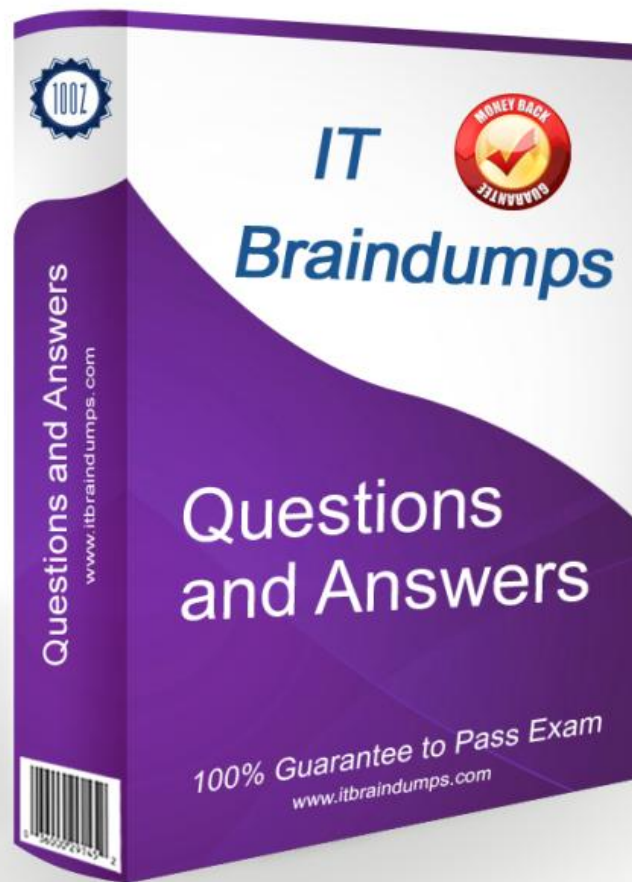


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Exam : **200-150**

Title : **Introducing Cisco Data Center
Networking**

Vendor : **Cisco**

Version : **DEMO**

NO.1 Which two protocols are associated with the link layer of the TCP/IP reference model? (Choose two.)

- A. UDP
- B. LLDP
- C. HSRP
- D. IPsec
- E. STP

Answer: B,E

Explanation

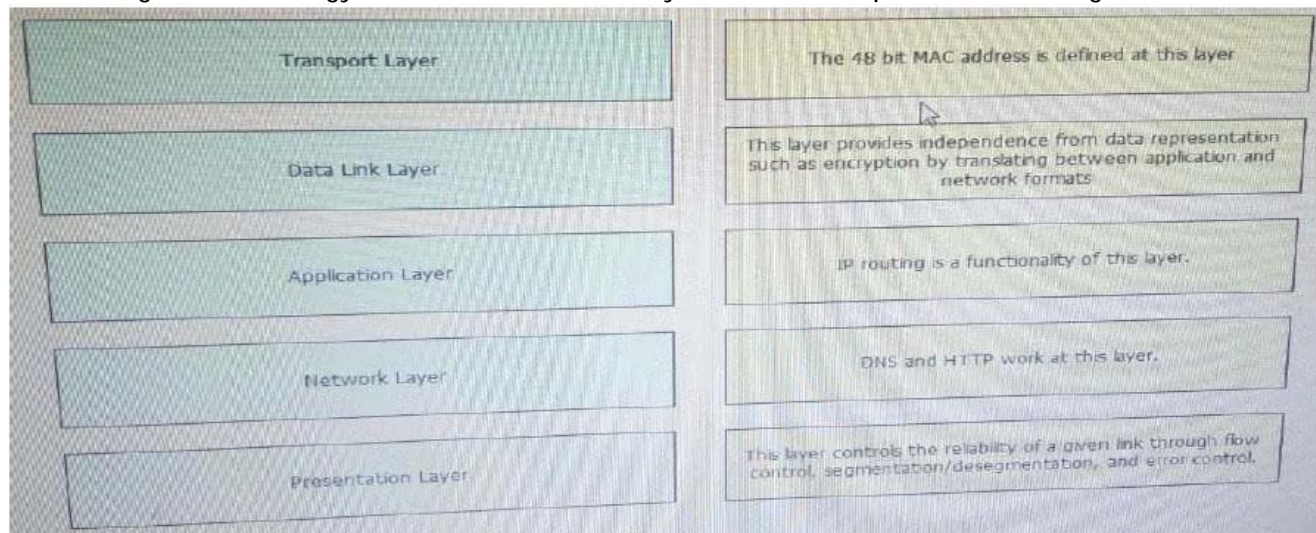
<https://gtacknowledge.extremenetworks.com/articles/Solution/Layer-two-layer-2-protocol-packets-does-not-pass-through-the-VMAN-tunnel-after-upgrade-of-EXOS>

NO.2 Which two protocols can you use for SAN storage that is accessed via low-latency, high-bandwidth networking? (Choose two.)

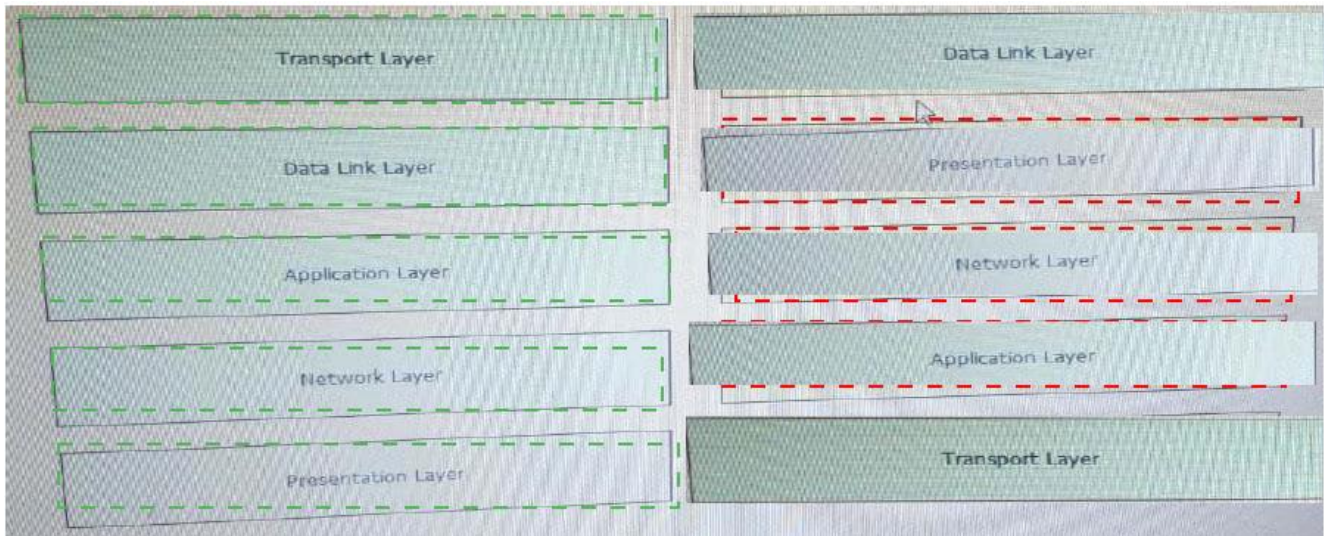
- A. iSCSI
- B. FCP
- C. CIFS
- D. AFP
- E. NFS

Answer: A,B

NO.3 Drag the technology on the left to the OSI layer at which it operates on the right.



Answer:



Explanation

Transport Layer - E

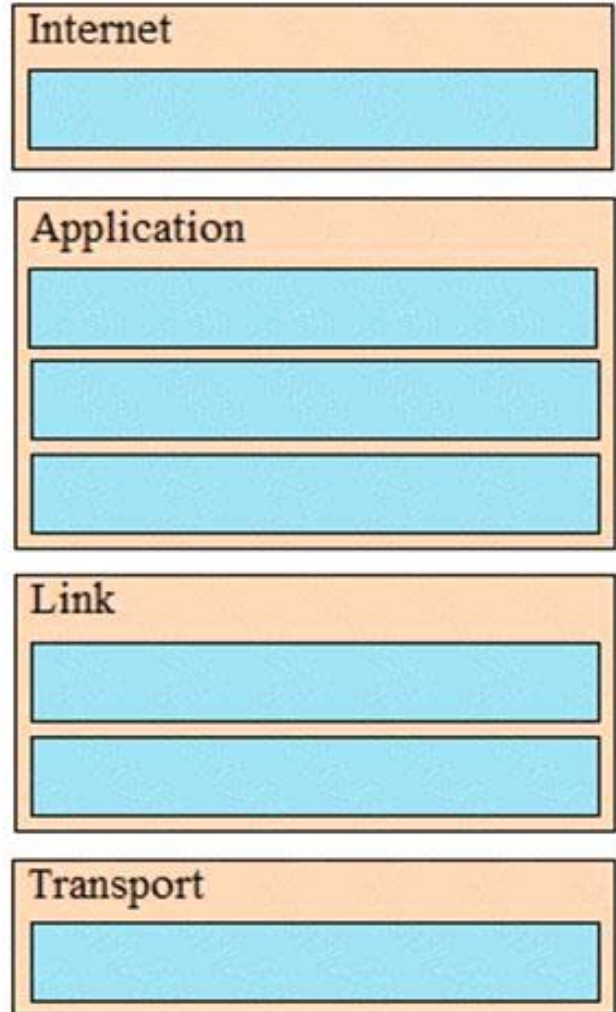
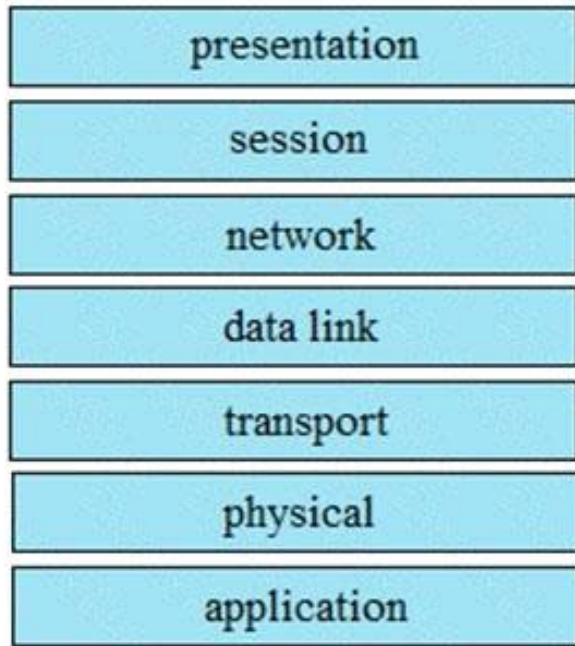
Data Link Layer - A

Application Layer - D

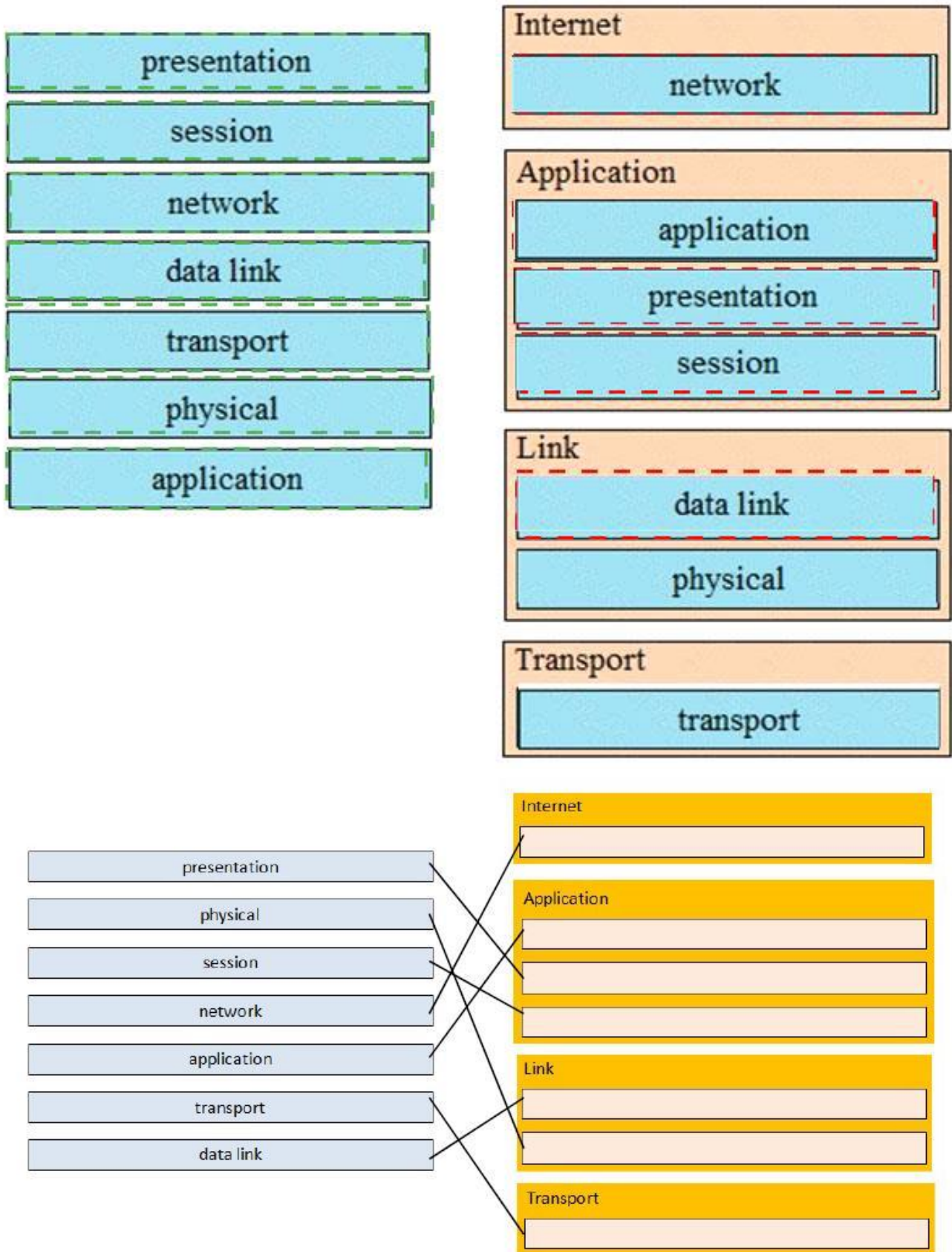
Network Layer - C

Presentation Layer - B

NO.4 Drag and drop the OSI reference model layer on the left to the corresponding TCP/IP layer on the right.



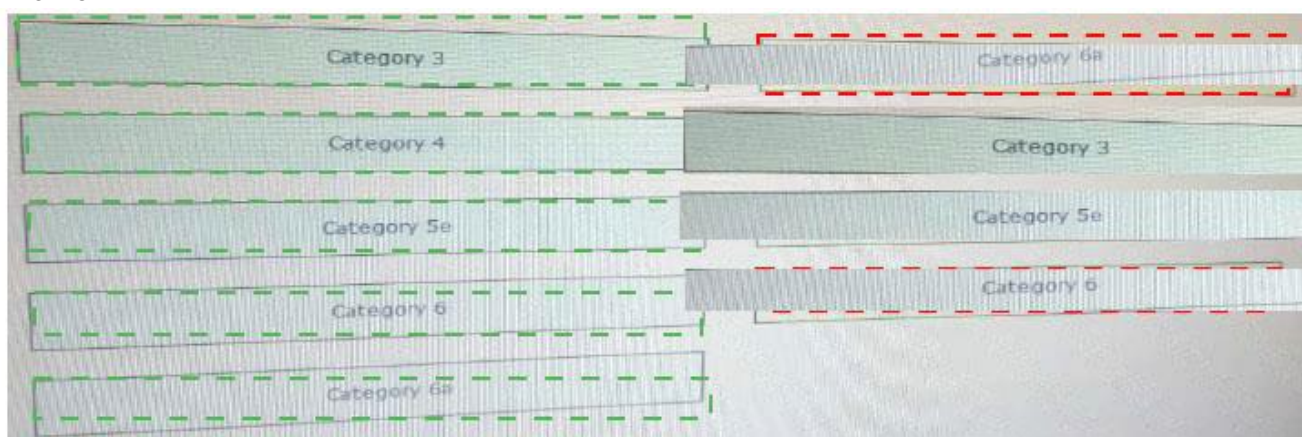
Answer:



NO.5 Drag and drop the cable category on the left to the correct maximum data transmission speed and length on the right. Not all options are used.



Answer:



Explanation

Category 3 - B

Category 5e - C

Category 6 - D

Category 6a - A

NO.6 Which block storage protocol can be used over an unlimited distance?

A. FCoE

B. iSCSI

C. SMB

D. Fibre Channel

Answer: B

Explanation

https://www.cisco.com/c/en/us/products/collateral/servers-unified-computing/ucs-s-series-storage-servers/white_paper_c11-738251.pdf

<https://www.cisco.com/c/en/us/products/collateral/storage-networking/mds-9700-series-multilayer-directors/white-paper-c11-734014.html>

NO.7 Drag and drop the feature on the left to the correct description on the right.

accounting	Provides access control and verifies whether the connected user can execute a submitted command.
authentication	The process of verifying the identity of the person or device accessing the resource.
RBAC	Provides a method to collect and log information, and send the information to the AAA server for billing, auditing, and reporting.
authorization	A method of restricting or authorizing system access for users based on user roles and locales.

Answer:

accounting	authorization
authentication	authentication
RBAC	accounting
authorization	RBAC

Explanation

Authorization = Provide access control and verifies whether the connected user can execute a submitted command.

Authentication = The process of verifying the identity of the person or device accessing the resource.

Accounting = Provides a method to collect and log information, and send the information to the AAA server for billing, auditing, and reporting
 RBAC = A method of restricting or authorization system access for users based on user roles and locales.

NO.8 On a Cisco Nexus switch, you need to configure an ACL that permits HTTP traffic only from network 10.68.68.0/24 to network 10.68.69.0/24. Which command should you use?

A. switch(config)# ip access-list test

switch(config-acl)# permit tcp 10.69.69.0 0.0.0.255 10.68.68.0 0.0.0.255 eq 80

B. switch(config)# ip access-list test

switch(config-acl)# permit tcp 10.68.68.0/24 10.68.69.0/24 any eq 80
 switch(config-acl)# permit ip any any

C. switch(config)# ip access-list test

switch(config-acl)# permit tcp 10.68.68.0/24 10.68.69.0/24 eq 80

D. switch(config)# ip access-list test

switch(config-acl)# permit tcp 10.68.68.0 255.255.255.0 10.68.69.0 255.255.255.0 any eq 80

Answer: C

NO.9 A network engineer examines a data capture and finds a large amount of traffic with the destination address of FF:FF:FF:FF:FF:FF. What type of address is this?

A. Layer 3 broadcast address

B. Layer 2 broadcast address

C. a multicast address

D. Layer 3 network address

Answer: B

NO.10 Which statement accurately describes storage protocols?

- A. SCSI uses the TCP offload engine to provide faster file transfers.
- B. Fibre Channel enables the consolidation of the LAN and SAN traffic on the same physical Ethernet infrastructure.
- C. iSCSI provides boot from external storage over a TCP/IP network
- D. An initiator is a client that initiates the TCP session toward the target server.

Answer: A

NO.11 Which two are functions of the data center access layer? (Choose two.)

- A. high network fault tolerance
- B. VLAN creation
- C. high data transfer rate
- D. server connections
- E. packet filtering

Answer: B,D

NO.12 Which route type is the most trustworthy for a Cisco routing device?

- A. static
- B. OSPF dynamic
- C. BGP dynamic
- D. EIGRP dynamic

Answer: A

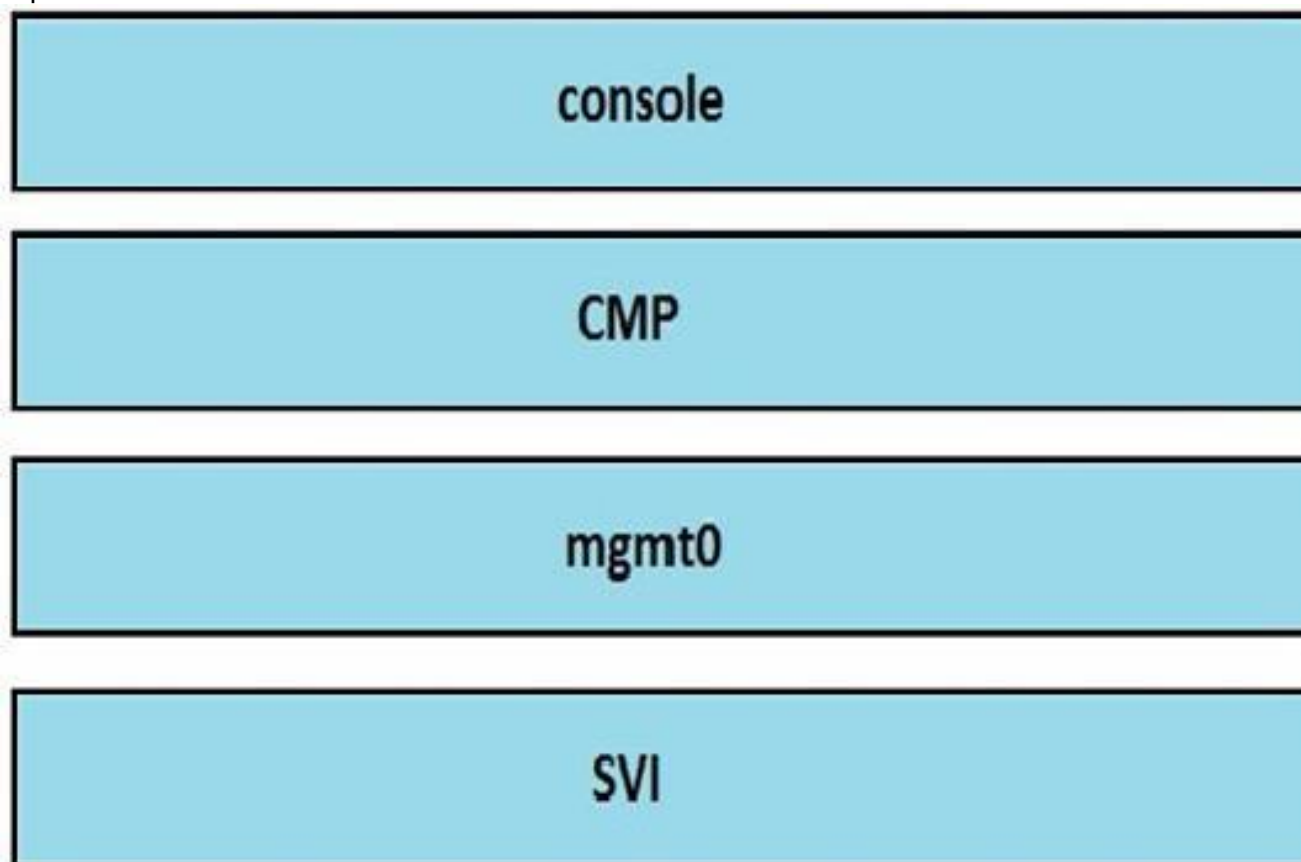
NO.13 Drag and drop the port type from the left onto the correct description on the right.

CMP	uses an RS-232 connection to access the device CLI either locally or via a terminal server
SVI	provides lights-out CLI console access to the supervisor module over an IP network by using SSHv2 or Telnet
console	provides out-of-band management by using Telnet or SSH
mgmt0	provides in-band management by using Telnet or SSH

Answer:

CMP	console
SVI	CMP
console	mgmt0
mgmt0	SVI

Explanation



CMP provides light-out CLI console access to the supervisor module over an IP network by using sshv2 or telnet SVI provides inband management by using telnet or ssh console uses an RS-232 connection to access the device CLI either locally or via a terminal server mgmt0 provides out-of-band management by using telnet or ssh

NO.14 In which layer of the OSI model are TCP port numbers defined?

- A. transport
- B. network
- C. session
- D. data-link

Answer: A

NO.15 Which two hosts are part of subnet 172.16.160.0/20? (Choose two.)

- A. 172.16.160.0
- B. 172.16.160.255
- C. 172.16.176.1
- D. 172.16.176.255
- E. 172.16.168.0

Answer: B,E