

KVM

1.

```
/usr/share/cloudstack-common/scripts/storage/secondary/cloud-install-sys-tmpl \
-m /storage/nfs/s \
-u http://download.cloudstack.org/systemvm/4.15/systemvmtemplate-4.15.1-
kvm.qcow2.bz2 \
-h kvm -F
```

2.

```
/usr/share/cloudstack-common/scripts/storage/secondary/cloud-install-sys-tmpl \
-m /export/secondary \
-f /root/systemvmtemplate-4.15.1-kvm.qcow2.bz2 \
-h kvm -F
```

```
cpu.overprovisioning.factor 2.0 //CPU
mem.overprovisioning.factor 2.0 //      2GB 4GB
secstorage.allowed.internal.sites 0.0.0.0/0 //      ISO ,      nginx
management.network.cidr 192.168.100.0/24 //
```

```
system.vm.use.local.storage      [set false to -> true\
ca.plugin.root.auth.strictness   [set true to -> false
secstorage.allowed.internal.sites [set value = 10.66.11.9(local server ip using
apache web server for download iso
```

```
host manager ip
cpu.overprovisioning.factor 2.0
mem.overprovisioning.factor 2.0
secstorage.allowed.internal.sites 0.0.0.0/0
```

KVM : VMs virtio Linux kernel versions 2.6.25 virtio

```
vim /etc/cloudstack/agent/agent.properties
guest.cpu.mode=host-model
host-model CPU
```

```
systemctl restart cloudstack-management
systemctl cloudstack-agent start
```

Log

```
tail -f /var/log/cloudstack/management/management-server.log
```

mysql

```
innodb_rollback_on_timeout=1
innodb_lock_wait_timeout=600
max_connections=350
log-bin=mysql-bin
binlog-format = 'ROW'
bind-address = 0.0.0.0
```

nfs Server

```
/export/primary *(rw,async,no_root_squash,no_subtree_check)
/sbin/rpc.statd --no-notify --port 662 --outgoing-port 2020
```

```
mount -t nfs 10.66.100.30:/export/secondary /mnt/secondary
```

```
cloudstack-setup-databases cloud:123456@localhost --deploy-as=root:12345
cloudstack-setup-management
```

Disable automatic upgrades and unnecessary packages:

```
apt-get remove --purge unattended-upgrades snapd cloud-init
```

Edit the files at /etc/apt/apt.conf.d/* with following

```
APT::Periodic::Update-Package-Lists "0";
```

```
APT::Periodic::Unattended-Upgrade "1";
```

Revision #19

Created 20 November 2021 13:00:09 by Epower

Updated 25 November 2021 14:51:51 by Epower