

CloudWatch Dashboard

Problem Statement:

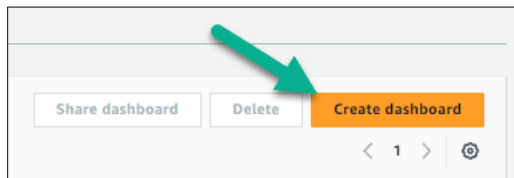
You work for TechArkit Corporation. To maintain the security of the AWS account and the resources you have been asked to implement a solution that can help easily recognize and monitor the different users. Also, you will be monitoring the machines created by these users for any errors or misconfigurations.

Tasks to Be Performed:

1. Create a dashboard that lets you check the CPU utilization and networking for a particular EC2 instance.

Answer

Login to AWS Management console → **CloudWatch** → **Click Dashboards** → **Create dashboard**

A screenshot of the 'Create new dashboard' dialog box. It has a title bar with a close button (X). Below the title, there is a text input field for 'Dashboard name' containing the text 'CPUUtilizationMonitoring'. Below the input field, a note states: 'Valid characters in dashboard names include "0-9A-Za-z-_"'. At the bottom right, there are two buttons: 'Cancel' and 'Create dashboard'.

“Create dashboard”

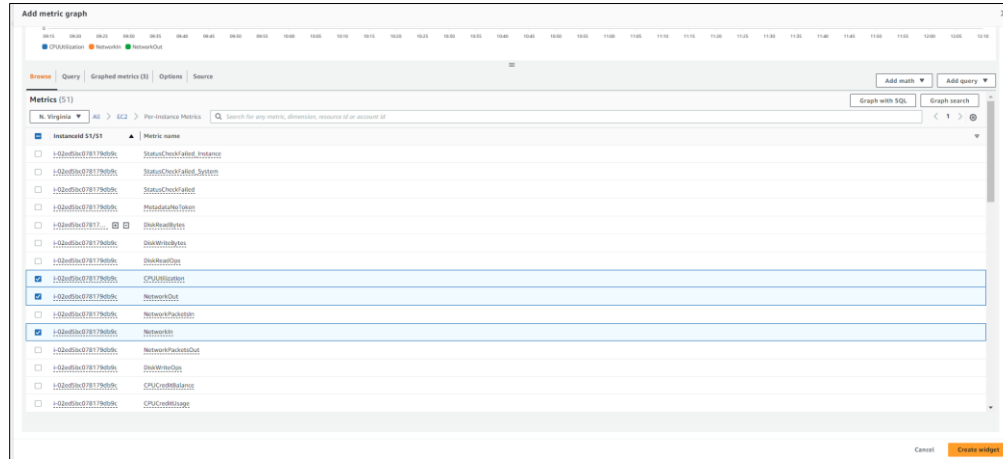
A screenshot of the 'Add widget' dialog box. It displays a grid of widget options: 'Line' (Compare metrics over time), '75 % Number' (Instantly see the latest value for a metric), 'Gauge' (See the latest value of a metric within a range), 'Stacked area' (Compare the total over time), 'Bar' (Compare categories of data), 'Pie' (Show percentage or proportional data), 'Text' (Free text with markdown formatting), 'Custom widget' (Code widgets using Lambda and more), 'Alarm status' (Instantly see the status of your alarms in a grid view), 'Logs table' (Explore results from Logs Insights), and 'Explorer' (A single widget with multiple tag-based graphs). Below the grid, there is a section titled 'From which data source would you like to create the widget?' with two radio button options: 'Metrics' (selected) and 'Logs'. The 'Metrics' option is described as 'Add widget based on Metrics and configure your widget on the next step.' The 'Logs' option is described as 'Add widget based on query results from CloudWatch Logs Insights.' At the bottom right, there are 'Cancel' and 'Next' buttons.

<https://www.youtube.com/@TechArkit/videos> Please subscribe for more videos and courses

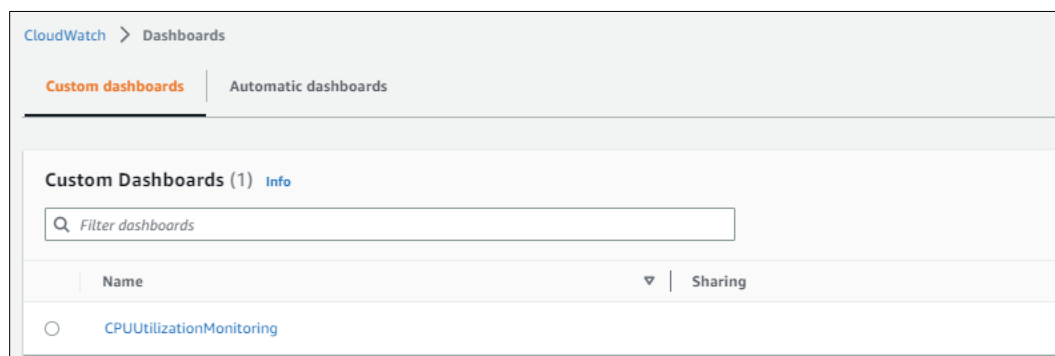
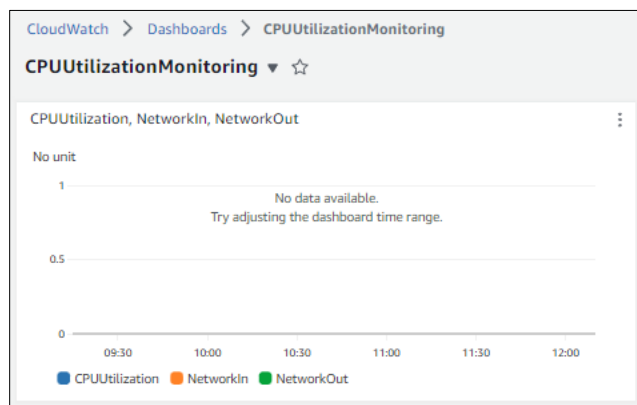
Select the widget you like

Click **Next**

EC2 → Per-Instance Metrics



Create Widget



The dashboard has been created successfully