



Dashboard » Information Assurance » Campus Ho Chi Minh »

Open source platform and Network administration - OSP201 » OSP201 - Shared » IA1404 - Summer 2020 » Review

Started on Friday, 31 July 2020, 8:43 PM

State Finished

Completed on Friday, 31 July 2020, 9:01 PM

Time taken 18 mins 21 secs

Marks 17.00/35.00

Grade 4.86 out of 10.00 (49%)

Question **1**

Complete

Mark 1.00 out of
1.00

What configuration file is used to configure ACLs for a filesystem?

Select one:

- ☐ a. /etc/pam.d/acl
- ☐ b. /etc/filesystems
- ☒ c. /etc/fstab
- ☐ d. /etc/acl

The correct answer is: /etc/fstab

Question **2**

Complete

Mark 1.00 out of
1.00

AppArmor and SELinux are used to implement which of the following?

Select one:

- ☐ a. Password protection
- ☐ b. File sharing
- ☒ c. Mandatory access controls
- ☐ d. Lattice-based access controls

The correct answer is: Mandatory access controls

Question **3**

Complete

Mark 0.00 out of
1.00

Which utility would you use to add or remove packages on a Debian or Ubuntu system?

Select one:

- ☒ a. Yum
- ☐ b. Apt-get
- ☐ c. Apt-cache
- ☐ d. Bin

The correct answer is: Apt-get

Question **4**

Complete

Mark 0.00 out of
1.00

What might services implement to provide better protection from remote attacks?

Select one:

- ☐ a. Access control lists
- ☒ b. Firewall-lib
- ☐ c. initd
- ☐ d. Systemctl

The correct answer is: Access control lists

Question **5**

Complete

Mark 0.00 out of
1.00

Which of the following library files is associated with TCP Wrapper?

Select one:

- ☒ a. /var/lib/libwrap.so.0
- ☐ b. /usr/lib/libwrap.so.0
- ☐ c. /etc/libwrap.so.0
- ☐ d. /lib/libwrap.so.0

The correct answer is: /lib/libwrap.so.0

Question **6**

Complete

Mark 0.00 out of
1.00

Which of the following actions is not used with the -J switch for the iptables command?

Select one:

- ☐ a. None of the mentiond.
- ☒ b. FORWARD
- ☐ c. LOG
- ☐ d. REJECT
- ☐ e. DROP

The correct answer is: None of the mentiond.

Question **7**

Complete

Mark 0.00 out of
1.00

Which of the following commands lists the SELinux characteristics of a file?

Select one:

- ☐ a. ls filename
- ☐ b. ls -Z filename
- ☒ c. ls -SE filename
- ☐ d. ls -l filename

The correct answer is: ls -Z filename

Question **8**

Complete

Mark 0.00 out of
1.00

In what file on a remote system would you copy an SSH public key?

Select one:

- ☐ a. .ssh/id_rsa.pub
- ☐ b. .ssh/authorized_keys
- ☐ c. .ssh/id_authorized.pub
- ☒ d. .ssh/id_dsa.pub

The correct answer is: .ssh/authorized_keys

Question **9**

Complete

Mark 0.00 out of
1.00

Which of the following authentication systems is NOT normally configured with RADIUS?

Select one:

- ☐ a. CHAP
- ☐ b. PAP
- ☐ c. None of the mentioned.
- ☒ d. EAP
- ☐ e. Point to point protocol

The correct answer is: Point to point protocol

Question **10**

Complete

Mark 0.00 out of
1.00

Which of the following services is not part of the LAMP stack?

Select one:

- ☒ a. Apache
- ☐ b. MySQL
- ☐ c. Linux
- ☐ d. Postfix

The correct answer is: Postfix

Question **11**

Complete

Mark 1.00 out of
1.00

Name the section of the kernel configuration tool related to formats such as ext2 and ext3.

Select one:

- ☐ a. Device Drivers
- ☐ b. Security Features
- ☐ c. Networking
- ☒ d. Filesystems

The correct answer is: Filesystems

Question **12**

Complete

Mark 1.00 out of 1.00

Which of the following kernel options is not related to mandatory access controls?

Select one:

- ☐ a. TOMOYO
- ☒ b. Cryptographic API
- ☐ c. SELinux
- ☐ d. AppArmor

The correct answer is: Cryptographic API

Question **13**

Complete

Mark 1.00 out of 1.00

Which of the following directives in `/etc/sysctl.conf` should be set to 0 to deactivate routing on the local system?

Select one:

- ☒ a. `net.ipv4.ip_forward`
- ☐ b. `net.sys.ipv4.ip_source`
- ☐ c. `net.ipv4.ip_routing`
- ☐ d. `net.sys.ipv4.ip_route`

The correct answer is: `net.ipv4.ip_forward`

Question **14**

Complete

Mark 1.00 out of 1.00

In what configuration file can you customize the filename of the compiled kernel?

Select one:

- ☐ a. `.config`
- ☒ b. `Makefile`
- ☐ c. `config-`uname -r``
- ☐ d. `make`

The correct answer is: `Makefile`

Question **15**

Complete

Mark 1.00 out of
1.00

Which of the following options supports remote updates from a Web-based interface?

Select one:

- ☐ a. Install security updates automatically
- ☒ b. Manage system with Landscape
- ☐ c. No automatic updates
- ☐ d. Minimal installation

The correct answer is: Manage system with Landscape

Question **16**

Complete

Mark 0.00 out of
1.00

Which of the following directories is normally not appropriate as a read-only filesystem?

Select one:

- ☒ a. /root/
- ☐ b. /sbin/
- ☐ c. /boot/
- ☐ d. /home/

The correct answer is: /home/

Question **17**

Complete

Mark 1.00 out of
1.00

Which of the following log priorities provides the most important messages?

Select one:

- ☒ a. err
- ☐ b. notice
- ☐ c. info
- ☐ d. debug

The correct answer is: err

Question **18**

Complete

Mark 1.00 out of 1.00

Which of the following modules is associated with system logging in an rsyslog configuration file?

Select one:

- ☐ a. imtcp
- ☒ b. imuxsock
- ☐ c. imklog
- ☐ d. imudp

The correct answer is: imuxsock

Question **19**

Complete

Mark 0.00 out of 1.00

Which of the following commands can best collect information on the activity on a system?

Select one:

- ☒ a. vmtat
- ☐ b. free
- ☐ c. sar
- ☐ d. top

The correct answer is: sar

Question **20**

Complete

Mark 0.00 out of 1.00

Which of the following configuration files includes Tripwire configuration policies in a human-readable format?

Select one:

- ☐ a. twpol.txt
- ☒ b. tw.cfg
- ☐ c. twcfg.txt
- ☐ d. twpol.enc

The correct answer is: twpol.txt

Question **21**

Complete

Mark 1.00 out of 1.00

Which of the following commands can help you discover the active hosts on the 192.168.0.0/24 network?

Select one:

- ☐ a. nmap -sH 192.168.0.0/24
- ☐ b. nmap -sK 192.168.0.0/24
- ☐ c. nmap -sP 192.168.0.x/24
- ☒ d. None of the mentioned.
- ☐ e. nmap -sh 192.168.0.0/24
- ☐ f. All of the mentioned.

The correct answer is: nmap -sP 192.168.0.x/24

Question **22**

Complete

Mark 1.00 out of 1.00

What is the full path to the PAM configuration file that regulates password settings on a Linux system?

Select one:

- ☒ a. /etc/pam.d/common-password
- ☐ b. /etc/common-auth
- ☐ c. /etc/init.d/pam/conf
- ☐ d. /etc/passwd

The correct answer is: /etc/pam.d/common-password

Question **23**

Complete

Mark 1.00 out of 1.00

Which of the following commands sets a last password change date of April 1, 2015, for user michael?

Select one:

- ☐ a. chage -c 2015-04-01
- ☒ b. chage -d 2015-04-01
- ☐ c. chage -l 2015-04-01
- ☐ d. chage -E 2015-04-01

The correct answer is: chage -d 2015-04-01

Question **24**

Complete

Mark 0.00 out of
1.00

Which of the following file extensions is not associated with software packages?

Select one:

- ☒ a. .tar.gz
- ☐ b. .odd
- ☐ c. .rpm
- ☐ d. .deb
- ☐ e. None of the mentioned.

The correct answer is: .odd

Question **25**

Complete

Mark 0.00 out of
1.00

Which of the following files is most likely to change when a system is powered down?

Select one:

- ☐ a. /etc/mtab
- ☒ b. /boot/grub/menu.lst
- ☐ c. /etc/fstab
- ☐ d. /etc/crontab

The correct answer is: /etc/mtab

Question **26**

Complete

Mark 0.00 out of
1.00

Which of the following commands is least useful for recovering data from a live system?

Select one:

- ☐ a. nc
- ☒ b. cat
- ☐ c. vi
- ☐ d. dmesg

The correct answer is: vi

Question **27**

Complete

Mark 0.00 out of
1.00

What command can be used to duplicate the contents of a partition by its device file?

Select one:

- ☐ a. rsync
- ☐ b. Copy
- ☒ c. backup
- ☐ d. dd

The correct answer is: dd

Question **28**

Complete

Mark 1.00 out of
1.00

Which of the following commands does not include free space in the duplication process?

Select one:

- ☐ a. dd
- ☐ b. icat
- ☒ c. rsync
- ☐ d. dd_rescue

The correct answer is: rsync

Question **29**

Complete

Mark 0.00 out of
1.00

Which of the following should be considered for inclusion when developing a process for updating packages on your system?

Select one:

- ☐ a. AIDE
- ☐ b. PostgreSQL
- ☐ c. MySQL
- ☒ d. LDAP

The correct answer is: AIDE

Question **30**

Complete

Mark 1.00 out of
1.00

Which of the following distributions normally provides security updates for the longest period of time?

Select one:

- ☐ a. Fedora
- ☐ b. Kubuntu
- ☒ c. RHEL
- ☐ d. Ubuntu LTS

The correct answer is: RHEL

Question **31**

Complete

Mark 1.00 out of
1.00

If you wanted to implement mandatory access controls on your Linux system, which of the following would you install?

Select one:

- ☐ a. Coreutils
- ☐ b. firewalld
- ☐ c. nmap
- ☒ d. SELinux

The correct answer is: SELinux

Question **32**

Complete

Mark 1.00 out of
1.00

User id 0 is

Select one:

- ☐ a. The id of a user when the user's account is deleted.
- ☐ b. None of the mentioned.
- ☒ c. The id of the super user.
- ☐ d. An invalid user id.

The correct answer is: The id of the super user.

Question **33**

Complete

Mark 1.00 out of
1.00

What does permission 641 (octal) mean?

Select one:

- ☐ a. Owner can read, write and execute; group can read and write; other can read
- ☐ b. Owner can read and write; group can read; other can read.
- ☒ c. None of the mentioned.
- ☐ d. Owner can read and write; group can write; other can read.
- ☐ e. Owner can read and write; group can write and execute; other can read.
- ☐ f. Owner can read and execute; group can read and write; other can execute

The correct answer is: None of the mentioned.

Question **34**

Complete

Mark 0.00 out of
1.00

Which file contains a list of currently mounted file systems?

Select one:

- ☒ a. /mnt
- ☐ b. /etc/fstab
- ☐ c. /etc/tab
- ☐ d. None of the mentioned.
- ☐ e. /etc/proc/

The correct answer is: None of the mentioned.

Question **35**

Complete

Mark 0.00 out of
1.00

Which firewall is most commonly used on Linux?

Select one:

- ☐ a. ipfw
- ☐ b. ipchains
- ☐ c. pf
- ☒ d. iptables
- ☐ e. None of the mentioned.

The correct answer is: None of the mentioned.



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