Huawei
H12-921_V1.0
HCIE-Data Center Network (Written) V1.0

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Question: 1

What are the correct terms of the following descriptions of underlays and overlay networks?

A. When implementing the overlay technology in the underlay network, the original underlay network needs to be modified to a certain extent
B. Overlay Routes for the network are generated by routes that are ingested into the underlay network
C. From the perspective of an overlay network, the underlay network is transparent to devices connected outside of the VXLAN tunnel endpoints
D. Underlay is logically isolated from overlay, and as long as the routes between tunnel endpoints are reachable, the failure of the underlay network will not directly affect the overlay network

Answer: C,D

Question: 2

How many core-layer switches are required in a typical 4-element Fat-Tree topology in an HPC solution?

A. 6
B. 4
C. 8
D. 2

Answer: B

Question: 3

Based on the multiple computing scenarios of Huawei' s CloudFabric intelligent lossless network solution, what are the correct descriptions of HPC cluster network design?

A. The HPC cluster network adopts a planar design that considers the business plane, management plane, and computing plane separately
B. High-performance computing networks are used for communication between computing nodes, requiring networks with low latency and high throughput, and are generally deployed as lossless networks
C. The service management network is used for cluster management, resource monitoring, and other related business operations, and is usually deployed as a TCP/IP lossy network
D. Both the high-performance computing network and the storage front-end network must be deployed independently to ensure high network performance and prevent mutual interference

Question: 4

Which of the following terms is NOT a hard disk media?

A. SAN
B. HDD
C. SSD
D. SCM

Answer: A

Question: 5

After installing a CloudFabric data center network based on iMasterNCEFabric, the connectivity test is performed in iMasterNCEFabric, and the result is displayed as "Failed.
Which of the following features is recommended for further detection?

A. Business simulation
B. Data consistency check
C. Single-path detection
D. Loop detection

Answer: C

Question: 6

In a CloudFabric intelligent lossless network, when the last two bits of the TOS field in the IP header are the following values, it means that the network is congested?

A. Valid value is 10
B. Value 01
C. Valid value is 11
D. A value of 00 is in place

Answer: C

Question: 7

What are the following descriptions of open source OpenStack components, and what are the errors?

A. The OpenStack architecture includes not only the components of computing, network, and storage, but also other module components such as orchestration and shared services
B. The OpenStack computing resource architecture adopts a multi-level architecture, from top to bottom: Region and Host Aggregate AZ
C. OpenStack controls and manages corresponding resources through the collaborative interaction of various components
D. OpenStack uses Ceilometer components to monitor business modules, including: Cinder, Neutron, Nova, Swift Glance

Answer: B,D

Question: 8

With respect to CloudFabric's ZTP scenario, which of the following types of servers does the device get the configuration file from?

A. Syslog server
B. Version File Server
C. DHCP server
D. Intermediate file servers

Answer: B

Question: 9

For CloudFabric-based data center networks, the iMaster NCE-Fabric controller can be used to connect network devices for service delivery and configuration management.
Which of the following is NOT the southbound interface between the controller and the network device?

A. NETCONF
B. OpenFlow
C. RESTful
D. gRPC

Answer: D

Question: 10

What are the following descriptions of micro-segmentation, and what are the errors?

A. Group members of the same EPG can communicate directly with each other, and there is no restriction on how they cannot communicate with each other
B. In the cross-device forwarding scenario, the destination EPG group number is written to the VXLAN packet header and forwarded to the remote VTEP
C. In the local forwarding scenario, the source VM and destination VM are on the same network device, and the EPG packet information is maintained on the network device
D. GBP is a flow control policy based on EPG packets + protocol number + port number, which specifies the flow control policies within EPG packets and between EPG packets

Answer: A,B

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