

Vendor: Cisco

Exam Code: 600-211

Exam Name: Implementing Cisco Service Provider

Mobility CDMA Networks (SPCDMA)

Version: Demo

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
- 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

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:

Drag the Cisco ASR 5000 Diameter applications on the left to match the associated interfaces on the right.	
Diameter authentication	Gy interface
Accounting policy for off-line charging	Gx interface
IMS Authorization	Rf interface
Diameter Credit-Control Application	STa interface

Correct Answer:

Drag the Cisco ASR 5000 Diameter applications on the left to match the associated interfaces on the right.	
	Diameter Credit-Control Application
	IMS Authorization
	Accounting policy for off-line charging
	Diameter authentication

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 I2tp session full username <username>
- B. show I2tp session all username <username>
- C. show I2tp statistics username <username>
- D. show I2tp 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
- C. radius attribute authentication imsi
- D. radius dictionary 3gpp2

Correct Answer: A

QUESTION 5

Refer to the exhibit.

```
aaa group default
radius accounting server 10.10.1.100 key certification priority 1
radius accounting server 10.10.2.100 key certification priority 2
radius accounting server 10.10.3.100 key certification priority 3
```

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

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