

Multi-node, highly available Kubernetes with MicroK8s

To create a cluster out of two or more already-running MicroK8s instances, use the `microk8s add-node` command. As of MicroK8s 1.19, clustering of three or more nodes will automatically enable high availability.

The MicroK8s instance on which the command is run will host the Kubernetes control plane:

```
microk8s add-node
```

The `add-node` command prints a `microk8s join` command which should be executed on the MicroK8s instance(s) that you wish to join to the cluster (NOT THE NODE YOU RAN `add-node` FROM). For example:

```
microk8s join ip-172-31-20-243:25000/DDOkUupkmaBezNnMheTBqFYHLWINGDbf
```

Joining a node to the cluster should only take a few seconds. Afterwards you should be able to see the node has joined:

```
microk8s kubectl get no
```

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