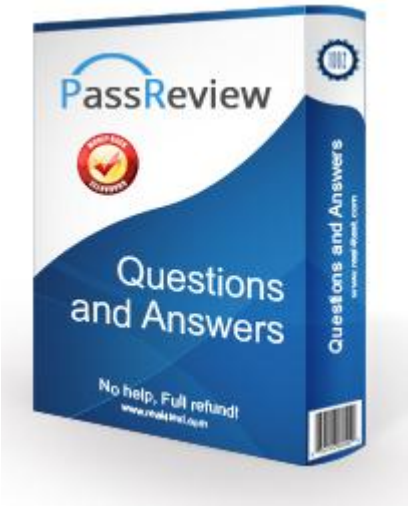
PassReview



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PassReview - IT Certification Exams Pass Review

Exam : **GSEC**

Title : GIAC Security Essentials Certification

Vendor : GIAC

Version : DEMO

NO.1 Which of the following applications would be BEST implemented with UDP instead of TCP?
A. A multicast streaming application.
B. A file transfer application.
C. A DNS zone transfer.
D. A web browser.
Answer: A

NO.2 What is a limitation of deploying HIPS on a workstation?
A. Requires an HIDS to Identify an attack
B. Runs as a non-privileged user
C. Requires more frequent system patching
D. Restricted support for custom applications
Answer: D

NO.3 When using Pretty Good Privacy (PGP) to digitally sign a message, the signature is created in a two-step process. First, the message to be signed is submitted to PGP's cryptographic hash algorithm. What is one of the hash algorithms used by PGP for this process?
A. Blowfish
B. SHA-I
C. DES
D. Cast
Answer: B

NO.4 In PKI, when someone wants to verify that the certificate is valid, what do they use to decrypt the signature?
A. X.509 certificate CA's private key
B. CA's public key
C. Receiver's digital signature
D. Secret passphrase
Answer: B

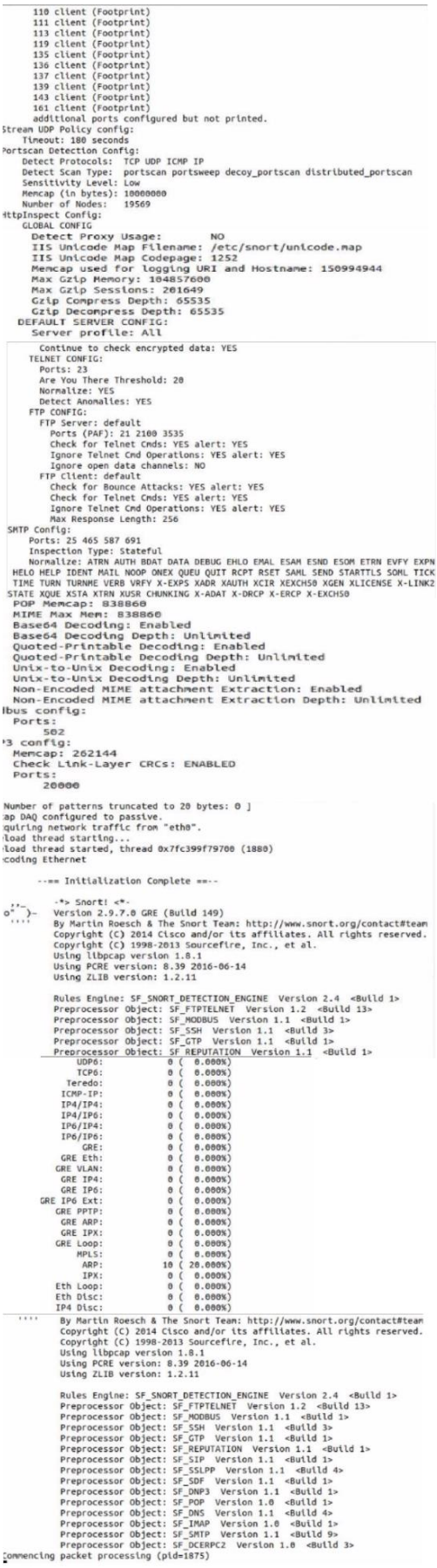
NO.5 Which Linux command could a systems administrator use to determine if an attacker had opened up a new listening port on her system?
A. vrnstat
B. nfsstat
C. netstat
D. netreport
E. ps
Answer: C

NO.6 What is a recommended defense against SQL injection, OS injection, and buffer overflows?
A. Use a secure protocol like HTTPS
B. Validate user input

C. Use stored procedures
D. Put in an application layer
Answer: B

NO.7 In preparation to do a vulnerability scan against your company's systems. You've taken the steps below:
You've notified users that there will be a system test.
You've priontized and selected your targets and subnets.
You've configured the system to do a deep scan.
You have a member of your team on call to answer questions.
Which of the following is a necessary step to take prior to starting the scan?
A. Clear relevant system log files.
B. Scheduling the scan to run before OS updates.
C. Getting permission to run the scan.
D. Placing the incident response team on call.
Answer: C

NO.8 Use sudo to launch Snort with the, /etc /snort /snort.conf file In full mode to generate alerts based on incoming traffic to echo. What is the source IP address of the traffic triggering an alert with a destination port of 156?
Note: Snort Is configured to exit after It evaluates 50 packets.



A. 10.11.10.11

B. 10.72.101.210

C. 192.168..30
D. 10.10.28.19
E. 10.11.12.13
F. 10.10.199.146
G. 192.168.87.68
H. 10.10.10.66
I. 10.10.201.150
J. 10.12.10.112
Answer: I

NO.9 Which of the following is the FIRST step in performing an Operational Security (OP5EC) Vulnerabilities Assessment?
A. Assess the threat
B. Conduct risk versus benefit analysis
C. Implement appropriate countermeasures
D. Assess vulnerabilities of critical information to the threat
E. Identification of critical information
Answer: E

NO.10 Why would someone use port 80 for deployment of unauthorized services?
A. Google will detect the service listing on port 80 and post a link, so that people all over the world will surf to the rogue service.
B. If someone were to randomly browse to the rogue port 80 service they could be compromised.
C. This is a technique commonly used to perform a denial of service on the local web server.
D. HTTP traffic is usually allowed outbound to port 80 through the firewall in most environments.
Answer: D

NO.11 When file integrity checking is enabled, what feature is used to determine if a monitored file has been modified?
A. One-way hash
B. File change notifications in the Application Event Log
C. Last modified dale
D. file size
Answer: A

NO.12 What is log, pre-processing?
A. Removing known bad log event entries
B. Moving log entries of unknown status to an analyst's queue
C. Converting logs from one format to another
D. Transferring logs to short-term storage
Answer: C

NO.13 SSL session keys are available in which of the following lengths?

A. 40-bit and 64-bit.
B. 128-bit and 1,024-bit.
C. 64-bit and 128-bit.
D. 40-bit and 128-bit.
Answer: D

NO.14 You are doing some analysis of malware on a Unix computer in a closed test network. The IP address of the computer is 192.168.1.120. From a packet capture, you see the malware is attempting to do a DNS query for a server called iamabadserver.com so that it can connect to it. There is no DNS server on the test network to do name resolution. You have another computer, whose IP is 192.168.1.115, available on the test network that you would like for the malware connect to it instead. How do you get the malware to connect to that computer on the test network?
A. You modify the HOSTS file on the Unix computer your malware is running on and add an entry that reads: 192.168.1.120 iamabadserver iamabadserver.com
B. You modify the HOSTS file on the computer you want the malware to connect to and add an entry that reads: 192.168.1.115 iamabadserver iamabadserver.com
C. You modify the HOSTS file on the Unix computer your malware is running on and add an entry that reads: 192.168.1.115 iamabadserveriamabadserver.com
D. You modify the HOSTS file on the computer you want the malware to connect to and add an entry that reads: 192.168.1.120 iamabadserver iamabadserver.com
Answer: C

NO.15 What is a characteristic of iOS security?
A. Less restrictive architecture than macOS
B. Most security features are user configurable
C. Forbids mobile operator (MO) software
D. Flaw disclosures are sent to the Open Handset Alliance (OHA)
Answer: B

NO.16 Your system has been infected by malware. Upon investigation, you discover that the malware propagated primarily via email. The malware attacked known vulnerabilities for which patches are available, but due to problems with your configuration management system you have no way to know which systems have been patched and which haven't, slowing your progress in patching your network. Of the following, which solution would you use to protect against this propagation vector?
A. Separate the email server from the trusted portions of the network
B. Install a firewall between the email server and the Internet
C. Scan and block suspect email attachments at the email server
D. Encrypt the emails on the server
Answer: C

NO.17 Training an organization on possible phishing attacks would be included under which NIST Framework Core guidelines?
A. Protect

B. Identify
C. Respond
D. Detect
Answer: A

NO.18 Which Defense-in-Depth principle starts with an awareness of the value of each section of information within an organization?
A. Perimeter layering
B. Uniform information protection
C. General information protection
D. Information centric defense
Answer: D

NO.19 On an NTFS file system, what will happen when a conflict exists between Allow and Deny permissions?
A. The resolution depends on the user's machine rights.
B. Allow permission will take precedence over the Deny permission.
C. Deny permission will take precedence over the Allow permission.
D. The resolution depends on the groups that the user belongs to.
Answer: C

NO.20 Which of the following should be implemented to protect an organization from spam?
A. Auditing
B. E-mail filtering
C. Packet filtering
D. System hardening
Answer: B

NO.21 Validating which vulnerabilities in a network environment are able to be exploited by an attacker is called what?
A. Perimeter assessment
B. Vulnerability scanning
C. Penetration testing
D. Anomaly detection
Answer: B

NO.22 What Windows log should be checked to troubleshoot a Windows service that is falling to start?
A. Security
B. Application
C. Setup
D. System
Answer: D

NO.23 Which of the following services resolves host name to IP Address?
A. DHCP
B. DNS
C. Computer Browser
D. WINS
Answer: B

NO.24 You work as a Network Administrator for McNeil Inc. You are installing an application. You want to view the log file whenever a new entry is added to the /var/log/messages log file. Which of the following commands will you use to accomplish this?
A. TAIL -show /var/log/messages
B. TAIL -50 /var/log/messages
C. TAIL -f /var/log/messages
D. TAIL -view /var/log/messages
Answer: C

NO.25 A folder D:\Files\Marketing has the following NTFS permissions:
* Administrators: Full Control
* Marketing: Change and Authenticated
* Users: Read
It has been shared on the server as "MARKETING", with the following share permissions:
* Full Control share permissions for the Marketing group
Which of the following effective permissions apply if a user from the Sales group accesses the \\FILESERVER\MARKETING shared folder?
A. Read
B. No access
C. Full Control
D. Change
Answer: A

NO.26 A simple cryptosystem that keeps the same letters and shuffles the order is an example of what?
A. Substitution
B. Monolithic
C. Rotation
D. Permutation
Answer: D

NO.27 An organization keeps its intellectual property in a database. Protection of the data is assigned to one system administrator who marks the data, and monitors for this intellectual property leaving the network. Which defense-In-depth principle does this describe?
A. Protected Enclave
B. Threat-Vector Analysis

C. Uniform Protection
D. Information Centric
Answer: D

NO.28 Which Linux file lists every process that starts at boot time?
A. netsrv
B. initd
C. inittab
D. inetd
Answer: C

NO.29 Which of the following quantifies the effects of a potential disaster over a period of time?
A. Disaster Recovery Planning
B. Risk Assessment
C. Business Impact Analysis
D. Lessons Learned
Answer: C

NO.30 Which of the following statements about buffer overflow is true?
A. It manages security credentials and public keys for message encryption.
B. It is a condition in which an application receives more data than it is configured to accept.
C. It is a collection of files used by Microsoft for software updates released between major service pack releases.
D. It is a false warning about a virus.
Answer: B