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QUESTION & ANSWER

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Exam : **GSEC**

Title : GIAC Security Essentials Certification

Version : Demo

1.Which of the following is NOT the feature of SELinux in the Red Hat enterprise Linux?
A. SELinux does not provide Kernel-level security.
B. All process and files have a context.
C. SELinux implements Mandatory Access Control (MAC) security in Red Hat Enterprise Linux.
D. SELinux applies to all users, including root.
Answer: A

2.You have been hired by the company to upgrade its existing Windows NT 4.0 network to a Windows 2000 based network. In the past, the company's support group has faced difficult time because users changed the configuration of their workstations. Which of the following features of the Active Directory would best justify the move to the Windows 2000 network.?
A. Dynamic domain name system (DDNS)
B. Organizational unit (OU)
C. Dynamic host configuration protocol (DHCP)
D. Group policy object (GPO)
Answer: D

3.Which of the following devices connects two segments of the same local area network (LAN) but keeps traffic separate on the two segments?
A. Hub
B. Modem
C. Bridge
D. Switch
Answer: C

4.You work as a Network Administrator for McRoberts Inc. The company has a Linux-based network. You have created a script named lf.cgi. You want to provide the following permissions on it:
rwsr-sr-- Which of the following commands will you execute?
A. chmod 2754
B. chmod 6754
C. chmod 7754
D. chmod 4754
Answer: B

5.Which of the following records is the first entry in a DNS database file?
A. SOA
B. SRV
C. CNAME
D. MX
Answer: A

6.Which of the following terms describes software technologies that improve portability, manageability and compatibility of applications by encapsulating them from the underlying operating system on which they are executed?

A. Application virtualization
B. Encapsulation
C. System hardening
D. Failover
Answer: A

7.Which of the following frequencies are used by wireless standard 802.11n to operate? Each correct answer represents a complete solution. Choose two.
A. 1 Ghz
B. 2 Ghz
C. 2.4 Ghz
D. 5 Ghz
Answer: C, D

8.What is the maximum cable segment length supported by a 10BaseT network?
A. 100 meters
B. 300 meters
C. 250 meters
D. 500 meters
E. 150 meters
Answer: A

9.Mark works as a Network Administrator for NetTech Inc. The company has a Windows 2003 domain-based network. The company has two offices in different cities. The offices are connected through the Internet. Both offices have a Windows 2003 server named SERV1 and SERV2 respectively. Mark is required to create a secure connection between both offices. He configures a VPN connection between the offices using the two servers. He uses L2TP for VPN and also configures an IPSec tunnel. Which of the following will he achieve with this configuration?
Each correct answer represents a part of the solution. Choose two.
A. Encryption for the local files stored on the two servers
B. Highest possible encryption for traffic between the offices
C. Mutual authentication between the two servers
D. Extra bandwidth on the Internet connection
Answer: B, C

10.You have a customer who wants to put wireless internet in his remote cabin. The cabin is many miles from any other building with internet connectivity or access points. What should you recommend?
A. DSL
B. FIOS connection
C. Satellite internet
D. Microwave connection
Answer: C

11.Which of the following terms refers to manual assignment of IP addresses to computers and devices?

A. Static IP addressing
B. Spoofing
C. APIPA
D. Dynamic IP addressing
Answer: A

12.Which of the following statements regarding Secure Sockets Layer (SSL) are true? Each correct answer represents a complete solution. Choose all that apply.
A. SSL provides message integrity to prevent alteration to the message.
B. During SSL session, information is encrypted to prevent unauthorized disclosure.
C. SSL can process credit cards.
D. SSL can support 128-bit encryption.
Answer: A,B,D

13.Which of the following protocols multicasts messages and information among all member devices in an IP multicast group?
A. IGMP
B. TCP
C. ARP
D. ICMP
Answer: A

14.Which of the following is not an encryption technology?
A. Blowfish
B. KILL
C. 3DES
D. MD5
Answer: B

15.Which of the following statements about the availability concept of Information security management is true?
A. It ensures reliable and timely access to resources.
B. It determines actions and behaviors of a single individual within a system.
C. It ensures that unauthorized modifications are not made to data by authorized personnel or processes.
D. It ensures that modifications are not made to data by unauthorized personnel or processes.
Answer: A

16.You work as a Network Administrator for Perfect World Inc. You are configuring a network that will include 1000BaseT network interface cards in servers and client computers. What is the maximum segment length that a 1000BaseT network supports?
A. 100 meters
B. 480 meters
C. 1000 meters
D. 10 meters

Answer: A

17.The /cat/etc/passwd file on a client computer contains the following entry: Martha:x:::::bin/false
Which of the following is true for Martha?
A. Martha's password is x.
B. Martha has full access on the computer.
C. Martha has limited access on the computer.
D. Martha has been denied access on the computer.
Answer: D

18.Which of the following terms is synonymous with the willful destruction of another person's property?
A. Spoofing
B. Hacking
C. Phishing
D. Vandalism
Answer: D

19.Which of the following is used to implement a procedure to control inbound and outbound traffic on a network?
A. Cookies
B. Sam Spade
C. NIDS
D. ACL
Answer: D

20.John works as a Network Administrator for Perfect Solutions Inc. The company has a Linux-based network. John is working as a root user on the Linux operating system. He executes the following command in the terminal:
echo $USER, $UID
Which of the following will be displayed as the correct output of the above command?
A. root, 500
B. root, 0
C. John, 502
D. John, 0
Answer: B

21.Which of the following is a security threat if included in the search path of a computer?
A. /usr
B. /sbin
C. .
D. /usr/bin
Answer: C

22.Which of the following directories contains the log files in Linux?

A. /log
B. /root
C. /var/log
D. /etc
Answer: C

23.Which of the following statements are true about satellite broadband Internet access? Each correct answer represents a complete solution. Choose two.
A. It is among the least expensive way of gaining broadband Internet access.
B. It is among the most expensive way of gaining broadband Internet access.
C. This type of internet access has low latency compared to other broadband services.
D. This type of internet access has high latency compared to other broadband services.
Answer: B, D

24.You want to temporarily change your primary group to another group of which you are a member. In this process, a new shell will be created, and when you exit the shell, your previous group will be reinstated. Which of the following commands will you use to accomplish this task?
A. newgrp
B. chgrp
C. chown
D. chmod
Answer: A

25.Rick works as a Network Administrator. He is configuring the systems for maximum security. Before using the security template, he wants to edit it to change some of the security settings that are not required for now. Which of the following tools will he choose, to edit the security template?
A. Group Policy MMC snap-in
B. Security Configuration and Analysis MMC snap-in
C. Security Templates MMC snap-in
D. SECEDIT utility
Answer: C

26.Which of the following enables an inventor to legally enforce his right to exclude others from using his invention?
A. Patent
B. Artistic license
C. Phishing
D. Spam
Answer: A

27.Which of the following ports is the default port for IMAP4 protocol?
A. TCP port 443
B. TCP port 143
C. TCP port 25

D. TCP port 80
Answer: B

28.You work as a Network Administrator for Tech Perfect Inc. The company has a Linux-based network. You have configured a VPN server for remote users to connect to the company's network. Which of the following encryption types will Linux use?
A. MSCHAP
B. RC2
C. 3DES
D. CHAP
Answer: C

29.You work as a Linux Technician for Tech Perfect Inc. You want to protect your server from intruders who exploit services that are started with TCP Wrappers. Which of the following files will help you protect the server?
Each correct answer represents a part of the solution. Choose two.
A. httpd.conf
B. lilo.conf
C. hosts.deny
D. hosts.allow
Answer: C, D

30.Which of the following statements about service pack are true? Each correct answer represents a complete solution. Choose two.
A. It is a collection of Fixes and Patches in a single product.
B. It is a medium by which product updates are distributed.
C. It is a term generally related to security problems in a software.
D. It is a term used for securing an operating system.
Answer: A,B