

To automatically start the Kubernetes dashboard after booting your Ubuntu machine

To automatically start the Kubernetes dashboard after booting your Ubuntu machine, you can create a systemd service unit. Here's how you can do it:

1. Open a terminal on your Ubuntu machine.
2. Create a new systemd service unit file using a text editor. For example, you can use the following command to create the file with the Nano text editor:

```
...  
  
sudo nano /etc/systemd/system/microk8s-dashboard.service  
...
```

3. Add the following content to the service unit file:

```
...  
  
[Unit]  
Description=MicroK8s Kubernetes Dashboard  
After=network.target  
  
[Service]  
ExecStart=/snap/bin/microk8s.kubectl proxy --port=8001 --address='0.0.0.0' --accept-hosts='.*'  
Restart=always  
RestartSec=10  
  
[Install]  
WantedBy=multi-user.target  
...
```

This configuration defines a service unit for the Kubernetes dashboard, specifying the command to start the proxy and enabling automatic restarts.

4. Save the file and exit the text editor. In Nano, you can do this by pressing Ctrl+O, then Enter to save, and Ctrl+X to exit.

5. Enable the service to start automatically on boot by running the following command:

```
sudo systemctl enable microk8s-dashboard
```

6. Start the service manually for the current session by running:

```
sudo systemctl start microk8s-dashboard
```

7. Verify that the service is running without any errors by checking its status:

```
sudo systemctl status microk8s-dashboard
```

If everything is set up correctly, the status should indicate that the service is active (running).

After following these steps, the Kubernetes dashboard should start automatically after each boot. You can access it from any machine on the network by using the appropriate URL, as mentioned in the previous responses.

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