Non RealTime RIC

Installation

Docker and kubernetes (skip if already installed)

We installed the non rt ric using kubernetes and containers, to do so we used kubeadm and containerd.

We've started with a machine running Ubuntu Desktop 22.04 LTS and installed docker following their own documentation.

For our cgroup driver we chose systemd. Our configuration file can be found here. Make sure to install kubectl as well. As our pod network add-on, we picked flannel. Finally we removed the node-role.kubernetes.io/control-plane:NoSchedule taint from all nodes.

Now we should have a healthy kubernetes cluster running so its time to deploy the NearRTRIC itself.

Eduardo Schulz