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Designing for Cisco Internetwork Solutions

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QUESTION 1
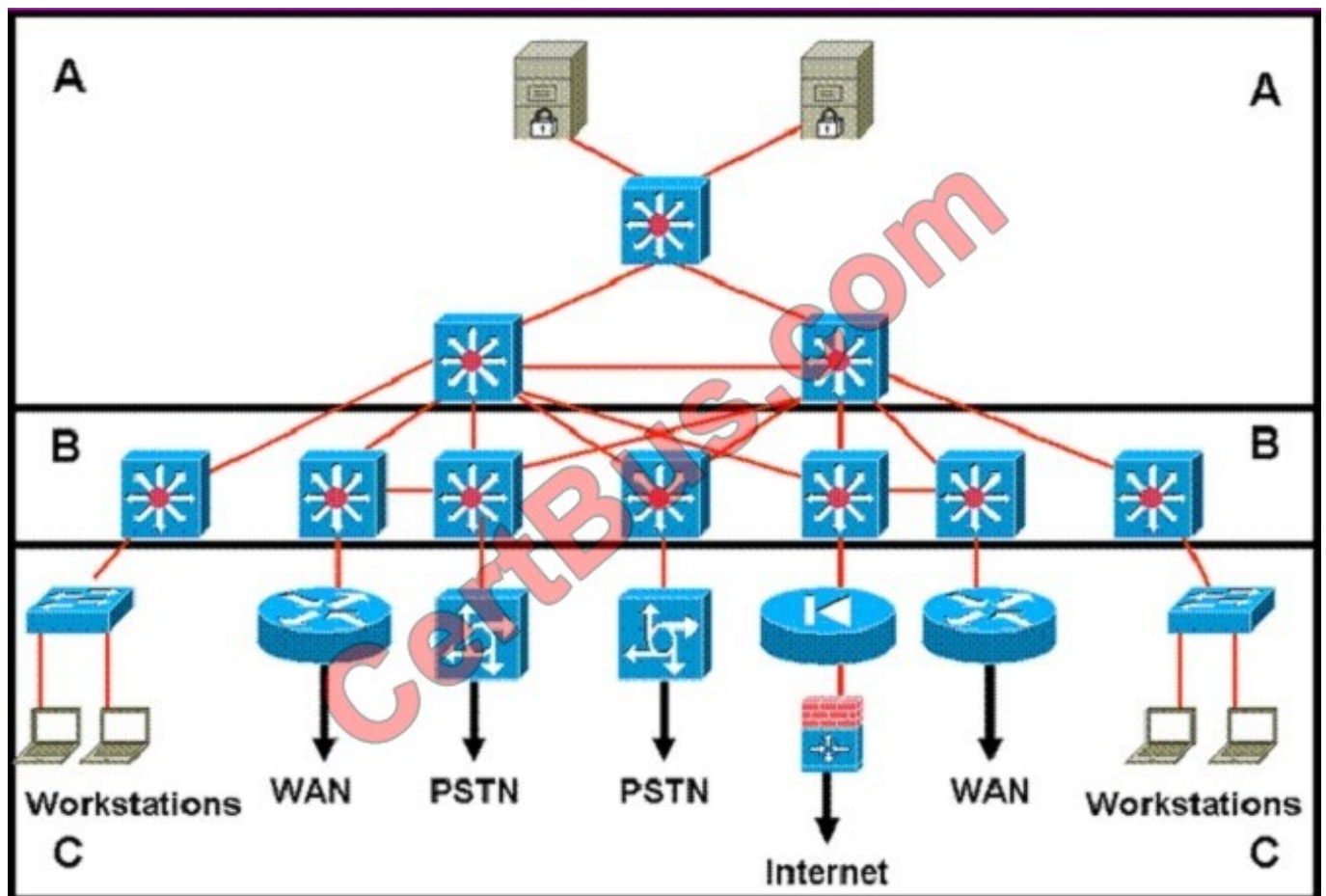
What two design best practices are key functions of the distribution layer? (Choose two.)

A. address summarization

B. fault domain isolation

C. end user and application isolation

D. admission control

E. QoS tagging

Correct Answer: AB

QUESTION 2

Refer to the exhibit.

Which statement accurately represents the characteristics of the core layer in this design?

A. QoS should only be performed only in the core.

B. Load balancing should never be implemented or used.

C. Access lists should be used in the core to perform packet manipulation.

D. Partial mesh should be used as long as it is connected to each device by multiple paths.

E. Policy-based traffic control should be implemented to enable prioritization and ensure the best performance for all time-critical applications.

Correct Answer: D

QUESTION 3

Drag the WAN technology on the left to the most appropriate category on the right.

Select and Place:

Correct Answer:

QUESTION 4

Which option best describes the high-level design document?

A. It includes specific information such as hardware models, software version, IP addressing, and routing protocols.

B. It contains the test plan to certify that the customer\\'s network is ready for use.

C. It contains the steps needed to install and configure the network equipment and the steps that verify basic network operation.

D. It includes business and technical requirements and the proposed network architecture.

Correct Answer: D

High-level design (HLD) explains the architecture that would be used for developing a software product. The architecture diagram provides an overview of an entire system, identifying the main components that would be developed for the product and their interfaces. The HLD uses possibly nontechnical to mildly technical terms that should be understandable to the administrators of the system

QUESTION 5

What is the virtual information store used within SNMP called?

A. MIB

B. RMON

C. Protocol data unit (PDU)

D. Abstract Syntax Notation One (ASN.1)

Correct Answer: A

QUESTION 6

Which virtualization solution provides redundancy using a pair of switches that appear as one logical switch and removes the need for a First Hop Redundancy Protocol?

A. VDC

B. VRRP

C. vPC

D. VSS

Correct Answer: D

QUESTION 7

Which statement describes the recommended deployment of DNS and DHCP servers in the Cisco Network Architecture for the Enterprise?

A. Place the DHCP and DNS servers in the Enterprise Campus Access layer and Enterprise branch.

B. Place the DHCP and DNS servers in the Enterprise Campus Server Farm layer and Enterprise branch.

C. Place the DHCP server in the Enterprise Campus Core layer and Remote Access_VPN module with the DNS server in the Internet Connectivity module.

D. Place the DHCP server in the Enterprise Campus Distribution layer with the DNS server in the Internet Connectivity module.

Correct Answer: B

For the Enterprise Campus, DHCP and internal DNS servers should be located in the Server Farm and they should be redundant. External DNS servers can be placed redundantly at the service provider facility and at the Enterprise branch.
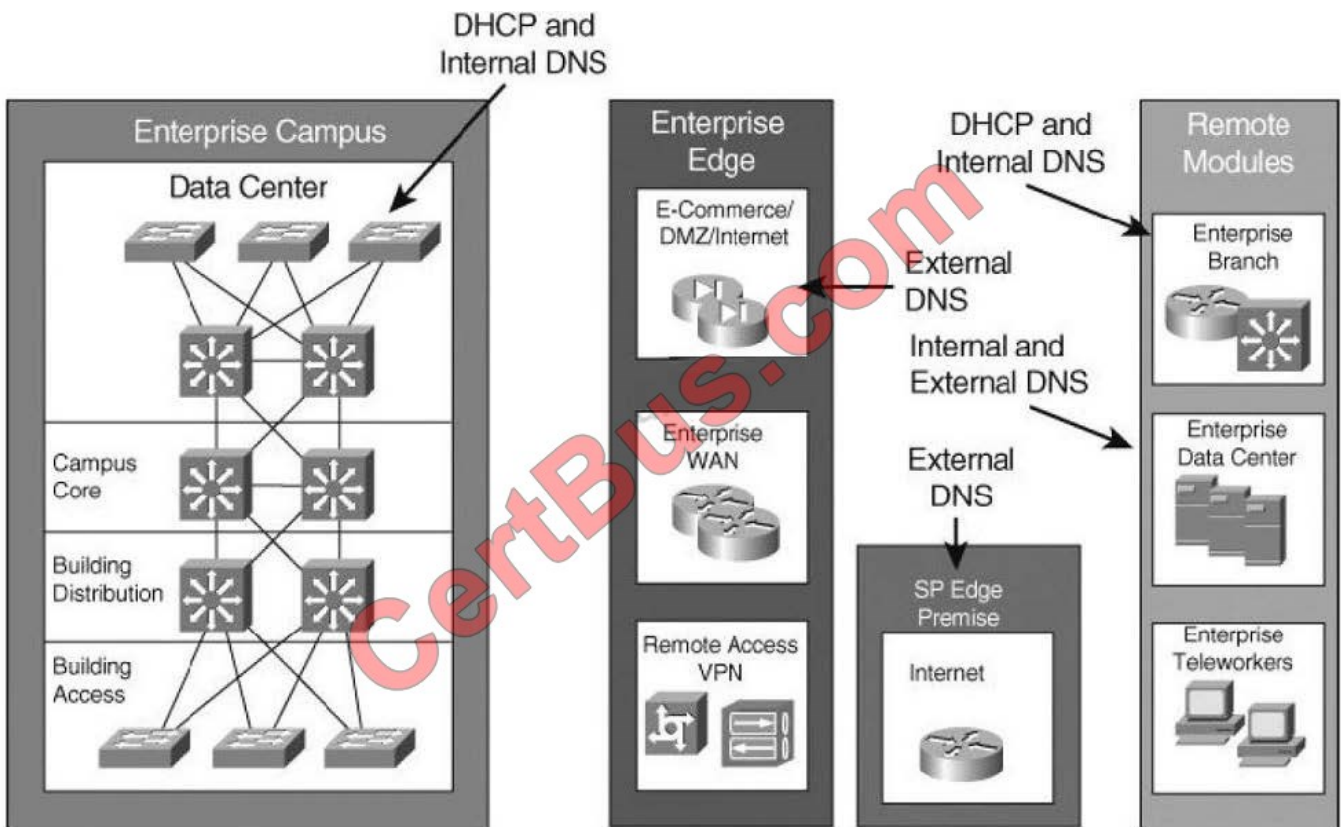
QUESTION 8

Which option characterizes normal traffic flow and performance of a network?

A. Utilization

B. Baseline

C. Availability

D. Bandwidth

Correct Answer: A

QUESTION 9

Which protocol is used for voice bearer traffic?
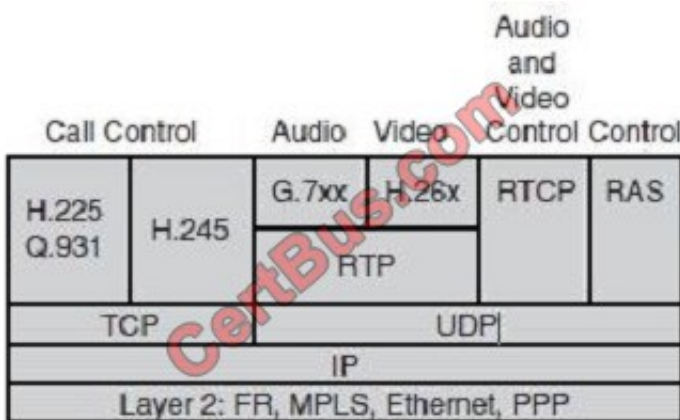
A. MGCP

B. RTP

C. SCCP

D. CDP

E. ICMP

Correct Answer: B

VoIP Control and Transport Protocols

A number of different protocols are used in a VoIP environment for call control, device provisioning, and addressing.

Figure 14-15 shows those protocols focused on VoIP control and transport.

QUESTION 10

You design a network with the following network addresses:

192.168.168.0

192.168.169.0

192.168.170.0

192.168.171.0

192.168.172.0

192.168.173.0

192.168.174.0

192.168.175.0

Which route address is the best summary of these network addresses?

A. 192.168.0.0/24

B. 192.168.171.128/3

C. 192.168.168.0/21

D. 192.168.175.0/3

E. 192.168.0.0/16

Correct Answer: C

QUESTION 11

What does FCAPS stand for?

A. Fault, caching, application, production, security

B. Fault, configuration, accounting, performance, security

C. Fiscal, communication, application, production, security D. Fault, consolidation, accounting, performance, security

Correct Answer: B

QUESTION 12

Which three statements are true regarding the virtual interface on a Cisco Wireless LAN Controller? (Choose three.)

A. supports mobility management

B. serves as a DHCP relay

C. used for all controller to AP communication

D. supports embedded Layer 3 security

E. default for out-of-band management

F. default for in-band management

G. provides connectivity to AAA servers

Correct Answer: ABD

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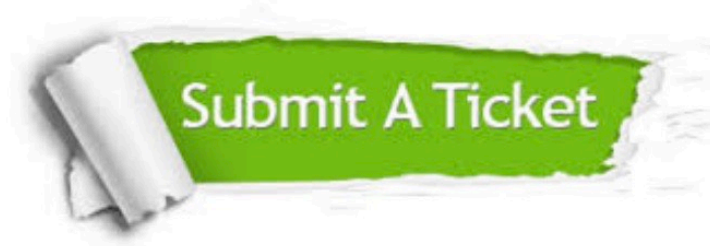
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