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Exam Questions 600-211

Implementing Cisco Service Provider Mobility CDMA
Networks

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CDMA

QUESTION 1

Which interface carries signaling information between PCF and PDSN?

- A. A8
- B. A9
- C. A10
- D. A11

Correct Answer: D

QUESTION 2

Which underlying protocol is used for RADIUS messages in CDMA?

- A. TCP
- B. SCTP
- C. UDP
- D. ICMP

Correct Answer: C

MIP_Proxy MIP_Simple IP

QUESTION 1

Which protocol is used during PPP negotiation to assign an IP address to the mobile device for a simple IP

call?

- A. LCP
- B. IPCP
- C. CHAP
- D. EAP

Correct Answer: B

QUESTION 2

Which is an attribute in MIP RRQ?

- A. Correlation ID



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- B. NAS-Identifier
- C. Framed-IP-Address
- D. Care-of-Address
- E. Framed-Interface-ID

Correct Answer: D

QUESTION 3

Which bit in HA Registration Revocation message is used by PDSN/FA to determine Mobile notification?

- A. 'A' bit
- B. 'I' bit
- C. 'M' bit
- D. 'R' bit

Correct Answer: B

QUESTION 4

What interface uses PMIPv6?

- A. S1
- B. S2a
- C. S6a
- D. STa

Correct Answer: B

QUESTION 5

Where does the UE/Mobile obtain its IPv6 prefix?

- A. The address prefix from HSGW VSNCP message
- B. The address prefix from HSGW Router Advertisement
- C. The address prefix from HSGW Neighbor Solicitation
- D. The address prefix from HSGW Router Solicitation

Correct Answer: B

Diameter_MPC centric

QUESTION 1

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Which two messages are used by Diameter Base Protocol? (Choose two.)

- A. Capabilities Exchange Request
- B. Capabilities Exchange Answer
- C. Device Exchange Request
- D. Device Exchange Answer
- E. Registration Request
- F. Registration Response

Correct Answer: AB

QUESTION 2

Which RFC specifies the Diameter base protocol?

- A. RFC 6733
- B. RFC 6408
- C. RFC 3958
- D. RFC 4006

Correct Answer: A

QUESTION 3

Which two Transport layer protocols are used by Diameter Base Protocol? (Choose two.)

- A. TCP
- B. UDP
- C. DCCP
- D. SSDP
- E. RSVP
- F. SCTP

Correct Answer: AF

QUESTION 4

Which task facility in the Cisco ASR 5000 maintains Diameter connections?

- A. diamproxy
- B. diameter



C. demuxmgr

D. connproxy

Correct Answer: A

QUESTION 5

Which query is used in Diameter peer discovery to obtain the IP address of the selected service in DNS?

A. NAPTR

B. SRV

C. AAAA

D. NSAP-PTR

Correct Answer: A

QUESTION 6

Which two result codes in CCA-U from primary Online Charging System (OCS) will terminate a subscriber's session when two OCS are configured along with failover support for the session? (Choose two.)

A. 5030 (USER-AUTHORIZATION-REJECTED)

B. 5003 (USER-UNKNOWN)

C. 3005 (DIAMETER_LOOP_DETECTED)

D. 3002 (DIAMETER_UNABLE_TO_DELIVER)

E. 3004 (DIAMETER_TOO_BUSY)

F. 2002 (DIAMETER_LIMITED_SUCCESS)

Correct Answer: AB

QUESTION 7

Select and Place:

Correct Answer:

Tunneling Protocols

QUESTION 1

Which option describes the GRE protocol?

A. The GRE protocol performs encapsulation of IP packets for transport between networks



- B. The GRE protocol can perform both encryption and encapsulation of IP packets between networks
- C. The GRE protocol can perform encapsulation of IP routing protocol traffic only
- D. The GRE protocol performs encryption of IP packets for transport between networks

Correct Answer: A

QUESTION 2

What two tunneling protocols does Mobile IPv4 use? (Choose two.) ?

- A. IP-in-IP
- B. GRE
- C. IPSec
- D. SSL
- E. SSH
- F. IP over UDP

Correct Answer: AB

QUESTION 3

PDSN Simple IP LAC services can be applied to incoming PPP sessions using what two methods on the Cisco ASR 5000? (Choose two.)

- A. Attribute-based tunneling
- B. PDSN Service-based compulsory tunneling
- C. IPSec Transport mode
- D. IPSec Tunneling mode
- E. Dynamic Attribute tunneling
- F. Proxy Based Tunneling Control

Correct Answer: AB

QUESTION 4

What command will display information pertaining to a L2TP session of a specific subscriber on the Cisco ASR 5000?

- A. show l2tp session full username <username>
- B. show l2tp session all username <username>



C. show l2tp statistics username <username>

D. show l2tp username <username> details

Correct Answer: A

QUESTION 5

IPSec Encapsulating Security Payload uses what IP protocol number?

A. 50

B. 47

C. 16

D. 51

Correct Answer: A

QUESTION 6

What command must be used to enable IPSec on the Foreign Agent service for the Cisco ASR 5000?

A. ikev1 peer-ha <ha address> crypto-map <map name> secret <shared secret>

B. ikev1 peer-fa <fa address> crypto-map <map name> key <shared key>

C. ikev1 peer-ha <ha address> crypto-map <map name> key <shared key>

D. ikev1 peer-fa <fa address> crypto-map <map name> secret <shared secret>

Correct Answer: A

QUESTION 7

Which statement best describes the role the Cisco ASR 5000 serves when implemented as a MPLS-CE?

A. The Cisco ASR 5000 maintains its own VRF routes and exchanges VPN route information via MPeBGP

B. The Cisco ASR 5000 acts as a ASBR and shares VPN route information via MP-iBGP with peers outside of its AS

C. The Cisco ASR 5000 shares the same Autonomous System and is configured within the same MPLS core as its peers

D. The Cisco ASR 5000 shares VPN routing information via MP-iBGP and is located within the same Autonomous System as its peers

Correct Answer: A

Home Agent_3G CDMA



QUESTION 1

What is the default port used for in Mobile IP Registration messages between FA and HA?

- A. UDP port 434
- B. TCP port 3868
- C. TCP port 434
- D. UDP port 3868

Correct Answer: A

QUESTION 2

Which interface is used to establish a Mobile IP tunnel between the PDSN/FA and HA?

- A. AAA interface
- B. PDN interface
- C. Pi interface
- D. R-P interface

Correct Answer: C

QUESTION 3

What is the result of the "authentication mn-aaa renew-and-dereg-noauth" configuration command on the

Cisco ASR 5000 HA?

- A. HA service will not perform authentication for mobile node re-registrations and de-registrations
- B. HA service will not perform authentication for initial registrations and re-registrations
- C. HA service will not perform authentication for mobile node re-registrations
- D. HA service will not perform authentication for any mobile node in spite of provided mn-aaa

Correct Answer: A

QUESTION 4

Which configuration in an AAA group defines the attribute name by which the system will be identified in

Access-Request messages from HA?

- A. radius attribute nas-identifier
- B. radius attribute authentication nas-port-type



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C. radius attribute authentication imsi

D. radius dictionary 3gpp2

Correct Answer: A

QUESTION 5

Refer to the exhibit.

How would HA select a default server for accounting?

A. Random, HA randomly picks up a server

B. Round-robin, HA distribute messages across all servers

C. Relative priority, HA selects the highest priority server