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noelmathen@noelmathen-VirtualBox: ~  
noelmathen@noelmathen-VirtualBox:~$ minikube start \  
--driver=docker \  
--nodes=3 \  
--memory=4096 \  
--cpus=4 \  
--kubernetes-version=v1.27.3 \  
--profile multinode-demo  
[multinode-demo] minikube v1.36.0 on Ubuntu 24.04 (vbox/amd64)  
Using the docker driver based on user configuration  
  
The requested memory allocation of 4096MiB does not leave room for system overhead (total system memory: 4556MiB). You may face stability issues.  
Suggestion: Start minikube with less memory allocated: 'minikube start --memory=4096mb'  
  
Using Docker driver with root privileges  
Starting "multinode-demo" primary control-plane node in "multinode-demo" cluster  
Pulling base image v0.0.47 ...  
Downloading Kubernetes v1.27.3 preload ...  
> preloaded-images-k8s-v18-v1...: 393.19 MiB / 393.19 MiB 100.00% 2.46 MiB  
Creating docker container (CPUs=4, Memory=4096MB) ...  
Preparing Kubernetes v1.27.3 on Docker 28.1.1 ...  
Generating certificates and keys ...
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noelmathen@noelmathen-VirtualBox: ~  
noelmathen@noelmathen-VirtualBox:~$ minikube start --memory=4096mb  
Pulling base image v0.0.47 ...  
Creating docker container (CPUs=4, Memory=4096MB) ...  
Found network options:  
NO_PROXY=192.168.58.2  
Preparing Kubernetes v1.27.3 on Docker 28.1.1 ...  
env NO_PROXY=192.168.58.2  
Verifying Kubernetes components...  
  
Starting "multinode-demo-m03" worker node in "multinode-demo" cluster  
Pulling base image v0.0.47 ...  
Creating docker container (CPUs=4, Memory=4096MB) ...  
Found network options:  
NO_PROXY=192.168.58.2,192.168.58.3  
Preparing Kubernetes v1.27.3 on Docker 28.1.1 ...  
env NO_PROXY=192.168.58.2  
env NO_PROXY=192.168.58.2,192.168.58.3  
Verifying Kubernetes components...  
  
! /snap/bin/kubectl is version 1.32.5, which may have incompatibilities with Kubernetes 1.27.3.  
Want kubectl v1.27.3? Try 'minikube kubectl -- get pods -A'  
Done! kubectl is now configured to use "multinode-demo" cluster and "default" namespace by default  
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noelmathen@noelmathen-VirtualBox: ~  
noelmathen@noelmathen-VirtualBox:~$ minikube -p multinode-demo kubectl get pods  
> kubectl.sha256: 64 B / 64 B [-----] 100.00% ? p/s 0s  
> kubectl: 46.98 MiB / 46.98 MiB [-----] 100.00% 3.76 MiB p/s 13s  
NAME READY STATUS RESTARTS AGE  
demo-nginx-66d9f58c7-stfrg 1/1 Running 0 110s  
noelmathen@noelmathen-VirtualBox:~$ minikube -p multinode-demo kubectl get svc demo-nginx  
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE  
demo-nginx NodePort 10.105.250.178 <none> 80:31207/TCP 114s  
noelmathen@noelmathen-VirtualBox:~$ minikube -p multinode-demo service demo-nginx --url  
http://192.168.58.2:31207  
noelmathen@noelmathen-VirtualBox:~$
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