Question 1

Which of the following is true regarding the certificate needed for VNS deployment?

Options:

A- CA (Certificate Authority) runs as a service on the utility host.

B- CA (Certificate Authority) only generates a certificate for the VSC.

C- With the certificate, the communication between the VSD and VSC can be encrypted in IPsec.

D- With the certificate, the communication between the VSC and NSG can be encrypted in TLS.

Answer:

B

Question 2

Which component of the VNS solution belongs to the data plane?

Options:

A- VSD (Virtualized Services Directory)

B- VSC (Virtualized Services Controller)

C- VRS (Virtual Routing and Switching)

D- NSG (Network Services Gateway)

Answer:

D

Question 3

Question Type: MultipleChoice

Which of the following is NOT true regarding the certificate authority component on VSD?

A- It provides secure communication (TLS) between NSGs and the VSD by an HTTPS proxy.

B- It provides secure communication (TLS) between NSGs and the VSC.

C- It provides secure communication (TLS) between NSGs and VRSs.

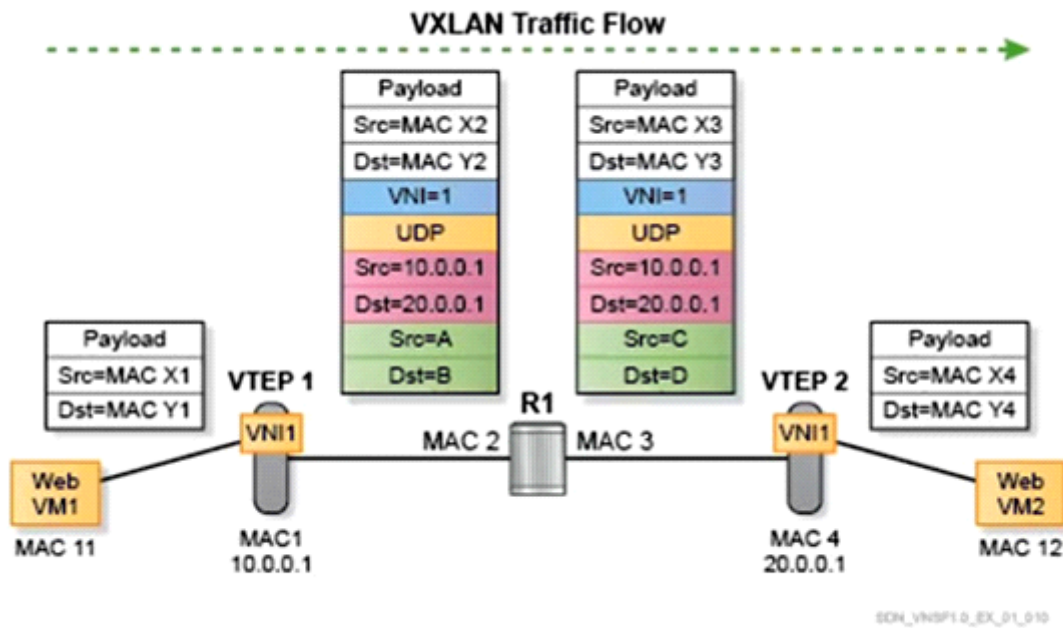**D-** It provides secure communication (TLS) between the VSC and VRSs.

Answer:

A

Question 4

Question Type: **MultipleChoice**

Please, refer to the diagram. If the two VMs are on the same subnet, what is MAC address X4?

VXLAN Traffic Flow

Payload
Src=MAC X2
Dst=MAC Y2
VNI=1
UDP
Src=10.0.0.1
Dst=20.0.0.1
Src=A
Dst=B

Payload
Src=MAC X3
Dst=MAC Y3
VNI=1
UDP
Src=10.0.0.1
Dst=20.0.0.1
Src=C
Dst=D

Payload
Src=MAC X1
Dst=MAC Y1

VTEP 1
VNI1

Payload
Src=MAC X4
Dst=MAC Y4

VTEP 2
VNI1

R1
MAC 2   MAC 3

Web VM1
MAC 11

MAC1
10.0.0.1

Web VM2
MAC 12

MAC 4
20.0.0.1

SDN_VNSP1.0_EX_01_010

Options:

A- X4 = MAC1

B- X4 = MAC4

C- X4 = MAC11

D- X4 = MAC12

Question 5

Question Type: MultipleChoice

Which of the following is false regarding overlay solutions?

Options:

A- An 'overlay network' is a virtual abstraction built on top of an existing physical network.

B- Both VXLAN and TRILL are host-centric overlay solutions.

C- Nuage Networks VNS uses a VXLAN-based overlay solution.

D- Overlay networks are totally transparent to their physical underlay network.

Answer:

B

Question 6

Which of the following is true regarding the VLAN-based VPN on Nuage Networks NSG?

Options:

A- The NSGs use OpenFlow to exchange routing information between each other.

B- The NSGs use VXLAN to exchange routing information between each other.

C- The NSGs forward overlay traffic between each other by using an OpenFlow tunnel.

D- The NSGs forward overlay traffic between each other by using a VXLAN tunnel.

Answer:

D

Question 7

Which of the following is true regarding the IPsec VPN between the NSGs?

Options:

A- It encrypts and encapsulates the VXLAN traffic.

B- The key for IPsec needs be manually configured on NSGs and must match each other.

C- The IPsec tunnel can be directly terminated by VRS in a data center.

D- To have IPsec VPN, an encryption function needs to be enabled at each individual NSG.

Answer:

C

Question 8

Question Type: MultipleChoice

Which of the following features is NOT supported by Nuage Networks VNS?

Options:

A- Service chaining

B- Centralized control plane

C- MPLS VPN

D- IPsec encryption

Answer:

A

Question 9

Question Type: MultipleChoice

Which of the following is NOT a function of Nuage Networks VNS?

Options:

A- Automation of the enterprise WAN

B- Virtualization of the branch office CPE

C- Orchestration of cloud networks

D- Providing unified policy across the data center and enterprise WAN

Answer:

C

Question 10

Question Type: MultipleChoice

Which of the following is a challenge facing enterprise WAN?

Options:

A- Manual provisioning slows down the new site turn-up.

B- There is no Internet access at the remote office.

C- OPEX is very high whereas CAPEX is low.

D- MPLS VPN is not supported on CPEs.

Answer:

A

Question 11

Question Type: **MultipleChoice**

Which of the following statements about the NSG support for NAT-T is TRUE?

Options:

A- NAT-T is a network port level attribute.

B- NAT-T NPM probes are disabled by default.

C- Direct Symmetric to Symmetric mapping is supported.

D- Address restricted mapping requires the use of two NPM probes.

Answer:

A

Question 12

Which one of the following statements is correct regarding bridge vPorts in the VNS solution?

Options:

A- A DHCP pool can be configured on a subnet connected to an NSG bridge vPort, the NSG then becomes the DHCP server.

B- VSD is in charge of the IP address assignment to the devices behind the NSG vPort.

C- There must be more than one device behind the bridge vPort.

D- The static IP to MAC mapping configuration is not on the bridge vPort.

Answer:

A

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