Hardware and Infrastructure
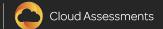
- The hardware and infrastructure that k8s will run on is truly staggering.

- Many developers run full, 6 node kubernetes and docker clusters on raspberry pis!

- I'll be honest -- after I finish this course and I find some spare time, that's definitely something I want to try!

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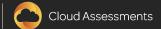Administrator

Hardware and Infrastructure

- Nodes, including the master, can be physical or virtual machines running kubernetes components and a container manager such as docker or rocket.

- The nodes should be connected by a common network, though the Internet will work as long as port 443 and whatever your pod networking system uses are unblocked.

Hardware and Infrastructure

- A pod networking application such as Flannel is needed to allow the pods to communicate

- With one another, and it makes use of an overlay network (by default it's vxlans) to provide that service.

Hardware and Infrastructure

- The Linux Academy Kubernetes Lab you built on Cloud Servers in an earlier lab, for example, is made up of two to six virtual machines. We then used kubeadm to bootstrap the master, and ran a join command on each of the nodes to provision them.

- For the exam, it's important to understand this relationship.

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