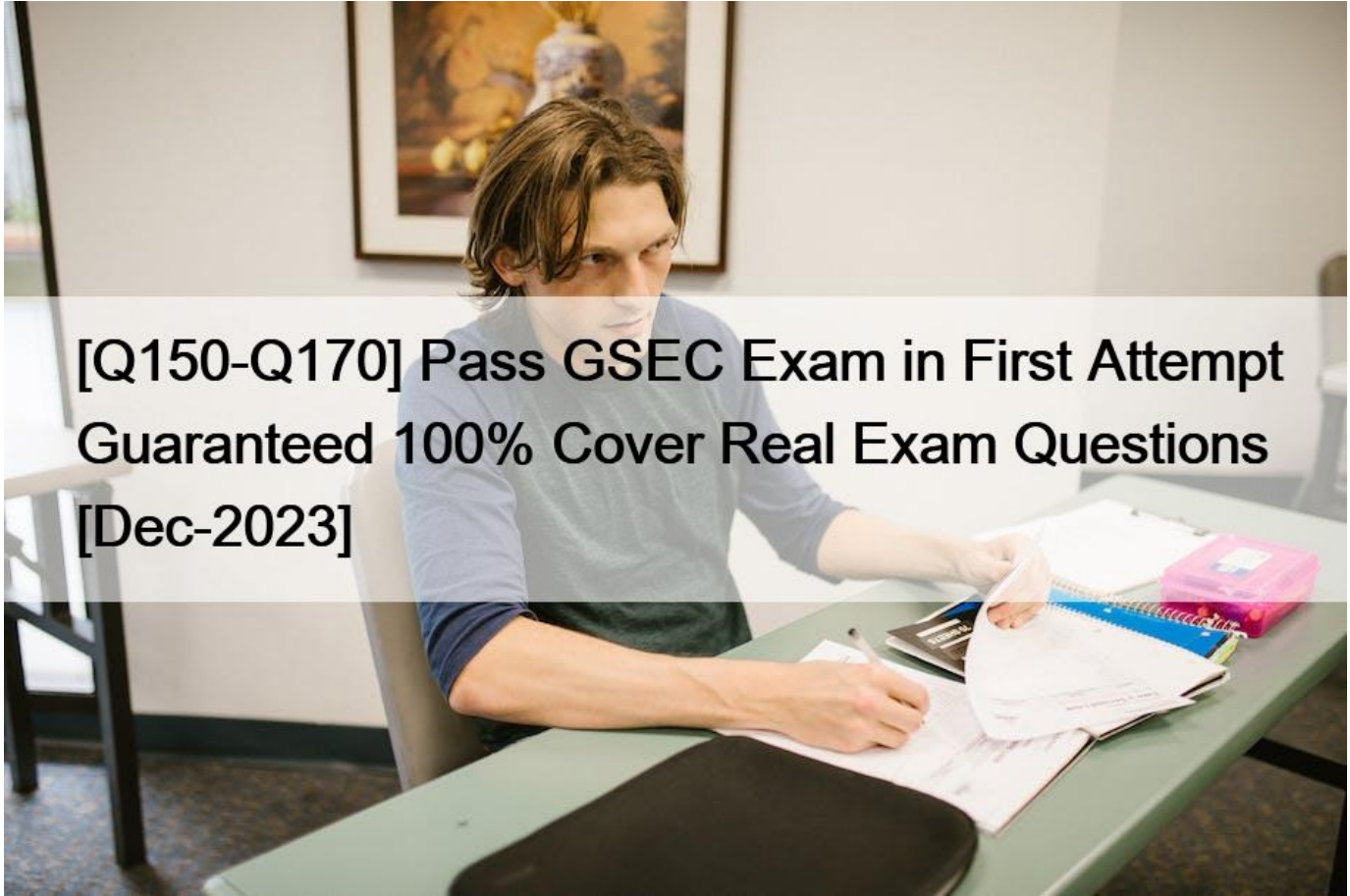# [Q150-Q170 Pass GSEC Exam in First Attempt Guaranteed 100% Cover Real Exam Questions [Dec-2023



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**Q150.** The Windows &#8216;tracert&#8217; begins by sending what type of packet to the destination host?

* A UDP packet with a TTL of 1
* An ICMP Echo Request
* An ICMP Router Discovery
* An ICMP Echo Reply

**Q151.** How is a Distributed Denial of Service (DDOS) attack distinguished from a regular DOS attack?

* DDOS attacks are perpetrated by many distributed hosts.
* DDOS affects many distributed targets.
* Regular DOS focuses on a single router.
* DDOS affects the entire Internet.

**Q152.** Which of the following network topologies is the most fault tolerant?

* Bus

* Ring
* Star
* Mesh

**Q153.** SSL session keys are available in which of the following lengths?
* 40-bit and 128-bit.
* 64-bit and 128-bit.
* 128-bit and 1,024-bit.
* 40-bit and 64-bit.

**Q154.** You work as a Network Administrator for McRobert Inc. You want to know the NetBIOS name of your computer. Which of the following commands will you use?
* NETSTAT -s
* NBTSTAT -s
* NBTSTAT -n
* NETSTAT -n

**Q155.** 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.
* Encryption for the local files stored on the two servers
* Highest possible encryption for traffic between the offices
* Mutual authentication between the two servers
* Extra bandwidth on the Internet connection

**Q156.** If a DNS client wants to look up the IP address for good.news.com and does not receive an authoritative reply from its local DNS server, which name server is most likely to provide an authoritative reply?
* The news.com domain name server
* The .com (top-level) domain name server
* The .(root-level) domain name server
* The .gov (top-level) domain name server

**Q157.** Which asymmetric algorithm is used only for key exchange?
* EI Gamal
* Diffuse-H an
* ECC
* DSA

**Q158.** Which of the following statements about DMZ are true? Each correct answer represents a complete solution. Choose two.
* It is the boundary between the Internet and a private network.
* It is an anti-virus software that scans the incoming traffic on an internal network.
* It contains company resources that are available on the Internet, such as Web servers and FTP servers.
* It contains an access control list (ACL).

**Q159.** What file instructs programs like Web spiders NOT to search certain areas of a site?
* Robots.txt
* Restricted.txt
* Spider.txt

* Search.txt

**Q160.** How often is session information sent to the web server from the browser once the session information has been established?
* With any change in session data
* With every subsequent request
* With any hidden form element data
* With the initial request to register the session

**Q161.** When should you create the initial database for a Linux file integrity checker?
* Before a system is patched
* After a system has been compromised
* Before a system has been compromised
* During an attack

**Q162.** You work as a Network Administrator for Net Soft Inc. You are designing a data backup plan for your company&#8217;s network. The backup policy of the company requires high security and easy recovery of data. Which of the following options will you choose to accomplish this?
* Take a full backup daily with the previous night&#8217;s tape taken offsite.
* Take a full backup daily and use six-tape rotation.
* Take a full backup on Monday and an incremental backup on each of the following weekdays. Keep Monday&#8217;s backup offsite.
* Take a full backup on alternate days and keep rotating the tapes.
* Take a full backup on Monday and a differential backup on each of the following weekdays. Keep Monday&#8217;s backup offsite.
* Take a full backup daily with one tape taken offsite weekly.

**Q163.** When considering ingress filtering, why should all inbound packets be dropped if they contain a source address from within the protected network address space?

A, The packets are probably corrupted.

B, The packets may have been accidentally routed onto the Internet.

C, The packets may be deliberately spoofed by an attacker.

D, The packets are a sign of excess fragmentation.
* A and B
* B and C
* B and D
* A and D

**Q164.** Which of the following TCP packet flags indicates that host should IMMEDIATELY terminate the connection containing the packet?
* FIN
* URG
* SYN
* RST

**Q165.** What would the file permission example &#8220;rwsr-sr-x&#8221; translate to in absolute mode?
* 1755

* 6755
* 6645
* 1644

**Q166.** 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&#8217;s network. Which of the following encryption types will Linux use?
* MSCHAP
* RC2
* 3DES
* CHAP

**Q167.** Which of the following commands generates or assigns a random password to a user account in a Linux computer?
* PWCONV
* CHMOD
* PASSWD
* MKPASSWD

**Q168.** Your IT security team is responding to a denial of service attack against your server. They have taken measures to block offending IP addresses. Which type of threat control is this?
* Detective
* Preventive
* Responsive
* Corrective

**Q169.** What type of attack can be performed against a wireless network using the tool Kismet?
* IP spoofing
* Eavesdropping
* Masquerading
* Denial of Service

**Q170.** 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 wants to change the startup shell of Maria from bash to tcsh. Which of the following commands will John use to accomplish the task?

Each correct answer represents a complete solution. Choose all that apply.
* usermod -s
* chage
* usermod -u
* useradd -s

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