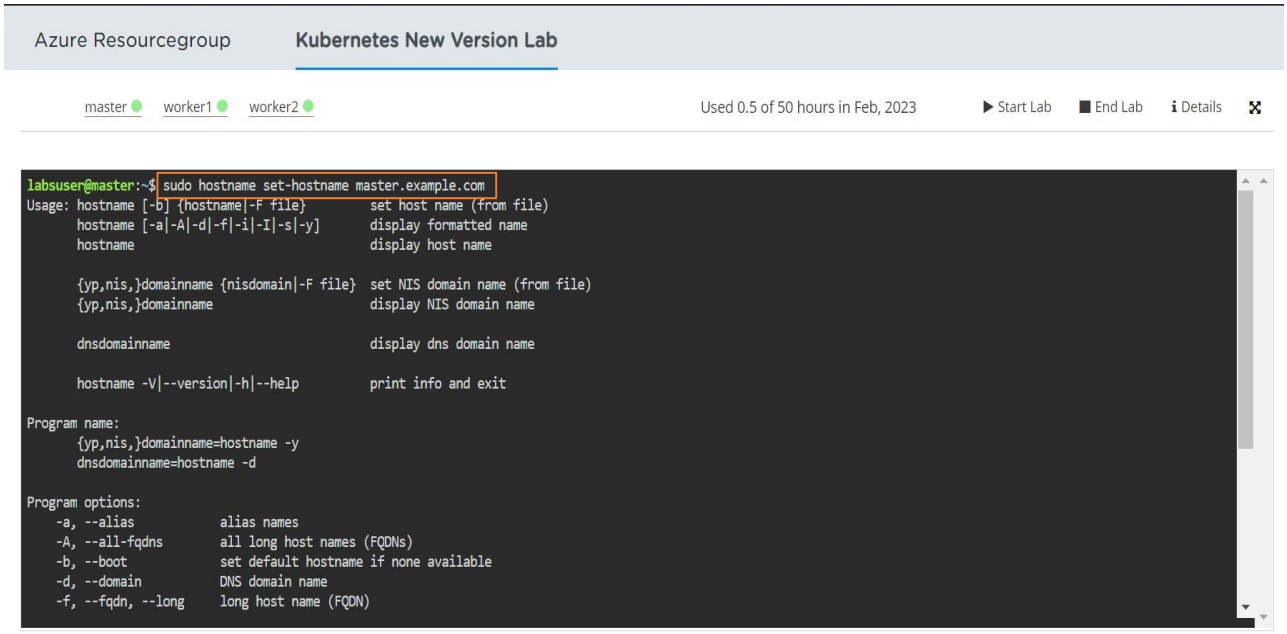
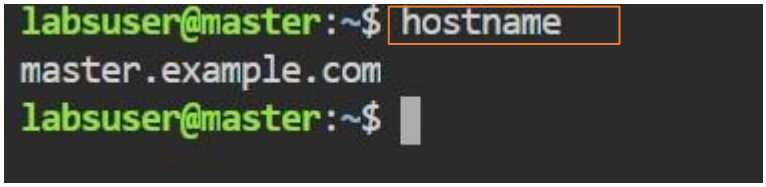
SETTING MASTER NODE IN KUBERNETES

1. Setting hostname for master-plane (Master Node)

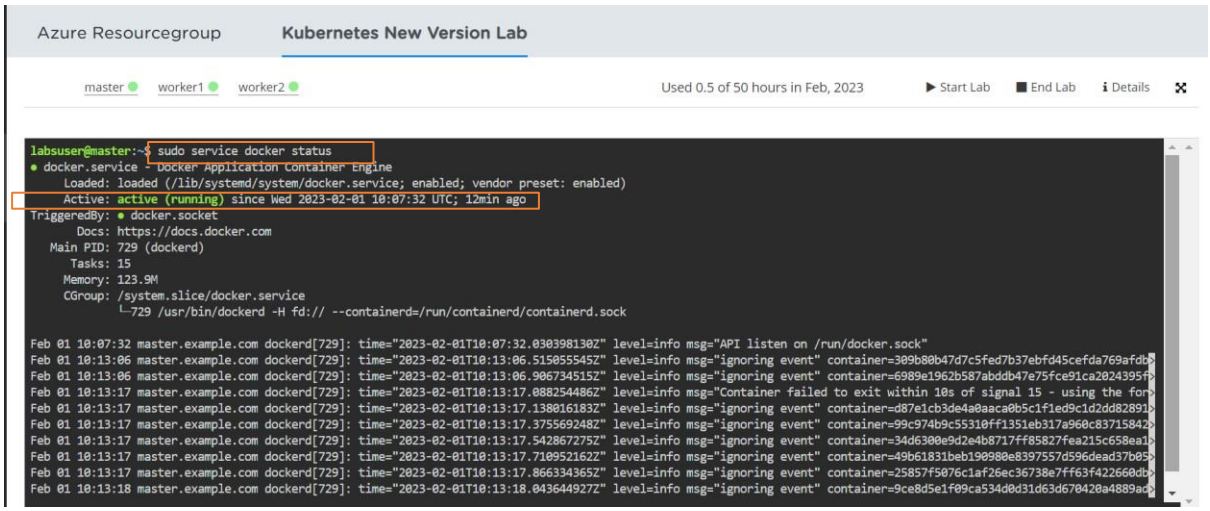


Description: Hostname has been set executing command “sudo hostname set-hostname master.example.com”.

OUTPUT: Checking hostname using command “hostname”

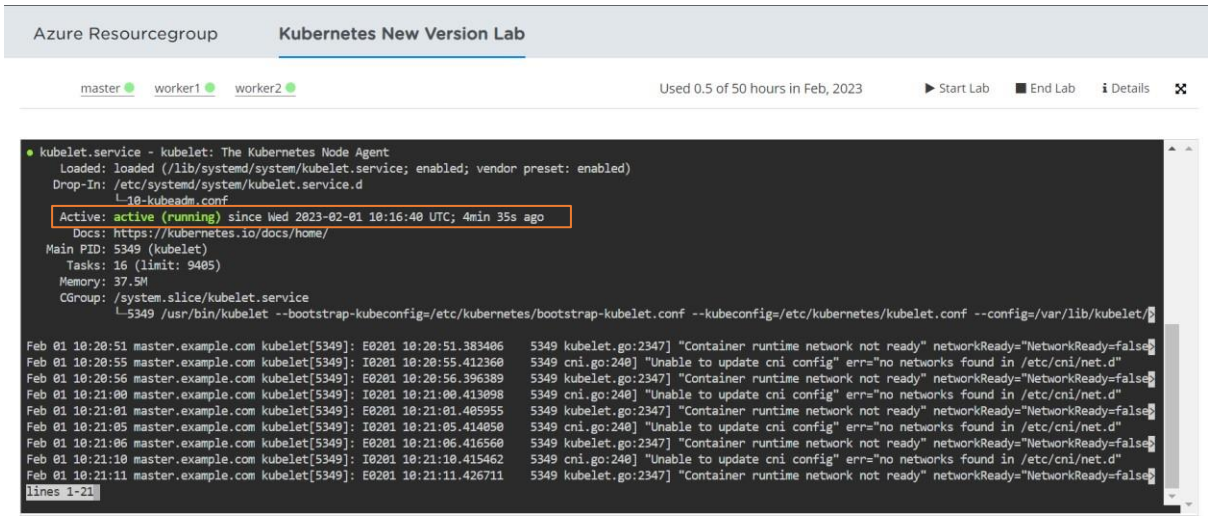


2. Checking Docker status for configuring Master node using command “sudo service docker status”.



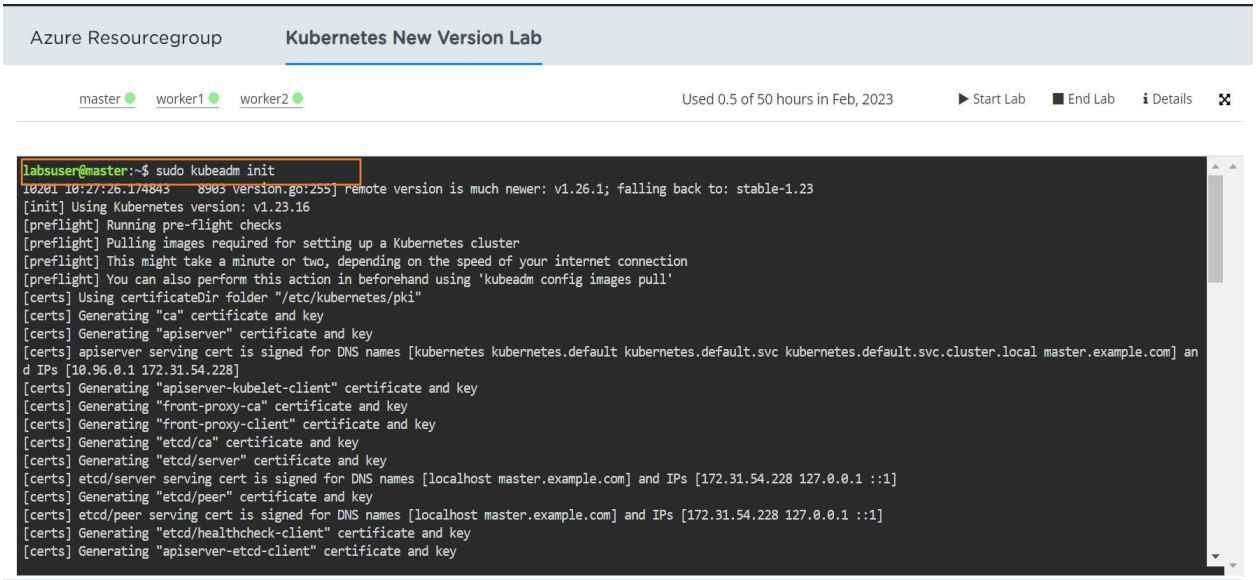
OUTPUT : Reflects docker as active(running).

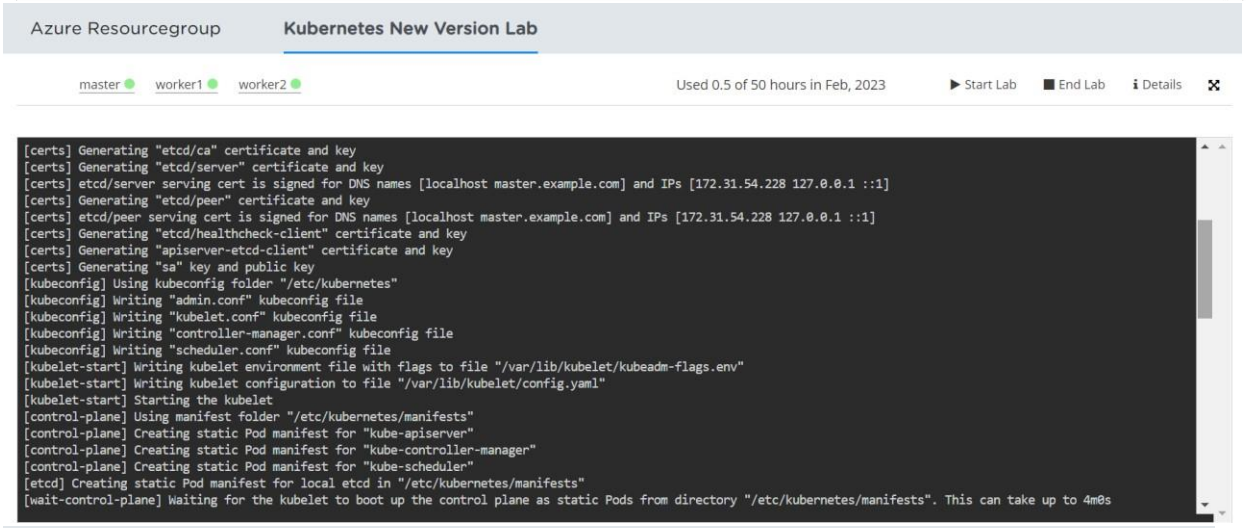
3. Checking kubelet status using command “sudo service kubelet status”.

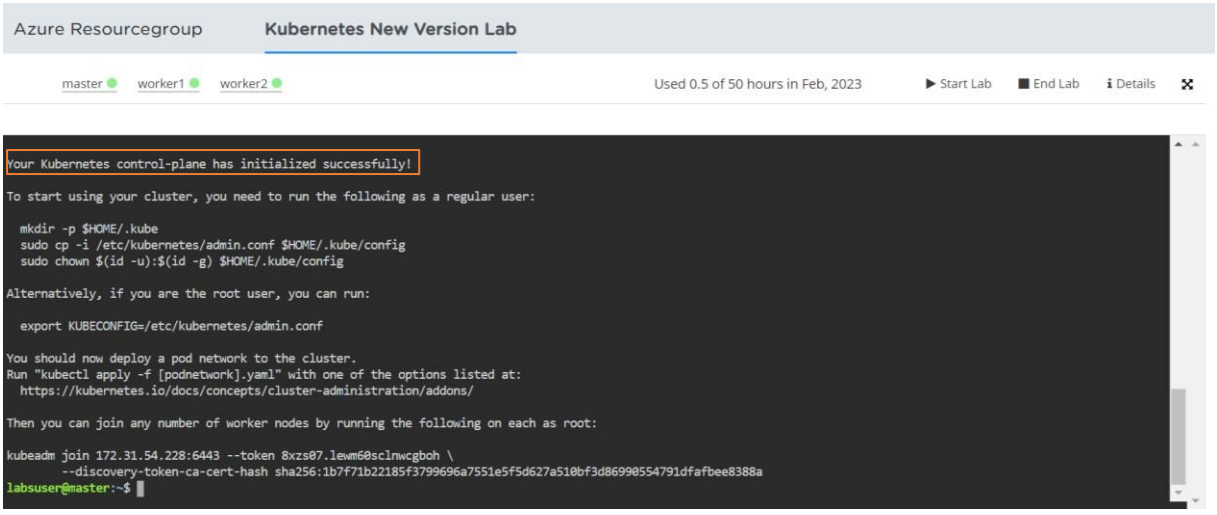


OUTPUT: Prompts Kubelet status as active (running).

4. Activating the Master control – plane (Master node) using command “sudo kubeadm init”.

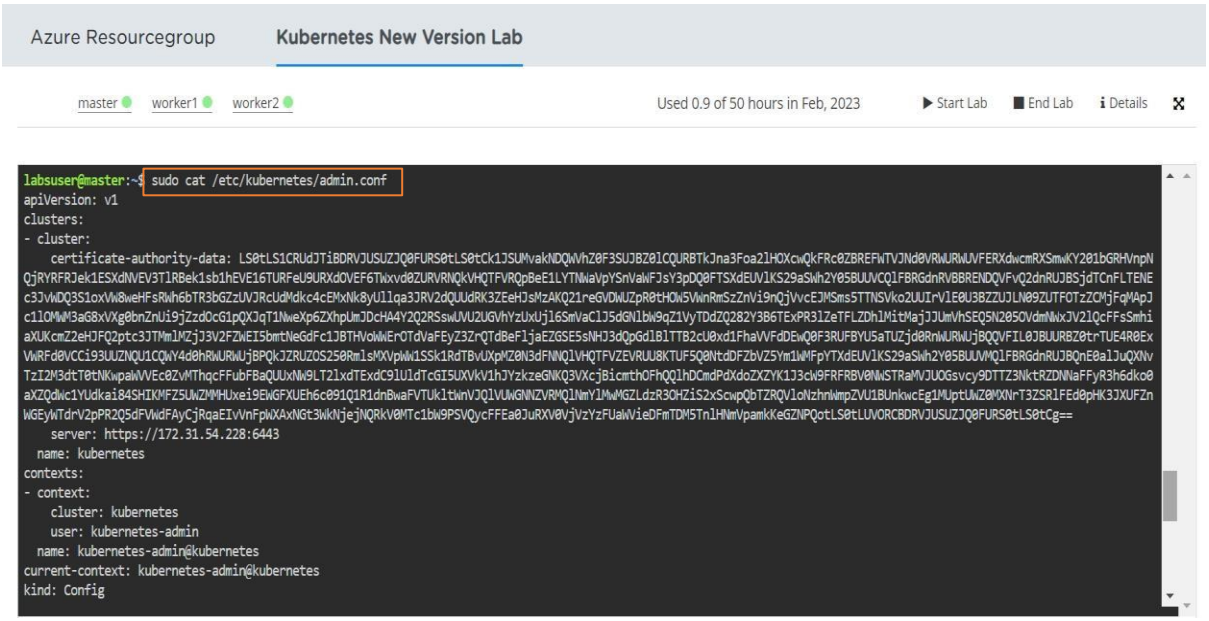






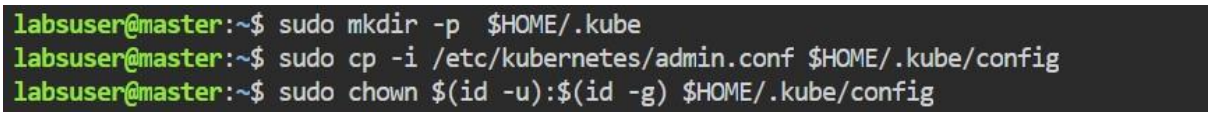
OUTPUT: Prompts “your Kubernetes control-plane has initialized successfully!”

5. Checking API server IP address and port number using command “sudo cat /etc/Kubernetes/admin.conf” (Fetching from configuration file).

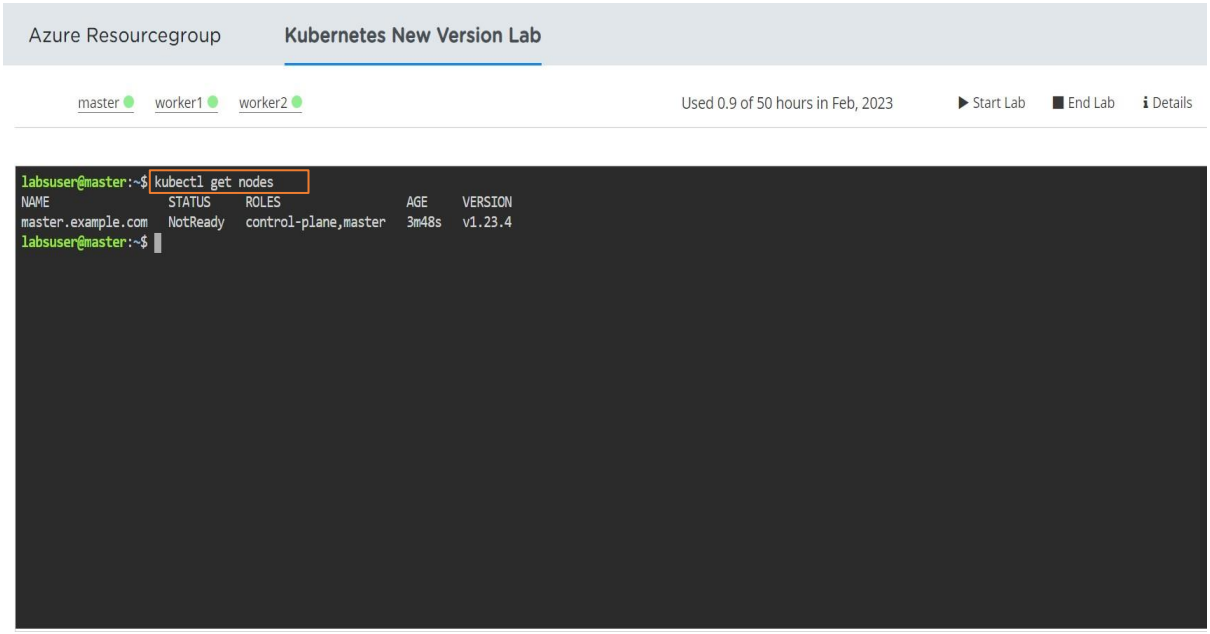


OUTPUT: Prompts API server address as” https://172.31.54.228:6443”. The port number is “6443”

6. Changing root permissions.



7. Checking either master node is set – up using command “kubectl get nodes”.



OUTPUT: The master node has been set successfully! The status reflects to be not ready as the worker nodes are to be connected.