Lesson 08 Demo 08

Monitoring Clusters and Node Logs

Objective: To monitor cluster health and inspect node logs in Azure
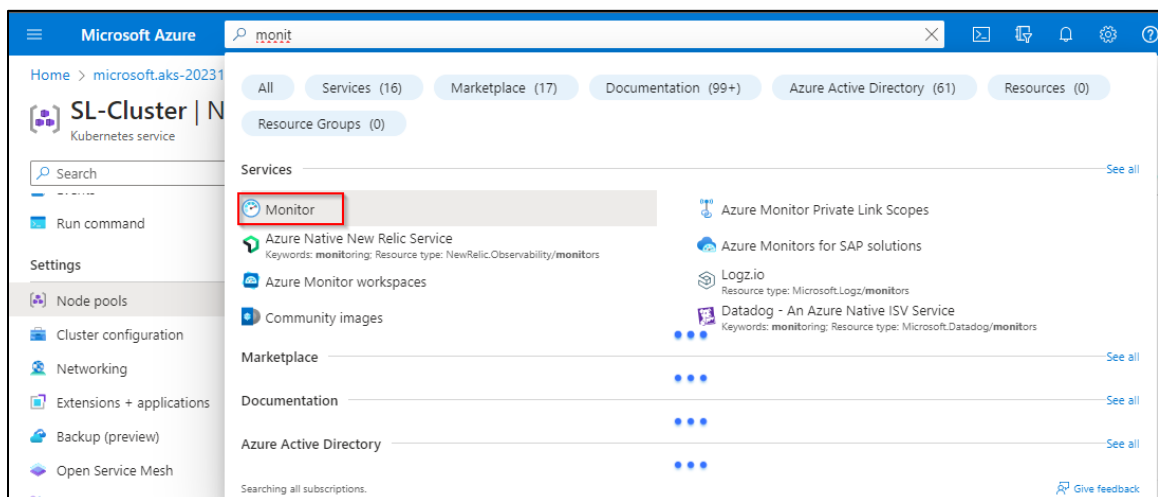
Tools required: Azure management tools

Prerequisites: A Kubernetes cluster should already be set up (refer to the steps provided in Lesson 08, Demo 01 for guidance).

Steps to be followed:
1. Monitor cluster health via Azure monitor
2. Inspect the logs of a live pod

Step 1: Monitor cluster health via Azure monitor

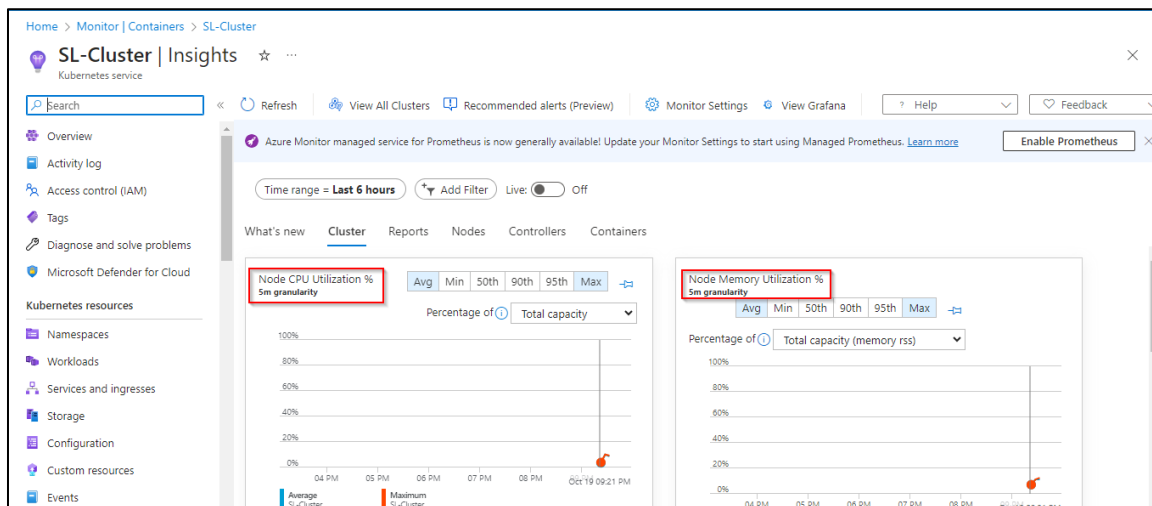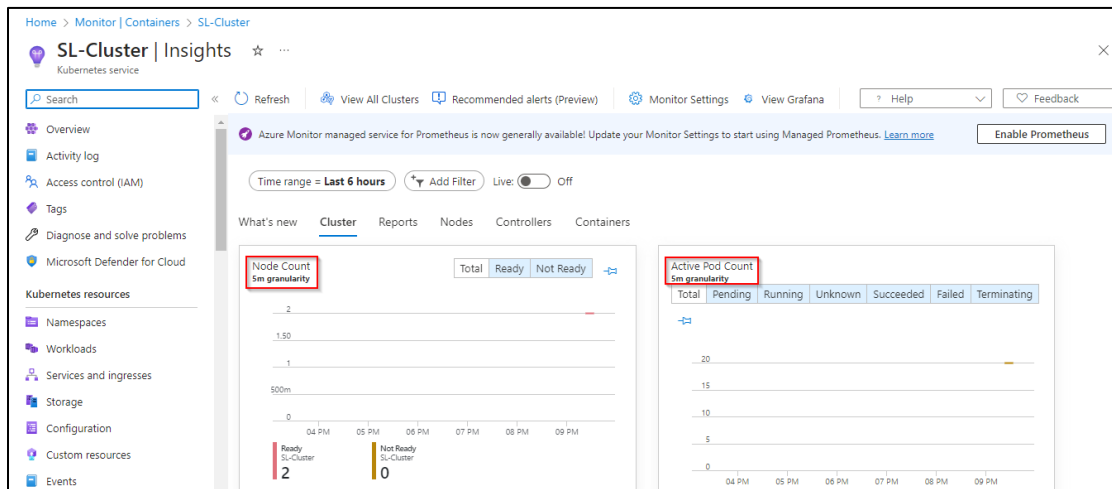1.1 Navigate to the Azure portal homepage, search for, and select the **Monitor** service

1.2 Navigate to **Containers** and click on **Monitored clusters** followed by **SL-Cluster**

On the SL-Cluster insights page, you can assess the cluster health using various graphs. These include **Node CPU Utilization %, Node Memory Utilization %, Node Count,** and **Active Pod Count.**
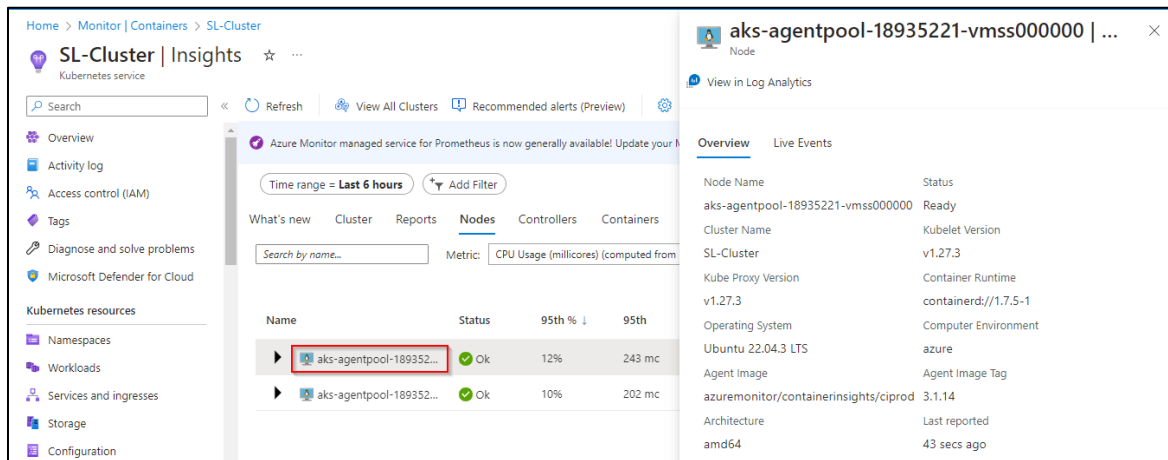
Step 2: Inspect the logs of a live pod

2.1 To monitor the node logs, choose the **Nodes** option

2.2 Next, click on **aks-agentpool** to view the monitoring window

You can monitor different metrics by selecting them individually.

By following these steps, you have successfully monitored cluster health and inspected node logs for maintaining efficient and effective cloud operations.