#!/bin/bash

echo "Script for juju openstack 2 node installation part 1(deploy)"

echo "===================================================="

echo "this script will install juju-gui, mysql, keystone, nova-cloud-controller, glace, rabbitmq, openstack-dashboared on given node"

controller\_deploy(){

echo "Enter JUJU node name :"

read no

juju deploy --to $no juju-gui

juju deploy --to lxc:$no --config openstack.yaml mysql

juju deploy --to lxc:$no --config openstack.yaml keystone

juju deploy --to lxc:$no --config openstack.yaml nova-cloud-controller

juju deploy --to lxc:$no --config openstack.yaml glance

juju deploy --to lxc:$no --config openstack.yaml rabbitmq-server

juju deploy --to lxc:$no --config openstack.yaml openstack-dashboard

echo "Please wait process will take 20-40 minits depending on internet speed"

echo "======================================================================"

}

echo "Do you wish continue?"

select yn4 in "Yes" "No"; do

case $yn4 in

Yes ) controller\_deploy; break;;

No ) break;;

esac

done

echo "Do you wish to install compute?"

select yn in "Yes" "No"; do

case $yn in

Yes )

echo "Do you wish to install on present node?"

select yn in "Yes" "No"; do

case $yn in

Yes ) read -p "enter node name:" n; echo "installing compute on $n"; juju deploy nova-compute --to $n --config openstack.yaml;break;;

No ) echo "installing nova-compute on new node";juju deploy --config openstack.yaml nova-compute;break;;

esac

done

break;;

No ) break;;

esac

done

add\_relations(){

echo "Script for juju openstack 2 node installation part 2"

echo "===================================================="

juju add-relation mysql keystone

juju add-relation nova-cloud-controller mysql

juju add-relation nova-cloud-controller rabbitmq-server

juju add-relation nova-cloud-controller glance

juju add-relation nova-cloud-controller keystone

juju add-relation nova-compute nova-cloud-controller

juju add-relation nova-compute mysql

juju add-relation nova-compute rabbitmq-server

juju add-relation nova-compute glance

juju add-relation glance mysql

juju add-relation glance keystone

#juju add-relation glance cinder

#juju add-relation mysql cinder

#juju add-relation cinder rabbitmq-server

#juju add-relation cinder nova-cloud-controller

#juju add-relation cinder keystone

juju add-relation openstack-dashboard keystone

juju add-relation glance rabbitmq-server

}

add\_neutron(){

echo "Do you wish to install neutron-gateway?"

select yn2 in "Yes" "No"; do

case $yn2 in

Yes )

echo "Do you wish to install on present node?"

select yn3 in "Yes" "No"; do

case $yn3 in

Yes ) read -p "enter node name:" n; echo "installing neutron-gateway on $n"; juju deploy neutron-gateway --to $n --config openstack.yaml;break;;

No ) echo "installing neutron gateway on new node"; juju deploy --config openstack.yaml neutron-gateway;

esac

done

break;;

No ) break;;

esac

done

echo "Enter JUJU node name for neutron-api:"

read no

juju deploy neutron-api --config openstack.yaml --to lxc:$no

juju deploy neutron-openvswitch

juju add-relation neutron-openvswitch:neutron-plugin nova-compute:neutron-plugin

juju add-relation neutron-openvswitch:amqp rabbitmq-server:amqp

juju add-relation neutron-openvswitch:neutron-plugin-api neutron-api:neutron-plugin-api

juju add-relation neutron-gateway nova-cloud-controller

juju add-relation neutron-gateway:neutron-plugin-api neutron-api:neutron-plugin-api

juju add-relation neutron-api keystone

juju add-relation neutron-api mysql

}

echo "Do you wish to install neutron?"

echo "This will install neutron-api, neutron-openvswitch, add relations"

select yn5 in "Yes" "No"; do

case $yn5 in

Yes ) add\_neutron; break;;

No ) break;;

esac

done

echo "Do you wish to add relations?"

select yn6 in "Yes" "No"; do

case $yn6 in

Yes ) add\_relations; break;;

No ) exit;;

esac

done