Lesson 07 Demo 05

Monitoring Container Logs

Objective: To view and check the container logs within a Kubernetes cluster using the crictl command for monitoring runtime operations

Tools required: kubeadm, kubectl, kubelet, and containerd

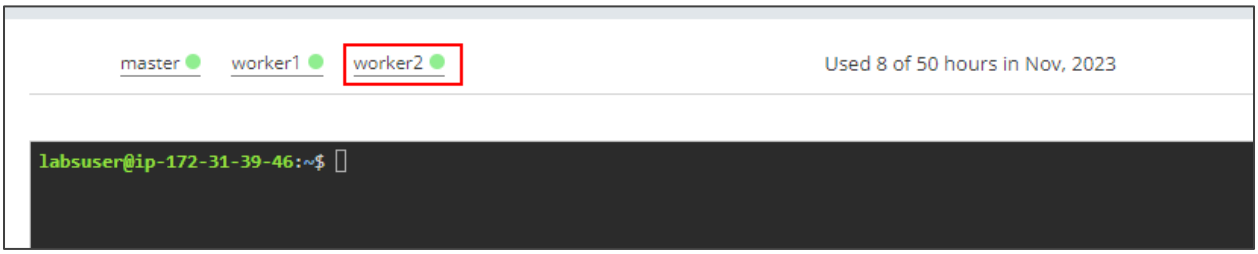
Prerequisites: A Kubernetes cluster (refer to Demo 01 from Lesson 01 for setting up a cluster)

Steps to be followed:

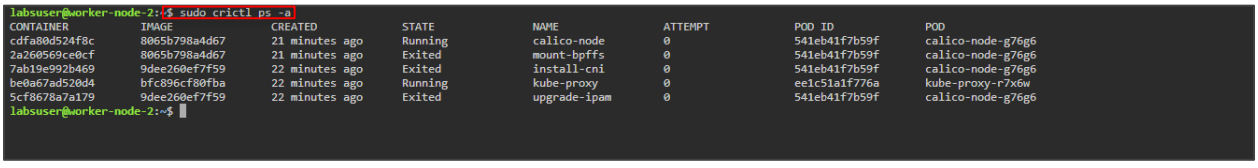
1. Check the container logs using the crictl command

Step 1: Check the container logs using the crictl command

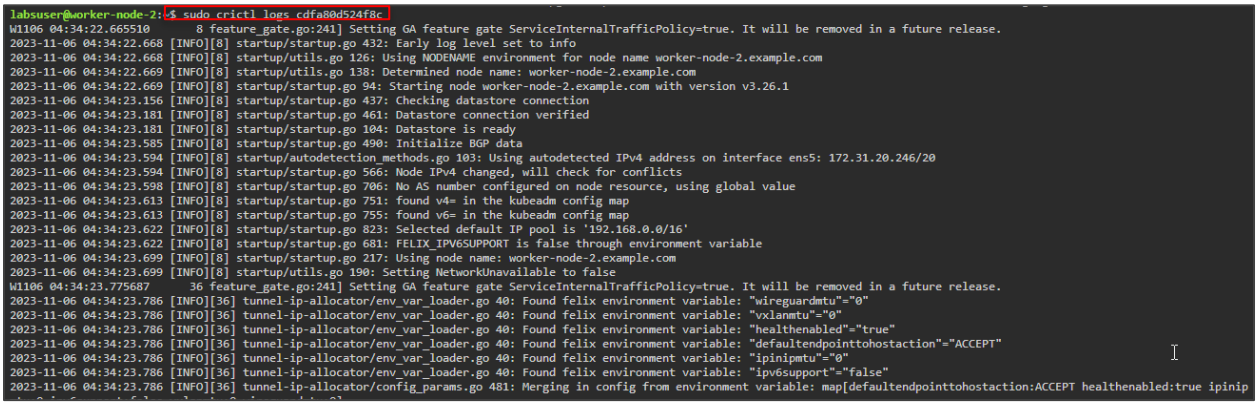
1.1 Navigate to worker-node-2 in the LMS dashboard



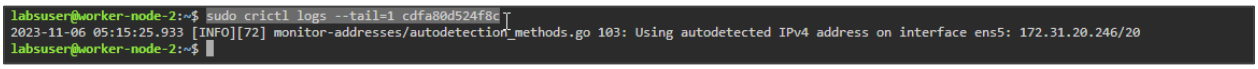
1.2 Fetch the container ID using the following command:
sudo crictl ps -a



1.3 Access and view the container logs for a specific container using the following command, replacing **<container-ID>** with the ID of the container that you copied in step 1.2:
sudo crictl logs <container-ID>



1.4 Retrieve the latest log entry for a specific container using the following command, replacing **<container-ID>** with the ID of the container that you copied in step 1.2:
sudo crictl logs --tail=1 <container-ID>



By following these steps, you have successfully demonstrated the effective use of the crictl command to check container runtime operations.