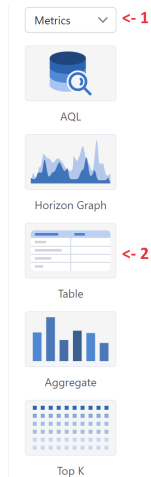
5. Configure this graph with the "**CPU > CPU Utilization**", "**Memory > Memory Usage**", "**MLAG > MLAG Status**", and "**Telemetry > Streaming Latency + Streaming Status**" options in the picture below. Then sort by "**CPU**" > "**Descending**", close the configuration panel.
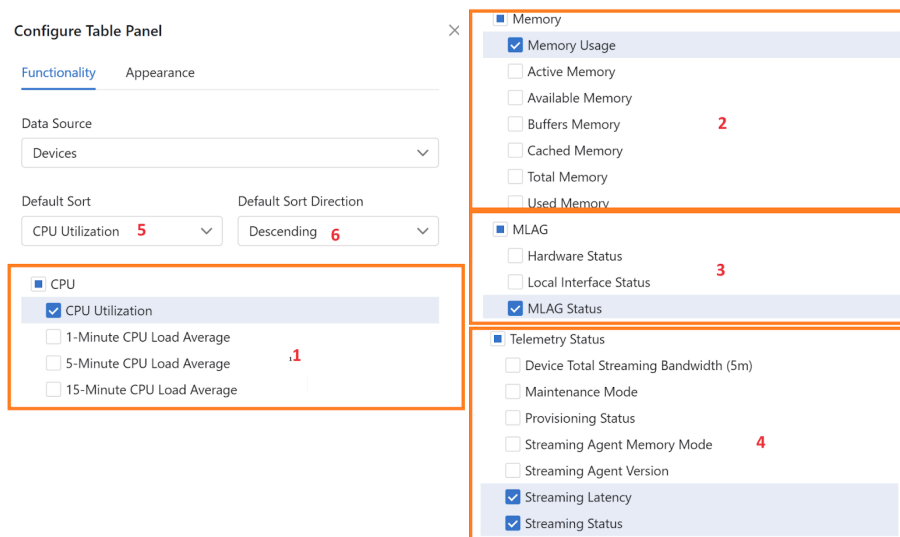
6. Insert a new graph by selecting "**Summaries**" and then "**Events**".

7. The preconfigured values for the "**Events**" dashboard are already correct.

8. Insert a new graph by selecting "**Metrics**" then "**Horizon Graph**".

9. Select "**Interfaces**" as your Data Source, "**Single Metric for Multiple Sources**" as the View type, "**RX Traffic Rate > Bitrate In**" as your Metric, and "**Device > ***" as your Dataset, close the configuration panel.

10. Insert a new graph by selecting "**Summaries**" then "**Compliance**".

11. Select "**Configuration Compliance**" for your Compliance Metric, close the configuration panel.

12. Insert another Compliance graph by selecting "**Summaries**" then "**Compliance**".

13. Select "**Bug Exposure**" for your Compliance Metric, close the configuration panel.

14. Insert a new graph by selecting "**Metrics**" then "**Table**"

15. Select the "**Routing** > **ARP Table Size** + **IPv4 Total Route Count**", "**Switching > Configured VLANs**", "**MAC Addresses Learned**", and "**Total VLANs**", close the configuration panel

16. Insert a new graph by selecting "**Metric**" then "**Table**"

17. Select "**Interfaces**" as the Data Source, then select "**LANZ**" and all suboptions, the sort by "**LANZ Queue Length**" and "**Descending**", close the configuration panel

18. The prior "**LANZ**" Dashboard is for instruction and will not be functional due to the lab running on **vEOS**, as this feature can only be run on hardware. We will demonstrate the **LANZ** feature in a later section of the Workshop.

19. Insert a new graph by selecting "**Summaries**" and then "**Traffic Flows**"

20. The default values for the "**Traffic Flows**" dashboard are already correct

21. Organize the dashboard panes as you see fit by dragging and dropping them on the page.

22. Your Dashboard should appear similar to the example below:.