kubernetes-centos7/install-docker-kube.sh

#!/bin/bash

# Cập nhật 12/2019

# Cai dat Docker

yum install -y yum-utils device-mapper-persistent-data lvm2

yum-config-manager --add-repo https://download.docker.com/linux/centos/docker-ce.repo

yum update -y && yum install docker-ce -y

usermod -aG docker $(whoami)

## Create /etc/docker directory.

mkdir /etc/docker

# Setup daemon.

cat > /etc/docker/daemon.json <<EOF

{

"exec-opts": ["native.cgroupdriver=systemd"],

"log-driver": "json-file",

"log-opts": {

"max-size": "100m"

},

"storage-driver": "overlay2",

"storage-opts": [

"overlay2.override\_kernel\_check=true"

]

}

EOF

mkdir -p /etc/systemd/system/docker.service.d

# Restart Docker

systemctl enable docker.service

systemctl daemon-reload

systemctl restart docker

# Tat SELinux

setenforce 0

sed -i --follow-symlinks 's/^SELINUX=enforcing/SELINUX=disabled/' /etc/sysconfig/selinux

# Tat Firewall

systemctl disable firewalld >/dev/null 2>&1

systemctl stop firewalld

# sysctl

cat >>/etc/sysctl.d/kubernetes.conf<<EOF

net.bridge.bridge-nf-call-ip6tables = 1

net.bridge.bridge-nf-call-iptables = 1

EOF

sysctl --system >/dev/null 2>&1

# Tat swap

sed -i '/swap/d' /etc/fstab

swapoff -a

# Add yum repo file for Kubernetes

cat >>/etc/yum.repos.d/kubernetes.repo<<EOF

[kubernetes]

name=Kubernetes

baseurl=https://packages.cloud.google.com/yum/repos/kubernetes-el7-x86\_64

enabled=1

gpgcheck=1

repo\_gpgcheck=1

gpgkey=https://packages.cloud.google.com/yum/doc/yum-key.gpg https://packages.cloud.google.com/yum/doc/rpm-package-key.gpg

EOF

yum install -y -q kubeadm kubelet kubectl

systemctl enable kubelet

systemctl start kubelet

# Configure NetworkManager before attempting to use Calico networking.

cat >>/etc/NetworkManager/conf.d/calico.conf<<EOF

[keyfile]

unmanaged-devices=interface-name:cali\*;interface-name:tunl\*

EOF

chmode +x install-docker-kube.sh