Lesson 09 Demo 05

Understanding Container Logs

Objective: To view and check the container logs within a Kubernetes cluster using the crictl commands

Tools required: kubeadm, kubectl, kubelet, and containerd

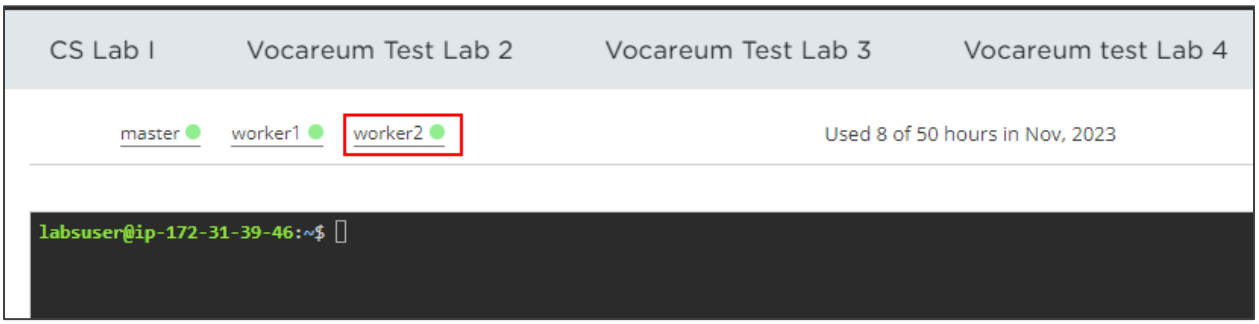
Prerequisites: A Kubernetes cluster should already be set up (refer to the steps provided in Lesson 02, Demo 01 for guidance).

Steps to be followed:

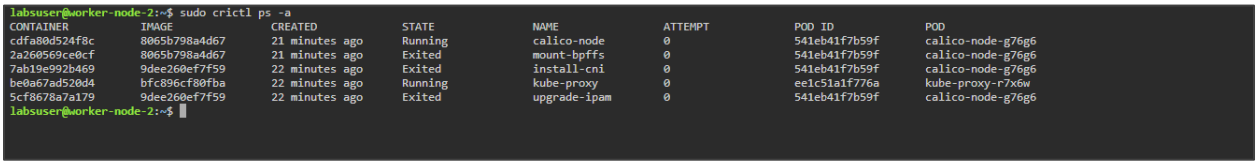
1. Check the container logs using the crictl commands

Step 1: Check the container logs using the crictl commands

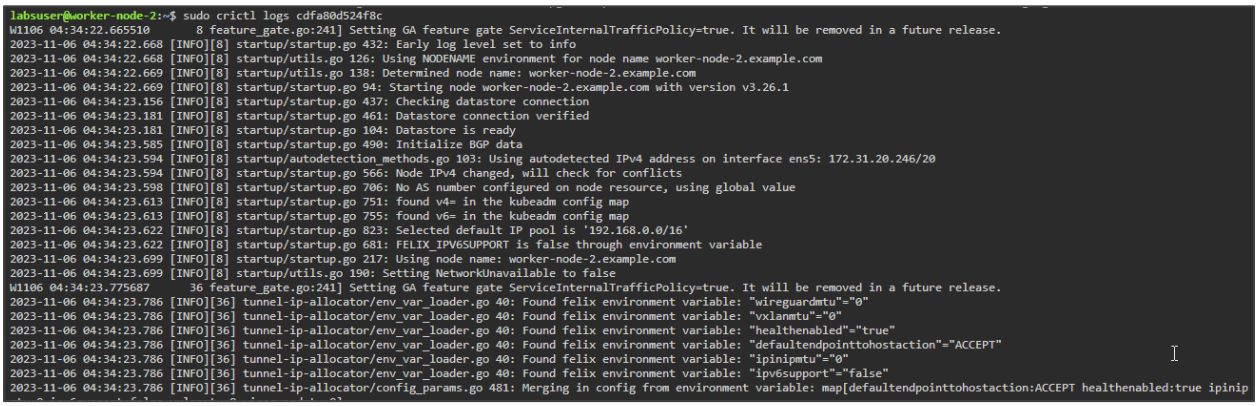
1.1 Navigate to the **worker-node-2** in the LMS dashboard



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

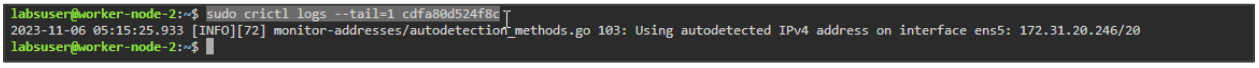


1.3 Access and view the container logs for a specific container using the following command:
sudo crictl logs <container-ID>



> **Note:** Replace the **<container-ID>** with the ID of the container that you copied in step **1.2**.

1.4 Retrieve the latest log entry for a specific container using the following command:
sudo crictl logs --tail=1 <container-ID>



> **Note:** Replace the **<container-ID>** with the ID of the container that you copied in step **1.2**.

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