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Exam : Acme Packet AP0-001

**Title : Configuration and
Administration Basics**

Update : DEMO



1. When configuring the allow-anonymous parameter in the SIP port element, a value of _____ may be configured to allow access only from user agents who have previously registered through the Net-Net 4000 or who are configured as session agents.

- A. registered
- B. agents-only
- C. realm-prefix
- D. prev-registered

Answer: A

2. If upon examination of two configuration files you notice that the version number of the permanently saved configuration differs from the version number of the running configuration, it means that _____.

- A. the saved configuration file has been edited, but the done command was not issued
- B. the saved configuration file has been copied from flash into SDRAM using the save-config command
- C. the saved configuration file has been saved into flash, but the activate-config command has not been issued
- D. the saved configuration file was copied from flash into SDRAM using the activate-config command

Answer: C

3. Of the following configured local policy preferences that the Net-Net 4000 sorts through, which one of the four preference discriminators listed below would be ranked the second highest priority?

- A. codec
- B. lowest cost
- C. next hop
- D. realm

Answer: A

4. Steering pools are realm specific, and by limiting the number of _____ provide constraints on the number of concurrent RTP sessions allowed on the Net-Net 4000.

- A. UDP ports

- B. slots
- C. IP addresses
- D. Realms

Answer: A

5. _____ is/are stored in SDRAM.

- A. Licensing information
- B. Boot parameters
- C. Passwords
- D. Logs

Answer: D

6. Which one of the following statements about SIP is FALSE?

- A. The Via header field indicates the transport used for the transaction.
- B. The Contact header field provides a SIP or SIPS URI that can be used to contact that specific instance of the UA for subsequent requests.
- C. A SIP transaction consists of a single request and any responses to that request, which include zero or more provisional responses and one or more final responses.
- D. A dialog is identified at each UA with a dialog ID, which consists of a Call-ID value, a Contact and a Request URI.

Answer: D

7. When SIP sessions are terminated and re-originated as they flow through the Net-Net 4000, the _____ is rewritten to force all session related media to be routed through Net-Net 4000.

- A. Via
- B. From
- C. SDP
- D. Contact

Answer: C

8. Which one of the four statements below about Session Initiation Protocol (SIP) is FALSE?

- A. SIP provides for resource reservation.
- B. SIP works with both IPv4 and IPv6.
- C. SIP can run on top of either UDP or TCP as the transport protocol.
- D. SIP can be used to invite participants to an already existing session.

Answer: A

9. In this scenario, the User Agents (UAs) are both SIP-enabled phones. What is the correct order of this basic SIP message flow?

- 1)The UAC initiates the session with an INVITE.
- 2)The UAS sends a 200 OK message indicating that the request has succeeded.
- 3)Media is exchanged bidirectionally.
- 4)The UAS sends a 100 Trying response back to the UAC
- 5)The UAC sends a BYE message. This is followed by a 200 OK final response message sent by the UAS.
- 6)The UAS sends a 180 Ringing message.
- 7)The UAC sends an ACK message confirming that it has received a final response to INVITE.

- A. 1,2,4,6,7,5,3
- B. 1,4,6,2,7,3,5
- C. 1,7,4,6,3,2,5
- D. 1,4,2,7,6,3,5

Answer: B

10. Which two of the following statements regarding SIP processing are FALSE?

- A. An initial INVITE will contain a From header tag and a To header tag as a globally unique identifier for the dialog.
- B. To avoid retransmissions, User Agents must forward received 100 Trying messages to their next hop.
- C. Calls Per Second are typically measured using a 7-10 message SIP call flow including call set-up and tear down.
- D. The combination of the To tag, From tag, and Call-ID completely defines a peer-to-peer SIP relationship

and is referred to as a dialog.

Answer: AB

11. A(n) _____ is an association between a globally unique SIP or SIPS URI and the user agents contact address. This association is written by the registrar server to a database where it can be used by a proxy in the local domain.

- A. location record
- B. AOR
- C. binding
- D. public address

Answer: C

12. SIP is an Application layer control protocol that performs which two of the following functions?

- A. Establishment, modification and termination of multimedia sessions.
- B. Provides resource reservation for multimedia sessions.
- C. Supports redirection services.
- D. Describes the supported media attributes for the session.

Answer: Ac

13. Which one of the following statements about the SIP-NAT is TRUE?

- A. The Net-Net 4000 uses the SIP-NAT element to rewrite the contact-URI, the Via header and the SDP.
- B. The Net-Net 4000 uses the SIP-NAT to provide translation between a home address space and an external address space.
- C. The Net-Net 4000 uses the SIP-NAT to act as a service pipe to SIPD.
- D. You must have at least one SIP-NAT to route traffic between realms.

Answer: B

14. You configure the _____ and _____ elements to use the Net-Net 4000 to perform load balancing between two downstream SIP proxies.

- A. realmsteering pool

- B. local policy session agent group
- C. session router session router group
- D. proxy proxy pool

Answer: B

15. Using the command `show redundancy sipd`, redundancy statistics and transactions are displayed. Which 3 of the following statistics provide information about the state of SIP signaling checkpointing?

- A. CPU Utilization
- B. Error responses
- C. Retransmissions sent
- D. Duplicate requests

Answer: BCD

16. When the Adaptive Hosted NAT Traversal feature is enabled, the Net-Net 4000 will _____.

- A. send PING messages to dynamically learn the binding time of a endpoint behind a NAT device
- B. send OPTIONS methods at a defined incrementing period to dynamically see if an endpoint behind a NAT device is still reachable
- C. create bindings for the Addresses of Record of endpoints that are not behind a NAT
- D. create bindings for the Addresses of Record of endpoints that are behind a NAT

Answer: B

17. What sip-config option will suppress the inclusion of a registration cache cookie in the Contact header of messages forwarded?

- A. `reg-mode=no cache`
- B. `reg-cache-mode=none`
- C. `reg-mode=none`
- D. `reg-cache-mode=no cache`

Answer: B

18. What sip-config option will limit the number of routes that the Net-Net 4000 attempts after prioritizing all

local policies for a new inbound SIP call?

- A. max-routes
- B. route-limit
- C. next-hops
- D. hop-limit

Answer: A

19. How does the Net-Net 4000 ensure that the pinholes are kept open for persistent communication to SIP endpoints behind a NAT device?

- A. By sending OPTIONS messages at a defined frequency
- B. By sending ARP requests at a defined frequency
- C. By changing the expires= parameter to a defined value in 200 OK responses to REGISTERs
- D. By changing the expires= parameter to a defined value in 200 OK responses to INVITEs

Answer: C

20. When the nat-traversal parameter is set to always the Net-Net 4000 compares the _____ and the Layer-3 source address to determine whether the endpoint is behind a NAT device and further compares the _____ to the Layer-3 source address to determine whether to add the registration to its registration cache.

- A. sent-by of the top most Via headerhost address of the Contact URI
- B. sent-by of the bottom most Via headerhost address of the Contact URI
- C. From addresshost address of the Contact URI
- D. host address of the Contact URIFrom address

Answer: A

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