Vendor: Nokia

Exam Code:4A0-N01

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

Version: Demo

QUESTION 1

Which two elements of the Nuage Networks VCS Solution act respectively as the control and data plane of a virtual router?

A. VSD and VSC

B. VSC and VSG

C. VSC and VRS

D. VSD and VSG

Correct Answer: C

Reference: https://www.nuagenetworks.net/wp-content/uploads/2020/06/Nuage_Networks_VSP_Data_Sheet_EN.pdf

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QUESTION 2

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 3

What statement regarding the VRS-G is FALSE?

A. The VRS-G is the software VXLAN/VLAN gateway of the Nuage VCS solution.

B. The VRS-G is deployed on a hypervisor, following the same deployment requirements as a regular VRS.

C. Virtual machines created on the hypervisor are attached to access ports on VRS-G.

D. The network ports on VRS-G point towards the Nuage overlay VXLAN network.

Correct Answer: B

This permits the bridging of the hypervisor-focused overlay networking and physical devices in the data center.

Reference: https://jujucharms.com/nuage-vrsg/

QUESTION 4

What statement about policy groups is FALSE?

A. Several vPorts (in the same or different subnets) can be associated with one policy group.

B. One vPort can be associated with multiple policy groups.

C. For an ingress security policy, if a hardware endpoint policy group is chosen as the source, the destination must also be hardware endpoints.

D. The policy group is the syntactic equivalent of the security group used by cloud management systems.

Correct Answer: A

QUESTION 5

Which statement is TRUE when comparing Virtual Machines and Containers?

A. Virtual Machines are faster to boot.

B. Contained do not need a CMS.

C. All Virtual Machines on the same hypervisor must run the same guest OS.

D. All Containers on the same host use the same OS kernel.

Correct Answer: D

Reference: https://www.nuagenetworks.net/blog/more-on-docker/

QUESTION 6

What is the difference between host vPort and bridge vPort?

A. A host vPort is provisioned on VRS-G, while a bridge vPort is provisioned on VSG.

B. A host vPort is provisioned for VLAN traffic, while a bridge vPort is for VxLAN traffic.

C. A host vPort only supports one VLAN, while a bridge vPort can be configured with multiple VLANs.

D. A host vPort requires static MAC address configuration, while a bridge vPort learns MAC addresses dynamically.

Correct Answer: A

Bridge vPort hosted in Nuage VSG/VSA Gateways Software, VRS and VRS-G hosted vPort

Reference: https://matscloud.blogspot.com/2017/06/nuage-networks-vsp-deep-dive.html

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QUESTION 7

What occurrence is NOT a problem facing a traditional data center network?

A. High packet loss due to the use of the 3-tier hierarchy.

B. Sub-optimal traffic flow.

C. About half of the bandwidth is not used due to links being disabled by STP.

D. High latency for some applications.

Correct Answer: B

Reference: https://nsl.cs.sfu.ca/teaching/13/880/surveyVirtualization.pdf

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QUESTION 8

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 9

What statement regarding VSD user management is TRUE?

A. We can create CMS user groups for each enterprise.

B. Each enterprise user belongs to only one user group.

C. Open LDAP and Active Directory can be integrated into VSD.

D. LDAP integration is configured at the VSD global level, and it is not configurable enterprise.

Correct Answer: B

Easy as adding them to a specific user group.

Reference: https://docs.adobe.com/content/help/en/target/using/administer/manage-users/enterprise/ property-channel.html

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QUESTION 10

What statement about stateful ACL entries is FALSE?

A. They can track both TCP and UDP flows.

B. They can be created in either ingress or egress directions.

C. A packet in the direction of the stateful ACL rules will automatically create a “related” rule in the reverse direction.

D. The automatically created rules will not go away until the ACL is manually deactivated and reactivated.

Correct Answer: D

QUESTION 11

What is NOT a function of VRS?

A. VxLAN tunneling

B. Detecting VM events

C. DHCP and ARP proxy

D. Libvirtd

Correct Answer: B

QUESTION 12

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