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--minimize-egg-period duration
# Specifies interval for kubelet to calculate and cache the volume disk usage for all pods and
volumes. It disables volume calculations, set it as a negative number, (default links) (DEPRECATED: This parameter should be set via the config file specified by
the Kubelet's --config flag See https://kubernetes.io/docs/tasks/administer-cluster/yubect-config-file/ for more information.)
shant@ip-172-31-95-89:~$ kubectl version
kubectl version: Server: v1.22.8, Client: v1.22.8, GitVersion: v1.22.8, GitCommit: 7fddc875f00d42f7be7dfccae0d44, GitTreeState: clean, Build
Date: 2022-03-10T14:40:54Z, GoVersion: go1.16.15, Compiler: gc, Platform: linux/amd64
shant@ip-172-31-95-89:~$ sudo swapoff -s
shant@ip-172-31-95-89:~$ sudo swap -l | grep /x/?/?/ ?etc/fstab
shant@ip-172-31-95-89:~$ sudo vi /etc/docker/damons.json
shant@ip-172-31-95-89:~$ sudo systemctl daemon-reload || sudo systemctl restart docker & sudo systemctl restart kubelet
shant@ip-172-31-95-89:~$ sudo docker info | grep -i cgroup
Cgroup Driver: systemd
Cgroup Version: 2
cgroups
shant@ip-172-31-95-89:~$ sudo kubeadm init --ignore-preflight-errors=all
I0607 06:41:36.502412 : 4362 version.go:255] remote version is much newer: v1.25.2; falling back to stable-1.22
[init] Using Kubernetes version: v1.22.15
[preflight] Running pre-flight checks.
[WARNING NumCPU]: the number of available CPUs is less than the required 2
[WARNING Mem]: the system RAM (955 MB) is less than the minimum 1780 MB
[preflight] Pulling images required for setting up a Kubernetes cluster
[preflight] This might take a minute or two, depending on the speed of your internet connection
[preflight] You can also perform this action in beforehand using 'kubectl config images pull'
[certs] Using certificateDir folder "/etc/kubernetes/pki"
[certs] Generating "ca" certificate and key
[certs] Generating "apiserver" certificate and key
[certs] apiserver serving cert is signed for DNS names [ip-172-31-95-89.kubernetes.kubernetes.default.kubernetes.default.svc.kubernetes.default.svc.cluster.local] and IPs [10.0.0.1 172.31.95.89]
[certs] Generating "apiserver-kubelet-client" certificate and key
[certs] Generating "front-proxy-ca" certificate and key
[certs] Generating "front-proxy-client" certificate and key
[certs] Generating "etcd/ca" certificate and key
[certs] Generating "etcd/server" certificate and key
[certs] etcd/server serving cert is signed for DNS names [ip-172-31-95-89 localhost] and IPs [172.31.95.89 127.0.0.1 ::1]
[certs] Generating "etcd/peer" certificate and key
[certs] etcd/peer serving cert is signed for DNS names [ip-172-31-95-89 localhost] and IPs [172.31.95.89 127.0.0.1 ::1]
[certs] Generating "etcd/healthcheck-client" certificate and key
[certs] Generating "apiserver-etcd-client" certificate and key
[certs] Generating "sa" key and public key
[kubeconfig] Using kubeconfig folder "/etc/kubernetes"
[kubeconfig] Writing "admin.conf" kubeconfig file
[kubeconfig] Writing "kubelet.conf" kubeconfig file
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[upload-certs] Skipping phase. Please see --upload-certs
[mark-control-plane] Marking the node ip-172-31-05-89 as control-plane by adding the label(s) [node-role.kubernetes.io/master:[deprecated]] node-role.kubernetes.io/control-plane,node.kubernetes.io/exclude-from-external-load-balancers
[mark-control-plane] Marking the node ip-172-31-05-89 as control-plane by adding the taints [node-role.kubernetes.io/master:NoSchedule]
[bootstrap-token] Using token: B3xyjz.63qWyr1jxmtJtH
[bootstrap-token] Configuring bootstrap tokens, cluster-info ConfigMap, RBAC Rules
[bootstrap-token] configured RBAC rules to allow Node Bootstrap tokens to get nodes
[bootstrap-token] configured RBAC rules to allow Node Bootstrap tokens to post CSRs in order for nodes to get long term certificate credentials
[bootstrap-token] configured RBAC rules to allow the kube-proxy controller automatically approve CSRs from a Node Bootstrap Token
[bootstrap-token] configured RBAC rules to allow certificate rotation for all node client certificates in the cluster
[bootstrap-token] Creating the "cluster-info" Configmap in the "kube-public" namespace
[kubelet-finalize] Updating "/etc/kubernetes/kubelet.conf" to point to a rotatable kubelet client certificate and key
[addons] Applied essential addon: CoreDNS
[addons] Applied essential addon: kube-proxy

Your Kubernetes control-plane has initialized successfully!

To start using your cluster, you need to run the following as a regular user:

mkdir -p $HOME/.kube
sudo cp -i /etc/kubernetes/admin.conf $HOME/.kube/config
sudo chown $(id -u):$(id -g) $HOME/.kube/config

Alternatively, if you are the root user, you can run:

export KUBECONFIG=/etc/kubernetes/admin.conf

You should now deploy a pod network to the cluster.
Run "kubectl apply -f [podnetwork].yaml" with one of the options listed at:
https://kubernetes.io/docs/concepts/cluster-administration/addons/

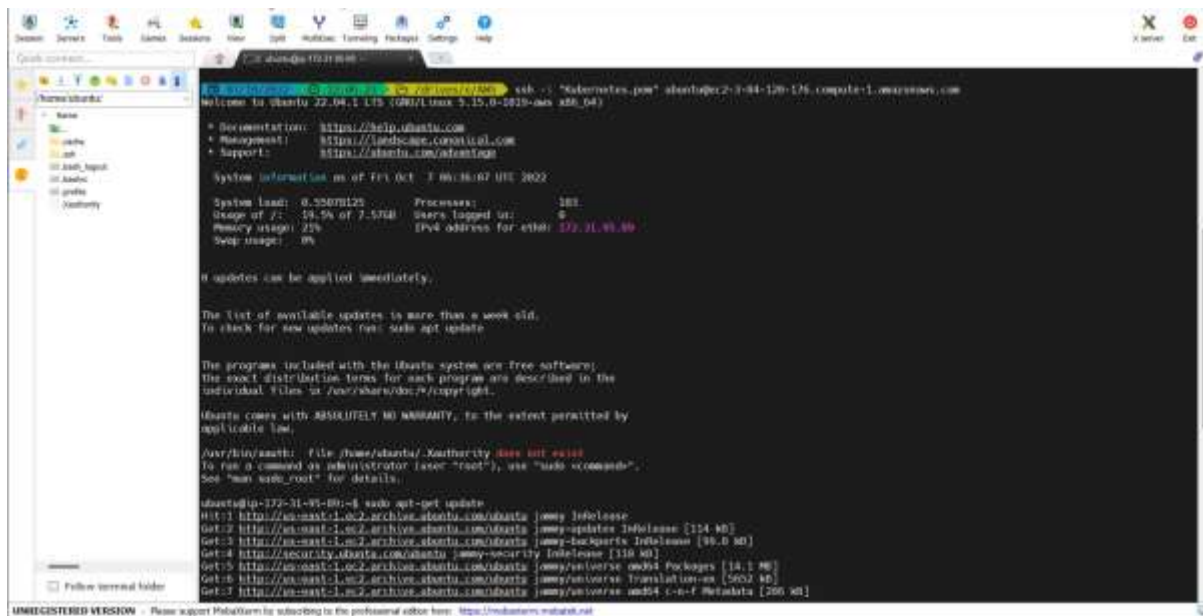
Then, you can join any number of worker nodes by running the following on each node:

kubeadm join 172.31.05.89:6443 --token B3xyjz.63qWyr1jxmtJtH \
--discovery-token-ca-cert-hash sha256:a6ab04e3d9495ad8bf4c2febd16d23d508b6d43b0ba412cf1f
ubuntu@ip-172-31-05-89:~$ 
ubuntu@ip-172-31-05-89:~$ mkdir -p $HOME/.kube
ubuntu@ip-172-31-05-89:~$ sudo cp -i /etc/kubernetes/admin.conf $HOME/.kube/config
ubuntu@ip-172-31-05-89:~$ sudo chown $(id -u):$(id -g) $HOME/.kube/config
ubuntu@ip-172-31-05-89:~$
```

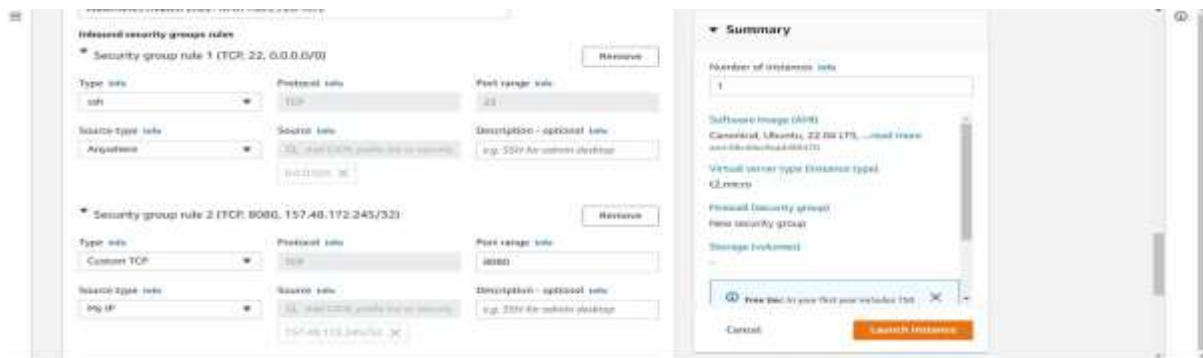
Follow terminal folder

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Moba X-term



Port number



Validate running pods

