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Vendor:Nokia

Exam Code:4A0-N01

Exam Name:Nuage Networks Virtualized Cloud
Services (VCS) Fundamentals

Version:Demo

QUESTION 1

What function is NOT supported on the Nuage 7850 VSG?

- A. Hardware VXLAN/VLAN gateway
- B. Cloud orchestration
- C. Top of Rack switch/Leaf router
- D. VSC functionality

Correct Answer: B

QUESTION 2

What statement about virtual switches is FALSE?

- A. A virtual switch is typically implemented within the hypervisor so that the network is extended onto the server.
- B. Virtual switches are VLAN capable.
- C. Typically, virtual switches are as capable as physical switches, eg: LAG, hardware-based QoS.
- D. If a virtual switch is not on the hypervisor, all traffic will go out of the physical NIC.

Correct Answer: D

QUESTION 3

What statement is TRUE regarding service chaining provided by Nuage VCS?

- A. Service chaining is flow-based traffic redirection.
- B. Service chaining only works for virtual appliances.
- C. A virtual firewall is required to perform service chaining.
- D. It consists of packets being forwarded by the local VPLS, then through the enterprise VPRN and lastly the backhaul VPLS.

Correct Answer: B

QUESTION 4

What statement is TRUE regarding the security policies provided by Nuage VCS?

- A. The match criteria in security policies can be based on MAC address, IP address and TCP/UDP port number.

- B. Each policy entry has an associated priority that defines the order in which policy entries are evaluated.
- C. Ingress security policy controls the traffic flowing into the virtual machine.
- D. The default ingress security policy allows all traffic to be forwarded.

Correct Answer: A

QUESTION 5

What is NOT a requirement for modern data center networks to facilitate cloud computing?

- A. Multi-tenancy
- B. Network automation
- C. Virtual machine live migration
- D. Network function virtualization

Correct Answer: D

QUESTION 6

Which protocol is used for VSC federation?

- A. BGP VPN-IPv4
- B. BGP EVPN
- C. Openflow
- D. XMPP

Correct Answer: C

The VSC uses standard protocols to peer with existing networks, allowing it to discover full network topology and reachability. Through Openflow, it distributes relevant switching and routing information to hypervisors within the virtualized datacenter network.

Reference: <http://www.nuage networks.net/wp-content/uploads/2015/08/NuageNetworks-Architecture-White-Paper.pdf>

QUESTION 7

What statement about floating public IP addresses in the Nuage environment is CORRECT?

- A. They are managed by enterprise admin users.
- B. NAT is performed for the traffic leaving the enterprise domain and entering the public network.
- C. Once a floating IP is configured on the vPort , the VM will stop using its enterprise private IP address.

D. There can be more than one floating IP address associated with one vPort.

Correct Answer: D

QUESTION 8

What statement is TRUE regarding the workflow for live migration of a virtual machine with Nuage VCS?

- A. Only the destination hypervisor's VRS agent notifies the VSC of the VM migration.
- B. Both the source and destination hypervisor's VRS agents notify the VSC of the VM migration.
- C. VSD is not notified of the VM migration.
- D. CMS (if used) is not notified of the VM migration.

Correct Answer: B

QUESTION 9

What statement regarding active/standby VSD cluster is TRUE?

- A. Both the primary and secondary cluster are running all VSD services.
- B. XMPP connections to the secondary cluster are blocked.
- C. The active/standby mode is also supported in standalone VSD.
- D. VSP components (eg: VSCs) need reconfiguration after failover.

Correct Answer: C

QUESTION 10

Which of the following is NOT an improvement provided by the backhaul VPLS?

- A. Reducing the number of EVPN on the HV.
- B. Reducing the number of VXLAN tunnels.
- C. Reducing the size of MAC address table.
- D. Reducing the consumption of bandwidth.

Correct Answer: B

QUESTION 11

Which statement about SDN is correct?

- A. Network control is fully integrated into the forwarding plane.
- B. SDN supports cloud computing by automating virtual machine instantiation.
- C. The API interface provides a way to program the SDN switch directly.
- D. The SDN controller provides global provisioning of network devices.

Correct Answer: B

Reference: <https://searchnetworking.techtarget.com/definition/software-defined-networking-SDN>

QUESTION 12

What statement is TRUE regarding multiple virtual IP addresses assigned to a single vPort?

- A. The virtual IP addresses can be in a different subnet than the VM interface IP address.
- B. All virtual IP addresses of a vPort must be in the same subnet.
- C. One of the virtual IP addresses can be the same as the VM interface IP address.
- D. Every virtual IP address must be associated with a virtual MAC, which differs from the VM interface MAC address.

Correct Answer: A

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