Latest Version: 12.0

Question: 1

What benefits does virtualization bring to a data center?

A. Mobility, flexibility, and better resource utilization.
B. Multitasking with prioritized process scheduling.
C. More processing power, memory and disk space.
D. Higher bandwidth, control plane simplification and reduced forwarding tables.

Answer: C

Reference: https://www.paessler.com/it-explained/virtualization

Question: 2

What statement best describes the concept of Policy-Based Automation provided by Nuage Networks?

A. The virtual machines are automatically instantiated according to the specific policy defined in the CMS.
B. Network devices as TOR/EOR switch, and leaf/spine routers, are automatically provisioned based on the configuration policy.
C. The Nuage Networks VCS solution can integrate with any CMS, operate on any hypervisor, and be deployed in any data center network.
D. The overlay network instances are automatically created according to the configuration details defined in a specific policy.

Answer: C

Question: 3

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.

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

Question: 4

Which of the following is a host-centric overlay solution for a modern data center?

A. SPBM
B. TRILL
C. VXLAN
D. VPLS

Explanation:
Modern data center, traditional technologies are limiting the speed, flexibility, scalability, and manageability of application deployments. There is emerging interest in the industry in overlay technologies (such as MPLS, VXLAN, LISP...)
Reference: https://community.cisco.com/t5/data-center-documents/cisco-data-center-overlays-with-focus-on- vxlan-slides-from/ta-p/3159545

Question: 5

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.

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