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- <https://docs.openstack.org/image-guide/create-images-manually.html>

## RHEL / CentOS

- [RHEL 8/9 VM Template Sealing](#)

OS 가 가 .

- ( )
- 

```
# dnf install -y cloud-utils-growpart cloud-init
```

- /etc/cloud/cloud.cfg 가

```
users: # 가
- default
disable_root: 1 # root
ssh_pwauth: 0 # ssh password
mount_default_fields: [~, ~, 'auto', 'defaults,nofail,x-
systemd.requires=cloud-init.service', '0', '2']
ssh_deletekeys: 1
ssh_genkeytypes: ['rsa', 'ecdsa', 'ed25519']
syslog_fix_perms: ~
disable_vmware_customization: false

cloud_init_modules:
- resolv-conf # resolv-conf 가
```

- /etc/sysconfig/network 가

```
NOZEROCONF=yes
```

- 

/etc/default/grub 가

```
GRUB_CMDLINE_LINUX_DEFAULT="console=tty0 console=ttyS0,115200n8"
```

```
# grub2-mkconfig -o /boot/grub2/grub.cfg
```

RHEL8

```
$ grubby --update-kernel=ALL --args="console=tty0 console=ttyS0,115200n8"
$ grub2-mkconfig -o /boot/grub2/grub.cfg
$ grubby --info DEFAULT
```

- /etc/sysconfig/network-scripts/ .
- Subscription .

```
# sudo subscription-manager register
# sudo subscription-manager attach --pool=Valid-Pool-Number-123456
# sudo subscription-manager repos --enable=rhel-7-server-rpms
```

- 가 shutdown
- sysprep

```
[root@host]# virt-sysprep -d < 가 >
```

- 

```
[root@host]# virt-sparsify --compress <가 > < >
```

- <https://docs.openstack.org/image-guide/openstack-images.html>
- [https://access.redhat.com/documentation/en-us/red\\_hat\\_enterprise\\_linux/8/html/configuring\\_and\\_managing\\_cloud-init\\_for\\_rhel\\_8](https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/8/html/configuring_and_managing_cloud-init_for_rhel_8)
- [https://access.redhat.com/documentation/en-us/red\\_hat\\_openshift\\_platform/16.2/html/instance\\_s\\_and\\_images\\_guide](https://access.redhat.com/documentation/en-us/red_hat_openshift_platform/16.2/html/instance_s_and_images_guide)

## Debian / Ubuntu

1.

```
truncate -s0 /etc/hostname
```

```
hostnamectl set-hostname localhost
```

## 2. netplan

```
rm /etc/netplan/50-cloud-init.yaml
```

## 3. machine-id

```
truncate -s0 /etc/machine-id  
rm /var/lib/dbus/machine-id  
ln -s /etc/machine-id /var/lib/dbus/machine-id
```

4. cloud-init clean  
clean  
가 VM . cloud-init

## 5. root

```
passwd -dl root
```

## 6. history

```
truncate -s0 ~/.bash_history  
history -c
```

## 7.

- 

/etc/default/grub 가

```
GRUB_CMDLINE_LINUX_DEFAULT="console=tty0 console=ttyS0,115200n8"
```

```
$ sudo update-grub  
#  
$ sudo grub-mkconfig -o /boot/grub/grub.cfg
```

## 8. VM shutdown -h now

- <https://docs.openstack.org/image-guide/ubuntu-image.html>

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- <https://medium.com/@dsykes012/making-a-custom-ubuntu-20-04-its-focal-fossa-vm-template-that-works-with-cloud-init-2cfff6783b4>

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