

## Template for generation of Questions

**Date:**

**Module Name: NDC**

Q. No. 1

**Question:**

In OpenVPN, the option \_\_\_\_\_ is used to enable compression on the VPN Link.

Answer Choices

A: comp-rar

B: comp-zip

C: comp-lzo

D: comp-7z

Q. No. 2

**Question:**

The enterprise administrator has seen an increase in the number of ping flood attacks on the web server in the DMZ (Demilitarized Zone). How can the administrator mitigate the attacks and prevent the web server from crashing?

Answer Choices

A: Block ICMP Echo 8 packets on the external firewall

B: Block TCP 53 packets on the external firewall

C: Block Telnet 23 packets on the external firewall

D: Block ICMP Echo 15 packets on the external firewall

Q. No. 3

**Question:**

Assault on system security that derives from an intelligent threat.

Answer Choices

A: Exploit

B: Attack

C: ToE

D: Vulnerability

Q. No. 4

**Question:**

Which of the following best describes an attack that altered the contents of two critical files?

Answer Choices

A: Integrity

B: Confidentiality

C: Availability

D: Authentication

Q. No. 5

**Question:**

Port # 137 is related with:

Answer Choices

A: RPC Endpoint mapping

B: NETBIOS Name Service

C: NETBIOS datagram service

D: SMB

Q. No. 6

**Question:**

In iptables, the RAW table consists of \_\_\_\_\_ built-in chains:

Answer Choices

A: Two

B: Three

C: Four

D: Five

Q. No. 7

**Question:**

On a linux machine, all of the connection tracking is done by special framework within the kernel called\_\_\_\_\_.

Answer Choices

A: filtertrack

B: statetrack

C: ctrack

D: **conntrack**

Q. No. 8

**Question:**

In iptables, the MANGLE table consists of \_\_\_\_\_ built-in chains:

Answer Choices

A: Two

B: Three

C: Four

D: **Five**

Q. No. 9

**Question:**

In iptables, the \_\_\_\_\_ table is responsible for the alteration of quality of service bits in the TCP header

Answer Choices

A: FILTER

B: NAT

C: **MANGLE**

D: RAW

Q. No. 10

**Question:**

In iptables, the POSTROUTING chain in the NAT table is used for \_\_\_\_\_

Answer Choices

A: DNAT

B: **SNAT**

C: Switching

D: Bridging

Q. No. 11

**Question:**

In iptables, the PREROUTING chain in the NAT table is used for \_\_\_\_\_

Answer Choices

A: **DNAT**

B: SNAT

C: Switching

D: Bridging

Q. No. 12

**Question:**

A \_\_\_\_\_ allows a host on the “outside” to connect to a host on the “inside”.

Answer Choices

A: DNAT

B: **SNAT**

C: Switching

D: Bridging

Q. No. 13

**Question:**

\_\_\_\_\_ allows a host on the “inside” of the NAT, in an RFC 1918 IP address space, to initiate a connection to a host on the “outside” of the NAT

Answer Choices

A: DNAT

B: **SNAT**

C: Switching

D: Bridging

Q. No. 14

**Question:**

In a \_\_\_\_\_, the destination IP address is maintained and the source IP address is changed.

Answer Choices

A: DNAT

B: **SNAT**

C: Switching

D: Bridging

Q. No. 15

**Question:**

Netfilter is a \_\_\_\_\_ Module

Answer Choices

A: userspace

B: **KernelSpace**

C: applicationspace

D:linkstate

Q. No. 16

**Question:**

The Linux kernel's network packet processing subsystem is called \_\_\_\_\_

Answer Choices

A: iptables

B: netfilter

C: chroot

D: natable

Q. No. 17

**Question:**

A stateful inspection firewall maintains a \_\_\_\_\_ table that is constantly updated based on the full inspection of communication flow through the firewall.

Answer Choices

A: NAT

B: state

C: routing

D: connection

Q. No. 18

**Question:**

In an SPI firewall, the inspection engine operates at the \_\_\_\_\_ layer.

Answer Choices

A: applicaiton

B: session

C: network

D: datalink

Q. No. 19

**Question:**

To see the TCP ephemeral port range in Windows:

Answer Choices

A: netshow eth0 ipv4 show dynamicport tcp

B: netshow int ipv4 show dynamicport tcp

C: netsh eth0 ipv4 show dynamicport tcp

D: netsh int ipv4 show dynamicport tcp

Q. No. 20

**Question:**

To see the ephemeral port range in Linux:

Answer Choices

A: show eport

B: cat /etc/sys/net/ipv4/ip\_local\_port\_range

C: show lport

D: cat /proc/sys/net/ipv4/ip\_local\_port\_range

Q. No. 21

**Question:**

A \_\_\_\_\_ is also known as sacrificed host.

Answer Choices

A: Gateway

B: Proxy

C: Bastion Host

D: Firewall

Q. No. 22

**Question:**

A \_\_\_\_\_ is a system that has been hardened to resist attack, and which is installed on a network in such a way that it is expected to potentially come under attack.

Answer Choices

A: Gateway

B: Proxy

C: Bastion Host

D: Firewall

Q. No. 23

**Question:**

A \_\_\_\_\_ combines a packet-filtering router with an application gateway located on the protected subnet side of the router.

Answer Choices

A: Screened host firewall

B: Intrusion Detection Systems

C: Intrusion Prevention Systems

D: Anti Malware System

Q. No. 24

**Question:**

Application proxy runs at layer \_\_\_\_\_

Answer Choices

A: 7

B: 1

C: 4

D: 3

Q. No. 25



**Question:**

Which of the following command is used to view and modify the ACL of a file in Windows?

Answer Choices

A: attrib

B: winacl

C: **cacIs**

D: setacl

Q. No. 26

**Question:**

An \_\_\_\_\_ is a table/database that tells an operating system which access rights each user has to a particular system object, such as a file directory or individual file.

Answer Choices

A: DMZ

B: **ACL**

C: ACE

D: TLS

Q. No. 27

**Question:**

\_\_\_\_\_ is a sub-net located neither inside the internal network nor outside as part of the internet, where access is controlled, but not prevented

Answer Choices

A: Zombie

B: Host

C: **DMZ**

D: Firewall

Q. No. 28

**Question:**

A \_\_\_\_\_ is a device or set of devices configured to permit, deny, encrypt, decrypt, or proxy all (in and out) computer traffic between different security domains based upon a set of rules and other criteria.

Answer Choices

A: Zombie

B: Host

C: Stub

D: Firewall

Q. No. 29

**Question:**

A \_\_\_\_\_ is a computer connected to the Internet that has been compromised by a hacker, computer virus or trojan horse and can be used to perform malicious tasks of one sort or another under remote direction.

Answer Choices

A: Zombie

B: Host

C: Stub

D: Fork

Q. No. 30

**Question:**

Cold boot attack is an attack on \_\_\_\_\_

Answer Choices

**A: Cryptographic Systems**

B: FTP Servers

C: HTTP Servers

D: Authentication Systems

Q. No. 31

**Question:**

The act of locating and possibly exploiting connections to wireless LANs while driving around a city or elsewhere is known as:

Answer Choices

A: Phishing

B: **War Driving**

C: Vishing

D: Dumpster Diving

Q. No. 32

**Question:**

Practice of sifting through commercial or residential trash to find items that have been discarded by their owners, but which may be useful to the attacker is known as:

Answer Choices

A: Phishing

B: Smishing

C: Vishing

D: **Dumpster Diving**

Q. No. 33

**Question:**

\_\_\_\_\_ is the criminal practice of using social engineering and Voice over IP (VoIP) to gain access to private personal and financial information from the public for the purpose of financial reward.

Answer Choices

A: Phishing

B: Smishing

C: **Vishing**

D: All of the above

Q. No. 34

**Question:**

The additional element used in a DRDoS attack is known as \_\_\_\_\_

Answer Choices

A: Refractors

B: **Reflectors**

C: Sniffers

D: Analyzers

Q. No. 35

**Question:**

Flooding the bandwidth of the victim's network so that he cannot use the internet or other services is an example of \_\_\_\_\_

Answer Choices

A: Buffer Overflow

B: Spoofing

C: Sniffing

D: **DoS**

Q. No. 36

**Question:**

SSL is replaced by \_\_\_\_\_

Answer Choices

A: HTTPS

B: SSH

C: TLS

D: IPv6

Q. No. 37

**Question:**

Any potential danger to information or systems is known as

Answer Choices

A: Vulnerability

B: Confidentiality

C: Threat

D: Availability

Q. No. 38

**Question:**

Weakness in a mechanism that can threaten the Confidentiality, Integrity, or Availability of an asset is known as \_\_\_\_\_

Answer Choices

A: Vulnerability

B: Confidentiality

C: Integrity

D: Availability

Q. No. 39

**Question:**

The concept of protecting data from modification or deletion by unauthorized parties, and ensuring that when authorized people make changes, that shouldn't have been made, the damage can be undone is known as \_\_\_\_\_

Answer Choices

A: Authentication

B: Confidentiality

C: Integrity

D: Availability

Q. No. 40

**Question:**

Which of the following is an IPSec Mode?

Answer Choices

A: Encryption Mode

B: Encapsulation Mode

C: Cyclic Chaining Mode

D: Transport Mode