Universal Control Plane (UCP)

Universal Control Plane offers a great way to manage Docker infrastructure. Its GUI interface provides useful information about the state of our cluster and allows us to more easily manage the many components of our Docker EE cluster. In this lesson, we will explore our UCP instance and get an idea of what features it has to offer.

Relevant Documentation

- · Universal Control Plane
- UCP Architecture

Lesson Reference

Once the installation is complete, access UCP in a web browser using the UCP manager's public IP address: https://<UCP_MANAGER_PUBLIC_IP>.

Log in to the UCP manager using the credentials we supplied earlier in cluster.yaml.

If prompted to provide a license, select Skip for now.

We should see the UCP Dashboard.

Let's run a Docker swarm service using UCP.

Click on Swarm > Services on the left.

Click Create, then enter nginx as a name for our service. For the image, enter nginx .

Click Create. Note that it may take a few moments for the new service to spin up.

Go to **Shared Resources** > **Nodes**. Select the gear icon to configure the node. Note the *Orchestrator Type* setting. This determine which orchestrators are used on which node.

Feel free to further explore the UCP interface!