Lab 11

CST8912_011

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Submitted to:

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Lab Report Format

Title

Azure Cloud Monitoring and Metrics Lab

Introduction or Purpose

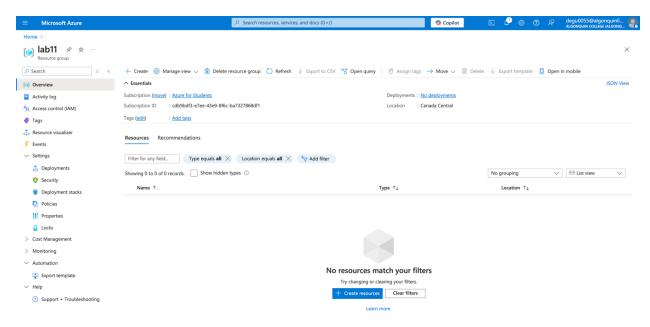
Cloud Monitoring helps manage and track resources in a cloud environment by collecting metrics, events, and metadata. It automatically detects resources and offers visualization tools. In this lab, you'll install the Cloud Monitoring agent, create an uptime check, set up an alert policy, and visualize CPU metrics for a Compute Engine instance.

Steps covered in the lab

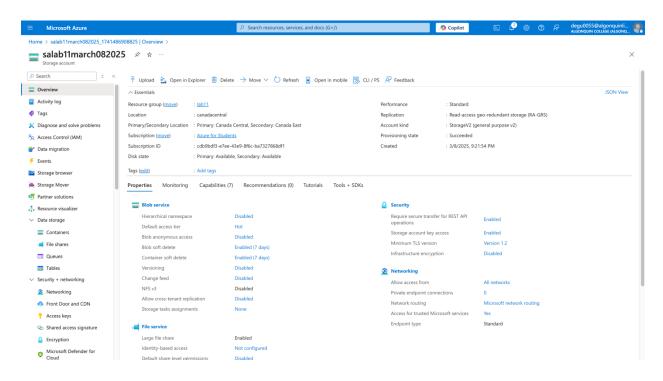
- Create an uptime check for your resources (storage account and virtual machine) in Canada Central region.
- Define an alert policy for specific events.
- Create a chart to show CPU metrics for your instance on the Cloud Monitoring dashboard.
- Use log queries to interact with data.
- Create an Azure Data Factory in Canada Central region.
- Create an Azure Log Analytics workspace in the same region.
- Configure Diagnostic settings for Azure Data Factory.
- Create and review a Log Solution for Azure Data Factory.
- Set up Monitor Alerts for Azure Data Factory.
- Delete all resources after the demo.

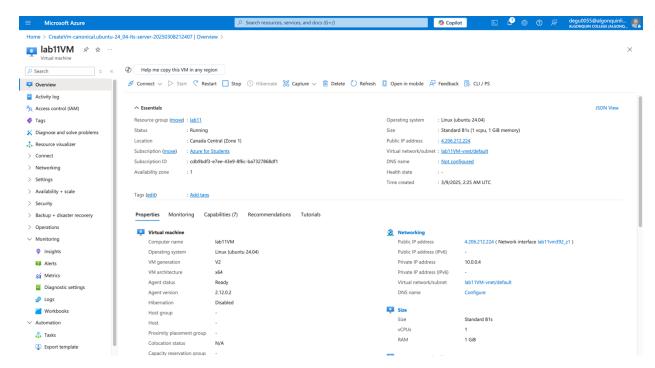
Results

Create Resources in Canada Central

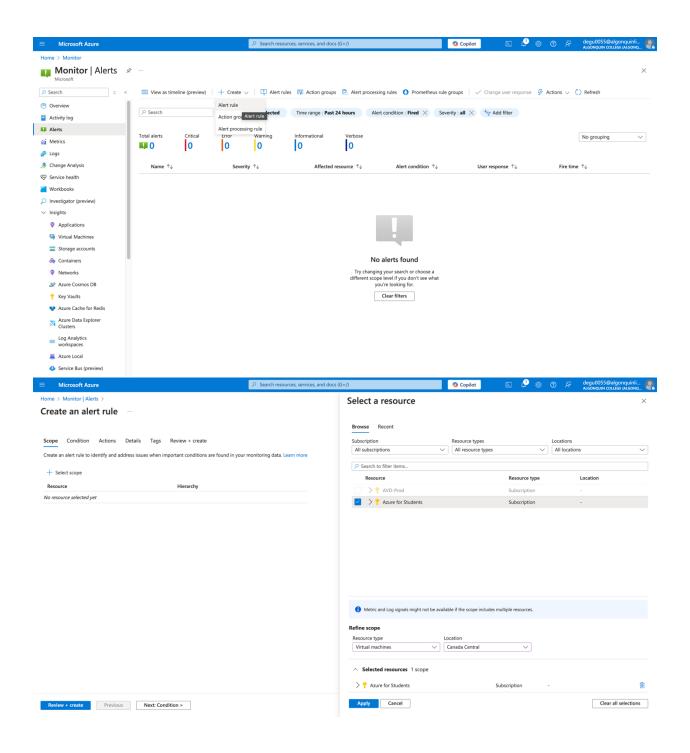


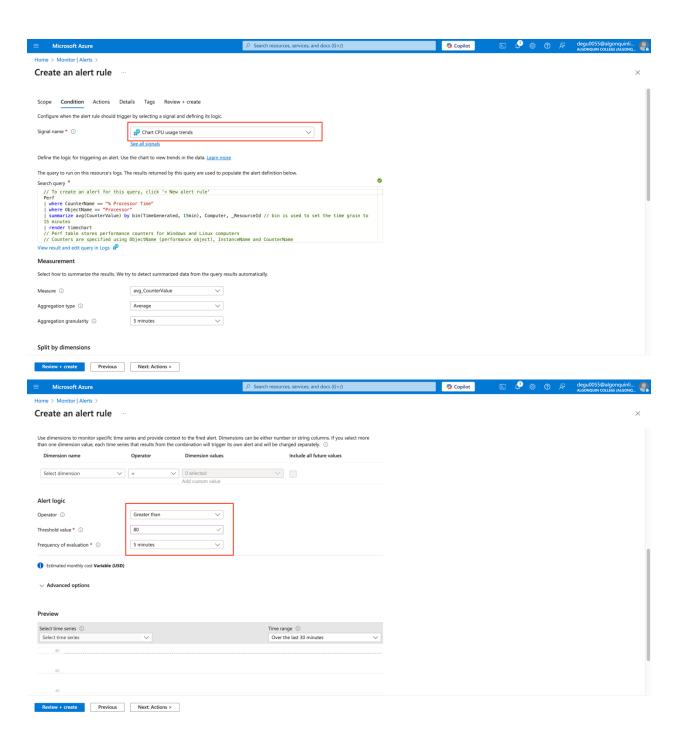
Give feedback

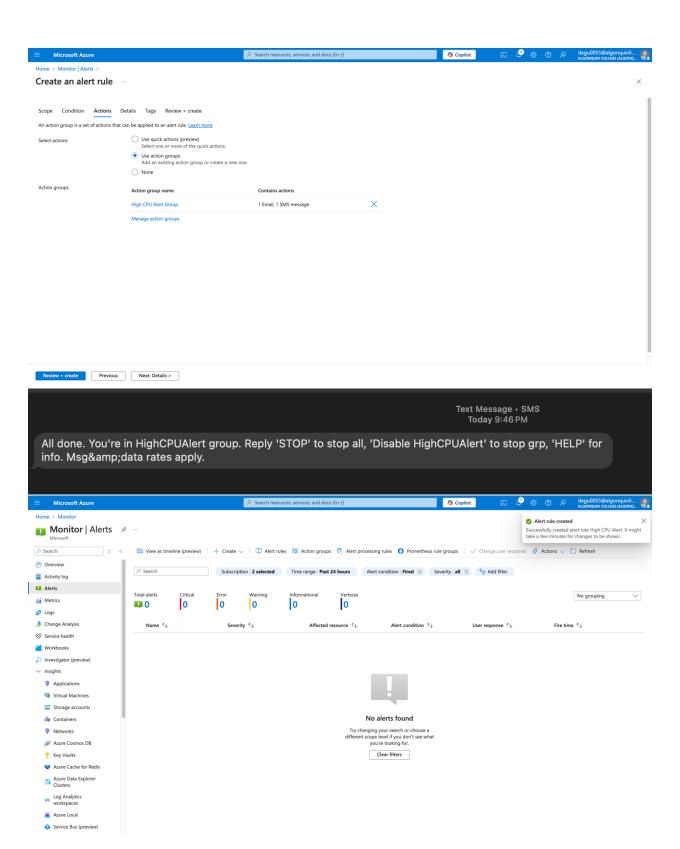


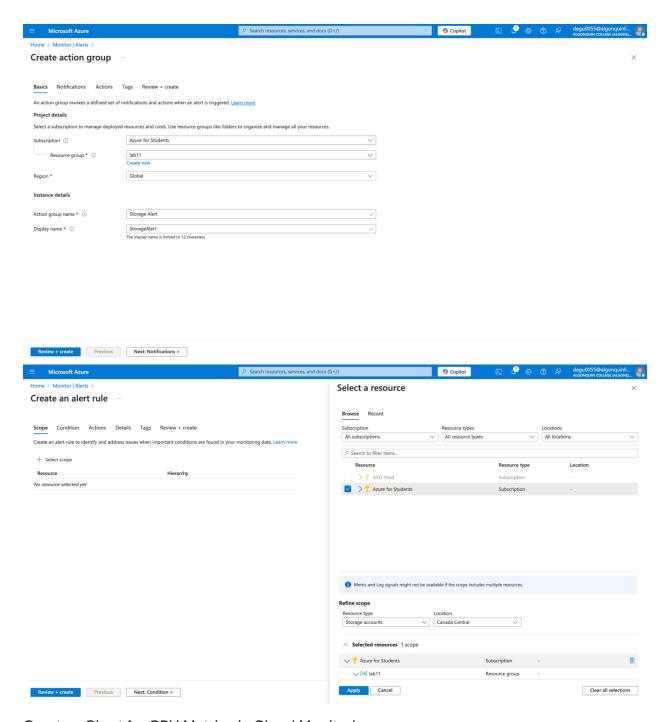


Create an Alert

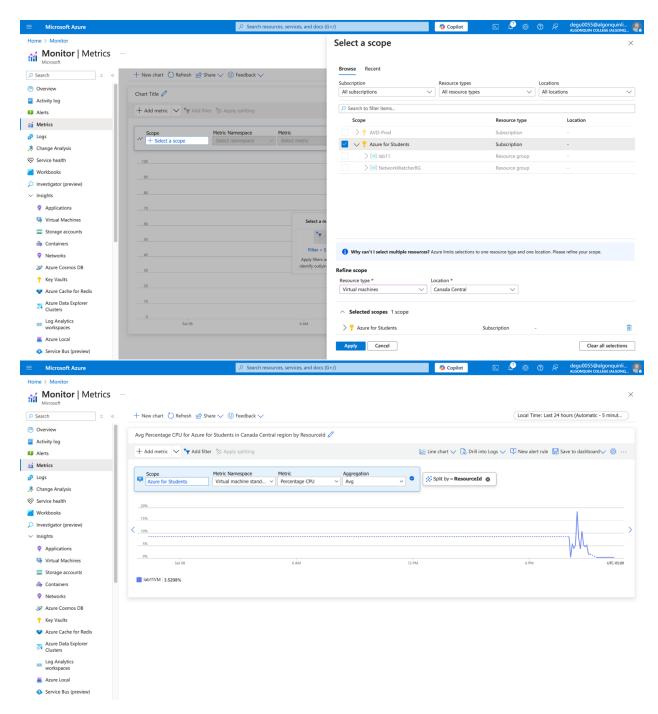




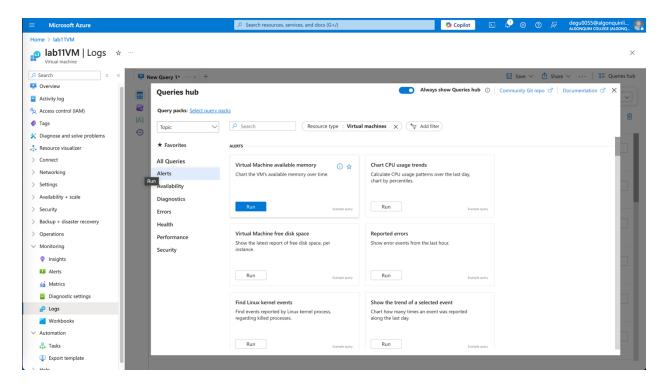




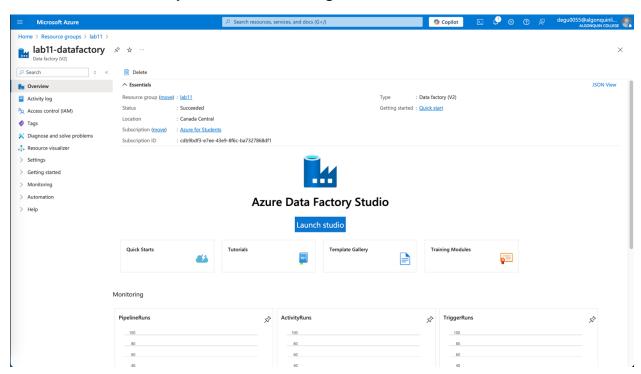
Create a Chart for CPU Metrics in Cloud Monitoring



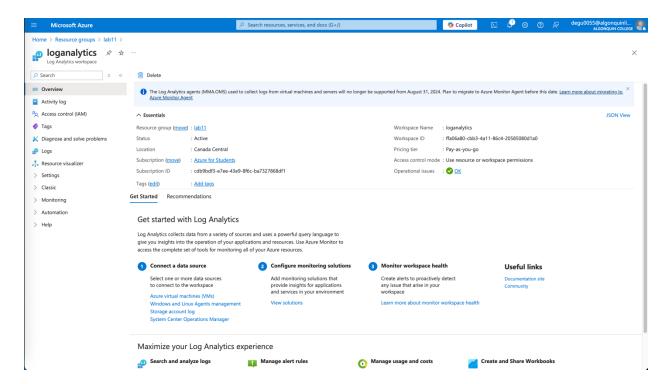
Use Log Queries to Interact with Data



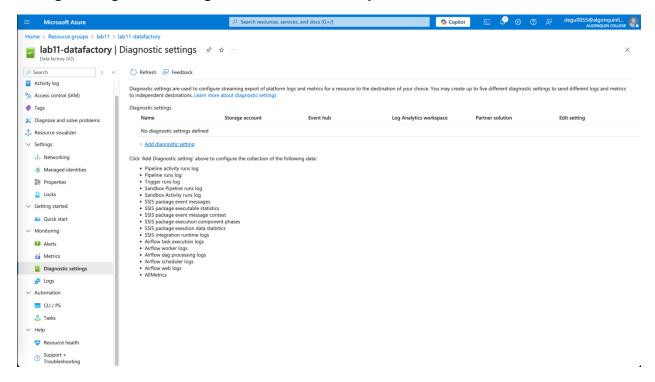
Create azure data factory in Canada central region



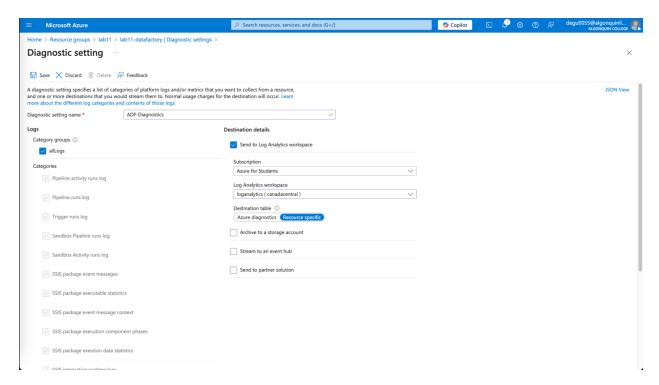
Create Azure Log Analytics workspace in same region as other resources



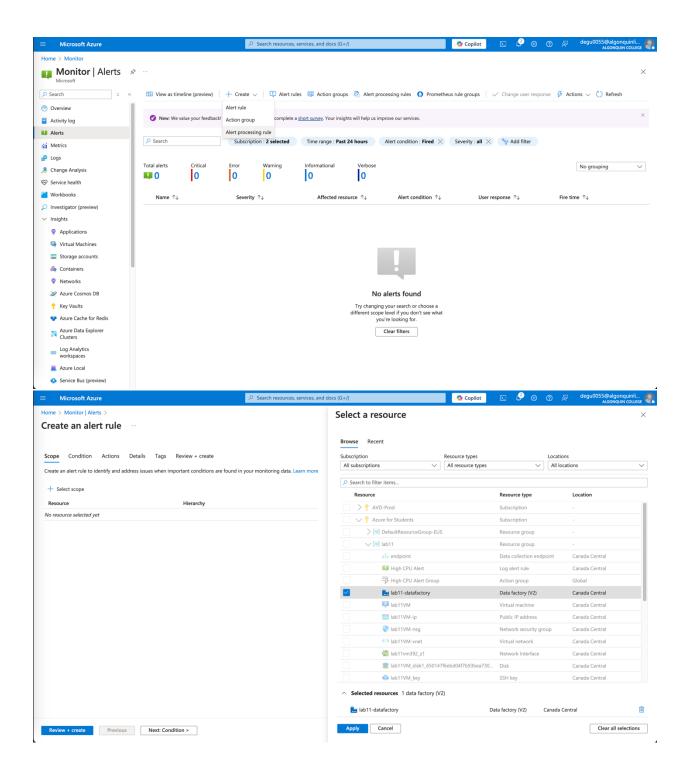
Configure Diagnostic settings for Azure Data Factory

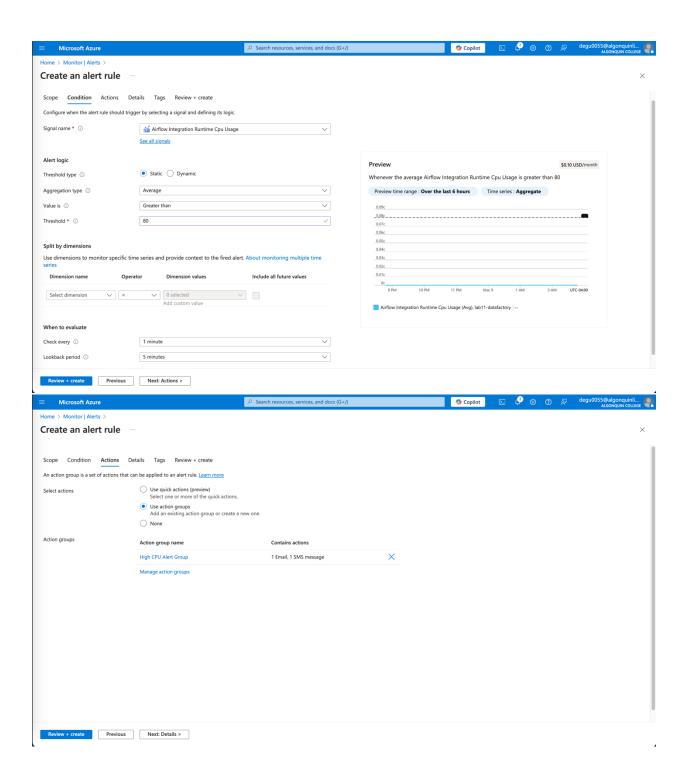


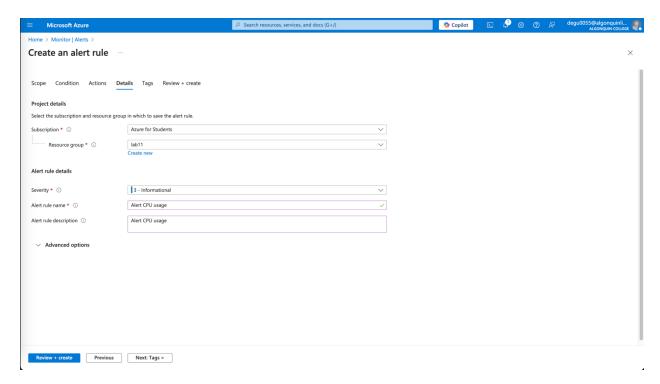
Create and review a Log Solution for the Azure Data Factory



Setup Monitor Alerts for Azure Data Factory







After demo delete all the resources created in the lab

