



Vendor: Red Hat

Exam Code: EX200

Exam Name: Red Hat Certified System Administrator –
RHCSA (v6 + v7)

Version: DEMO

Exam Times:

RHCSA: Two and a half hours.

Pass Scores:

Total 300 points. Pass at 210 points.

-----For v7 Exam-----

Password Crack

Re.break Solutions:

1. Enter "e" into kernel name on corresponding starting item at starting interface when start up;
2. After entering, find the place where linux16 starts, press "end" button to the end, enter into rd.break, pree ctrl+x to enter;
3. Mount the root to the /sysroot/ after entering into, and only have readonly permission; mount -o remount,rw /sysroot/, remount r,w permission;
4. chroot /sysroot/, change root, enter into "passwd", change password;
5. touch /.autorelabel is to make selinux take effect;
6. Exit then Reboot;

Init Steps:

1. Enter "e" into kernel name on corresponding starting item at starting interface when start up;
2. After entering, find the place where linux16 starts, locate to "ro",

```
linux16 /vmlinuz-3.10.0-123.el7.x86_64 root=UUID=1e1ea8c1-5d1c-45fe-ab5d-09ea7a7f1299 ro rd.lvm.lv=centos/swap vconsole.font=latarcyrheb-sun16 rd.lvm.lv=centos/root crashkernel=auto vconsole.keymap=us rhgb quiet LANG=en_US.UTF-8
```

change ro to "rw init=/sysroot/bin/sh", press "Ctrl+x" after finishing;

```
linux16 /vmlinuz-3.10.0-123.el7.x86_64 root=UUID=1e1ea8c1-5d1c-45fe-ab5d-09ea7a7f1299 rw init=/sysroot/bin/sh rd.lvm.lv=centos/swap vconsole.font=latarcyrheb-sun16 rd.lvm.lv=centos/root crashkernel=auto vconsole.keymap=us rhgb quiet LANG=en_US.UTF-8
```

Mount the root to the /sysroot/ after entering into, and already has r,w permission;

```
chroot /sysroot/  
passwd root  
touch /.autorelabel  
exit  
reboot
```

Complete password modification, attention that this is a password modification of your virtual machine for examination, rather than the physical machine password;

Graphical Interface Installation:

If you can not start the graphics in startx, can install:

```
yum -y install xorg*
yum -y install gnome*
yum -y install glx*
startx or init 5
```

About IP Address Settings:

Please check other exam questions to see the IP Address information and the host name information of the Virtual Machine should be set.

Modify the host name:

```
hostnamectl set-hostname station.domain11.example.com
nmcli connection modify eno16777736 ipv4.method manual
nmcli connection modify eno16777736 ipv4.addresses '172.24.11.10/24
172.24.11.254'
nmcli connection modify eno16777736 ipv4.dns '172.24.11.250'
nmcli connection up eno16777736
nmcli con show eno16777736 | grep ipv4
host server.domain11.example.com
route -n
```

IP Address also can be modified by using graphical Interface nm-connection-editor

Start Exam after completing modification of the above information.

Configure SELINUX to make it work in enforcing mode

Solutions:

```
getenforce // view mode
setenforce 1 // set to enforcing mode
vim /etc/selinux/config // permanent modification
selinux=enforcing
: wq
```

Restart

Then use the sestatus to view

1. Configure a default software repository for your system

One YUM has already provided to configure your system on

http://server.domain11.example.com/pub/x86_64/Server, and can be used normally.

Solutions:

Yum-config-mannager --add-repo=<http://content.example.com/rhel7.0/x86-64/dvd>” is to

generate a file `vim content.example.com_rhel7.0_x86_64_dvd.repo`,

Add a line `gpgcheck=0`

```
Yum clean all
```

```
Yum repolist
```

Almost 4305 packages are right, Wrong Yum Configuration will lead to some following questions cannot be worked out.