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Introduction to Linux II – Chapter 18 Exam Answers 2019 + PDF file

1. **Which super server has replaced *inetd*?**
   - *ninetd*
   - *inet*
   - ***xinetd***
   - *inetdver2*

2. **What is the main feature of a super server?**
   - Run as a background process and initiate TCP connections to other hosts
   - **Run as a master process and listen for incoming TCP connections and then start the required process**
   - Run as a master process and service incoming TCP connections
   - Run as a foreground process and initiate TCP connections to other hosts

3. **The *inetd* daemon will automatically reload the configuration file if it is modified.**
   True or False?
   - True
   - **False**

4. **The *inetd* and *xinetd* daemons can run simultaneously on a system.**
   True or False?
   - True
   - **False**

5. **What method is used to apply TCP Wrappers to a network service?**
   - **Compile using the */usr/lib/libwrap.a* library**
   - Add entries of the service to the */etc/tcpwrap.conf* file
   - Add the */usr/lib/libwrap.a* library to the */etc/xinet.d* directory
   - Add the */usr/lib/libwrap.a* file to the service's directory

6. **You are using a server with two NICs, *eth0* and *eth1*. You want to configure TCP Wrappers for using the telnet service on *eth1* only in the *hosts.allow* file, this can be done by specifying ____:**
   - *telnetd:192.168.0.254: 192.168.0.0/24*
   - *telnetd[192.168.0.254]: 192.168.0.0/24*
   - ***telnetd@192.168.0.254: 192.168.0.0/24***
   - *telnetd(192.168.0.254): 192.168.0.0/24*

7. **Which command is used to verify if a program is compiled with TCP Wrappers?**

   - make
   - nm
   - gcc
   - **ldd**

8. **How is the default run level defined?**

   - *initdefault:3*
   - *id:3: defaultinit:*
   - *runlevel:3:initdefault:*
   - ***id:3:initdefault:***

9. **What does the */etc/init.d* directory contain?**

   - **Scripts for the different run levels**
   - Scripts for initialization
   - Scripts for the default run level
   - Scripts for network services

10. **Which of the following is not a valid option for the scripts in the */etc/init.d* directory?**

    - stop
    - **query**
    - start
    - restart

11. **Which file is used to verify the services specified in the *inetd* configuration?**

    - */etc/inet.d/services*
    - */etc/net/services*
    - */etc/inetd/services*
    - ***/etc/services***

12. **Which of the following is not a criteria for defining access control using *xinetd*?**

    - Time of Day
    - Host Addresses
    - System Utilization
    - **Network Traffic**

13. **The configuration files of *inetd* and *xinetd* are identical and can be used interchangeably.**

    True or False?

    - True
    - **False**

14. **What does, *sshd: ALL*, specified in the *hosts.deny* file indicate?**

- Allow SSH connection from all hosts
- **Prevent SSH connection from all hosts**
- Prevent all connections other than SSH
- Prevent SSH connections from all hosts on this subnet

15. **It is possible to specify the address of a subnet in the *hosts.allow* and *hosts.deny* files.**

    True or False?

    - **True**
    - False

16. **The */etc/nologin* file is used to prevent all users from logging on to the system.**

    True or False?

    - True
    - **False**

17. **What is the PID of the *init* process?**

    - 0
    - 11
    - **1**
    - 111

18. **For configuring *inetd*, the files _____ are used:**

    - */etc/inet.conf* or separate files for each service in the */etc/inetd.d* directory
    - */etc/inet.conf* or separate files for each service in the */etc/inetd.d* directory
    - */etc/inetd.conf* or separate files for each service in the */etc/net/inetd.d* directory
    - ***/etc/inetd.conf* or separate files for each service in the */etc/inetd.d* directory**

19. **A host does not have an entry in either *hosts.allow* or *hosts.deny*. How does TCP Wrappers handle a request originating from this host?**

    - **Request forwarded to the service**
    - Request dropped and service intimated
    - Request turned down and error logged
    - Request dropped

20. **Which file specifies the processes to be started during boot time?**

    - */etc/proc/inittab*
    - */etc/init.d/inittab*
    - ***/etc/inittab***
    - */etc/initproc*

21. **What does the command,** init 6**, do?**

    - Open the */etc/inittab* file for editing
    - **Restart the system**

- Restart the system in single user mode
- Shutdown the system

22. **The two files used by TCP Wrappers to control access are _____:**
    - */etc/xinet.d/hosts.allow* and */etc/xinet.d/hosts.deny*
    - ***/etc/hosts.allow* and */etc/hosts.deny***
    - */etc/hosts_tcp.allow* and */etc/hosts_tcp.deny*
    - */xinet.d/hosts.allow* and */xinet.d/hosts.deny*

23. **Which of the following scenarios do not require the use of the */etc/nologin* file?**
    - Installing a Linux patch
    - Installing an Oracle Patch
    - Adding a new disk
    - **Monitoring the system's disk usage**

24. **What happens when you login to a host using telnet?**
    - **The *inetd* server receives the request on port 23 and starts *telnetd* to service this connection**
    - The *telnetd* server receives the request on port 23 and starts *inetd* to service this connection
    - The *telnetd* server receives the request on port 23 and services it
    - The *inetd* server receives the request on port 23 and services it

25. **Which of the following is not a keyword used to specify the host in the *hosts.allow* and *hosts.deny* files?**
    - PARANOID
    - KNOWN
    - **EXTERN**
    - UNKNOWN

26. **What happens to the service request received by TCP Wrappers if the hosts.allow and hosts.deny files do not permit connection?**
    - Forward the request to the requested service and log a warning
    - Recheck the files for connection 2 more times
    - **Drop the packet and log a message**
    - Ignore the packet and continue with the next request

27. **You are currently running the server at run level 3, you need to allow users access to X server applications for several days. Which run level should you switch to?**
    - Run level 4
    - Run level 1
    - Run level 6

- **Run level 5**

28. **You had initially added some hosts in the *hosts.deny* file to prevent access to FTP.**
   You remove those hosts now because you need to grant them FTP access. How do
   you restart TCP Wrappers?

   - ftpd restart
   - /etc/networking restart
   - **Restart of any service is not required**
   - tcp_wrappers restart

29. **What does the following snippet in the *xinetd* configuration file indicate?**

```
service telnet

{

disable = yes ….
```

   - The telnet service will be enabled when *xinetd* starts
   - The telnet service is disabled and will be enabled when *xinetd* restarts
   - The telnet service is enabled
   - **The telnet service is disabled**