

Installation Raspberry Pi Ubuntu Server 64-bit

1. install control plane/-master
controller1\$: curl -sL https://get.k3s.io | INSTALL_K3S_EXEC="C="--tls-san 192.168.1.10 --node-taint CriticalAddonsOnly=true:NoExecute" sh -
2. generate a k3s token
controller1\$: sudo cat /var/lib/rancher/k3s/server/node-token > node-token.txt
3. ssh into worker[x]
worker1\$: scp ubuntu@192.168.1.10:/home/ubuntu/node-token.txt /tmp/node-token.txt
4. install worker and join controller
worker1\$: curl -sL https://get.k3s.io | \ K3S_URL=https://192.168.1.7:6443 \ K3S_TOKEN=\$(cat /tmp/node-token.txt) \ sh -
5. check node installed and in 'Ready' state
controller\$: kubectl get nodes

Repeat Step 3 for every worker

Change IP Address of K3S nodes

- | | |
|-----------------------------------|---|
| Remove any containers in the node | controller1\$: kubectl drain worker1 --ignore-daemonsets --delete-emptydir-data |
| Remove the node from controller | controller1\$: kubectl delete node worker1 |
| Stop the worker k3s | worker1\$: sudo systemctl stop k3s-agent |
| cleanup | worker\$: sudo rm -rf /etc/rancher /var/lib/rancher |

Regular Install steps

Add on Additional Control Plane / Master

- | | |
|---------|--|
| Install | curl -sL https://get.k3s.io \ INSTALL_K3S_EXEC="server \ --server https://192.168.1.10:6443 \ --token <token> \ --tls-san 192.168.1.11 \ --node-taint CriticalAddonsOnly=true:NoExecute \ --cluster-init=false" \ sh - |
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Page 1 of 1.

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