QUESTION 49
A systems administrator configured a new kernel module, but it stopped working after reboot. Which of the following will allow the systems administrator to check for module problems during server startup?

A. lsmod
B. modprobe
C. modinfo
D. dmesg

Correct Answer: C

QUESTION 50
A junior administrator is migrating a virtual machine from a Type 1 hypervisor to a Type 2 hypervisor. To ensure portability, which of the following formats should the administrator export from the Type 1 hypervisor to ensure compatibility?

A. OWASP
B. VDI
C. VMDK
D. OVA

Correct Answer: D

QUESTION 51
Ann, a junior systems administrator, is required to add a line to the /etc/yum.conf file. However, she receives the following error message when she tries to add the line:

```
root@comptia:~# echo "line" > /etc/yum.conf

-su: /etc/yum.conf: Operation not permitted
```

Ann performs some diagnostics to attempt to find the root cause:

```
root@comptia:~# ls -l /etc/yum.conf

-rw-r—r—1 root root 970 Jan 30 2018 /etc/yum.conf


root@comptia:~# lsattr /etc/yum.conf

----i--------e-- /etc/yum.conf


root@comptia:~# df -i /etc/yum/conf

Filesystem    Inodes    IUsed    IFree    IUse%   Mounted on

/dev/sda1    524288    192861   331427   37%     /
```

Which of the following commands should Ann execute to write content to /etc/yum?

A. chmod 755 /etc/yum.conf
B. setfacl -m m:rw /etc/yum.conf
C. chattr -I /etc/yum.conf
D. setenforce 0

Correct Answer: C

QUESTION 52
Which of the following is modified to reconfigure the boot environment?

A. grub-mkconfig
B. grub.cfg
C. update-grub
D. grub2-mkconfig

Correct Answer: C

QUESTION 53
A Linux server has multiple IPs. A Linux administrator needs to verify if the HTTP server port is bound to the correct IP. Which of the following commands would BEST accomplish this task?

A. route
B. host
C. nslookup
D. netstat
E. ip

Correct Answer: D

QUESTION 54
A Linux administrator wants to fetch a Git repository from a remote Git server. Which of the following is the BEST command to perform this task?

A. git checkout
B. git clone
C. git merge
D. git config

Correct Answer: B

QUESTION 55
Which of the following server roles would assign a host IP address?

A. DHCP
B. NTP
C. DNS
D. SSH

Correct Answer: A

QUESTION 56
A system administrator has deployed a Linux server based on an Anaconda process with all packages and custom configurations necessary to install a web server role. Which of the following could be used to install more Linux servers with the same characteristics?

A. /etc/sysconfig/anaconda/cfg
B. /root/anaconda.auto
C. /root/anaconda-ks.cfg
D. /etc/sysconfig/installation.cfg

Correct Answer: C

QUESTION 57
While creating a file on a volume, the Linux administrator receives the following message: No space left on device. Running the df -m command, the administrator notes there is still 50% of usage left. Which of the following is the NEXT step the administrator should take to analyze the issue without losing data?

A. Run the df -i command and notice the inode exhaustion
B. Run the df -h command and notice the space exhaustion
C. Run the df -B command and notice the block size
D. Run the df -k command and notice the storage exhaustion

Correct Answer: A

QUESTION 58
A junior Linux administrator is installing a new application with CPU architecture requirements that have the following specifications:

▪ x64 bit
▪ 3.0GHz speed
▪ Minimum quad core

The administrator wants to leverage existing equipment but is unsure whether the requirements of these systems are adequate. The administrator issues the following command cat/proc/cpuinfo. The output of the command is as follows:

```
processor:      0
vendor_id:      GenuineIntel
cpu_family:     x64
model:          58
model name:     Intel (R) Core(TM) i7-3687U @2.10 GHz
stepping:       9
microcode:      0x1c
cpu MHz:        2593.84
cache size:     4096KB
siblings:       1
core id:        0
cpd cores:      4
```

Which of the following is the recommended course of action the administrator should take based on this output?

A. Install the application, as the system meets the application requirements
B. Procure new equipment that matches the recommended specifications
C. Recompile the Linux kernel to support the installation.
D. Reconfigure lib modules to support the new application.

Correct Answer: B

QUESTION 59
Ann, a junior Linux administrator, needs to copy software from her local machine to assist in developing a software application on a remote machine with the IP address 192.168.3.22. The file needs to be placed on the /tmp directory. After downloading the RPM to the local machine, which of the following commands would be BEST to use to copy the software?

A. scp ~/software.rpm USER@192.168.3.22:/tmp
B. scp ~/software.rpm USER@192.168.3.22: /tmp
C. wget USER@192.168.3.22:/tmp -f ~/software.rpm
D. scp USER@192.168.3.22 ~/software.rpm :/tmp

Correct Answer: C

QUESTION 60
A technician wants to secure a sensitive workstation by ensuring network traffic is kept within the local subnet. To accomplish this task, the technician executes the following command:

echo 0 > /proc/sys/net/ipv4/ip_default_ttl

Which of the following commands can the technician use to confirm the expected results? (Choose two.)

A. tcpdump
B. traceroute
C. route
D. iperf
E. ip
F. arp

Correct Answer: CF

QUESTION 61
Which of the following configuration files should be modified to disable Ctrl-Alt-Del in Linux?

A. /etc/inittab
B. ~/.bash_profile
C. /etc/securetty
D. /etc/security/limits.conf

Correct Answer: A

QUESTION 62
A Linux administrator needs every new file created on a directory to maintain the group permissions of the same directory. Which of the following commands would satisfy this requirement?

A. chmod o+s <directory>
B. chmod u+s <directory>
C. chmod +s <directory>
D. chmod g+s <directory>

Correct Answer: D

QUESTION 63
A junior Linux administrator is updating local name resolution to support IPv6. The administrator issues the command cat /etc/hosts and receives the following output:

127.0.0.1 localhost

Which of the following actions should the administrator perform to accomplish this task?

A. Modify the /etc/hosts file, and add the ipv6 localhost entry to the file.
B. Modify the /etc/hosts file, and add the ::1 localhost entry to the file.
C. Modify the /etc/hosts file, and add the ipv4 localhost entry to the file.
D. Modify the /etc/hosts file, and add the 0.0.0.0 localhost entry to the file.

Correct Answer: D