

Oracle

Exam Questions 1Z0-404

Oracle Communications Session Border Controller 7 Basic Implementation Essentials



NEW QUESTION 1

You were working with the Session Border Controller in configuration mode and you forgot to close your session. Your colleague who connected after you left says that he cannot enter into configuration mode.

Why is your colleague not able to configure the Session Border Controller?

- A. The Session Border Controller does not allow more than one configuration session within 24 hours.
- B. The Session Border Controller does not support Telnet/SSH timeouts.
- C. The Session Border Controller supports only one simultaneous configuration session, and the Telnet/SSH timeouts are set to 0.
- D. The Session Border Controller supports only 10 simultaneous configuration sessions.
- E. The Session Border Controller supports only five simultaneous Telnet/SSH sessions.

Answer: C

NEW QUESTION 2

Examine the output below from the show sipd invite command:

```
training1# show sipd invite
INVITE (18:27:20-140)
-----Server-----
Message/Event      Recent      Total      PerMax
INVITE Requests    1247        47051      1156
Retransmissions    0           0           0
100 Trying          1247        47051      1156
180 Ringing         1196        46059      1156
200 OK              1171        44113      1029
408 Request Timeout 49           941        76
487 Terminated     21          1869       173
503 Service Unavail 0            1           1
600 Busy Everywhere 4            161        13
Response Retrans   0            45         6
Transaction Timeouts 95          1748       138
-----Client-----
```

How many 600 Busy Everywhere messages sent by the Session Border Controller in the last 140 seconds did not originate from a downstream device?

- A. 157
- B. 13
- C. 4
- D. 161

Answer: B

NEW QUESTION 3

Which three options are valid ways to apply Header Manipulation Rules (HMRs) to your existing configuration?

- A. Navigate to the network-interface configuration element and configure the in-manipulationid parameter.
- B. Navigate to the session-agent configuration element and configure the in-manipulationid parameter.
- C. Navigate to the sip-interface configuration element and configure the in-manipulationid parameter.
- D. Navigate to the session-agent configuration element and configure the in-manipulationid parameter.
- E. Navigate to the session-group configuration element and configure the in-manipulationid parameter.

Answer: ABC

NEW QUESTION 4

Your customer would like to allow call attempts only from User Agents(UAs) who have previously registered through the Session Border Controller or who are configured as session agents.

How would you accomplish this?

- A. Navigate to the sip-port configuration element and set the allow-anonymous parameter to agents-only.
- B. Navigate to the session-agent configuration element and set the allow-anonymous parameter to prev-registered.
- C. Navigate to the sip-port configuration element and set the allow-anonymous parameter to realm-prefix.
- D. Navigate to the sip-port configuration element and set the allow-anonymous parameter to registered.
- E. Navigate to the session-agent configuration element and set the allow-anonymous parameter to 403-forbidden.

Answer: D

NEW QUESTION 5

You are troubleshooting a SIP routing issue and you have access to the SIP call log processed by the Session Border Controller.

Which two steps are valid for troubleshooting this type of issues? (Choose two.)

- A. It is necessary to locate the SIP session to troubleshoot and check if there is a 404 Routes Not Found SIP error message.
- B. It is recommended to look for 183 Session Progress SIP error messages that indicate routing issues.
- C. It is recommended to check the called number by looking at the Request-URI of the INVITE message and making sure it is a valid number to be routed.
- D. It is recommended to find the CANCEL method received by the Session Border Controller which typically identifies a SIP routing issue.
- E. It is necessary to find an initial INVITE received by the Session Border Controller which gets a 503 Service Unavailable SIP error message.

Answer: BE

NEW QUESTION 6

What does the Session Border Controller do when the Adaptive Hosted NAT (HNT) feature is enabled?

- A. It sends a periodic re-register command to each endpoint behind a NAT.
- B. It creates a binding for the Address of Record (AOR) of an endpoint that is behind a NAT.
- C. It creates a binding for the Address of Record (AOR) of an endpoint that is NOT behind a NAT.
- D. It sends SIP OPTIONS at increasing intervals to test if an endpoint behind a NAT device is still reachable.
- E. It sends ICMP PINGs to dynamically learn the binding time of an endpoint behind a NAT device.

Answer: C

NEW QUESTION 7

You are configuring the boot parameters in the Session Border Controller. Which three statements are true about the boot parameters? (Choose three.)

- A. A reboot is always required to apply any change to the boot parameters.
- B. The target name is used for domain name resolution.
- C. The system clock is a boot parameter.
- D. The boot parameters are stored in Non-Volatile Random Access Memory (NVRAM).
- E. The boot parameters are not affected by the activate-config command.

Answer: ACD

NEW QUESTION 8

Which configuration step is required to route a SIP call based on the value of the SIP INVITE Request-URI?

- A. Navigate to the policy-attribute configuration element and configure the from-address parameter to match the Request-URI value.
- B. Navigate to the policy-attribute configuration element and configure the to-address parameter to match the Request-URI value.
- C. Navigate to the local-policy configuration element and configure the from-address parameter to match the Request-URI value.
- D. Navigate to the local-policy configuration element and configure the to-address parameter to match the Request-URI value.
- E. Navigate to the local-policy configuration element and configure the destination-address parameter to match the Request-URI value.

Answer: C

NEW QUESTION 9

You are examining a SIP packet. There is no final response to the ACK method. What is the reason for this?

- A. The ACK method was defined only in RFC 2543 and it has been deprecated.
- B. The ACK method is part of the INVITE transaction.
- C. The ACK method is an exception in RFC 3261.
- D. The ACK method is an optional SIP method.
- E. The ACK method was replaced with the CANCEL method in RFC 3261.

Answer: B

NEW QUESTION 10

You want to prevent the Session Border Controller from generating a unique Call-ID and from modifying the dialog tags. How would you accomplish this?

- A. Navigate to the sip-interface configuration element and set the dialog-transparency parameter to disabled.
- B. Navigate to the sip-config configuration element and set the dialog-mapping parameter to disabled.
- C. Navigate to the sip-config configuration element and set the call-id-transparency parameter to disabled.
- D. Navigate to the sip-config configuration element and set the dialog-transparency parameter to disabled.
- E. Navigate to the sip-config configuration element and set the dialog-transparency parameter to enabled.

Answer: E

Explanation:

Reference <http://luccisun.webfactional.com/sbc/SBC/NNSBCNOTE.html>

NEW QUESTION 10

What mechanism is used to ensure adjacent devices can redirect their Ethernet traffic to the Session Border Controller that takes over, when a Session Border Controller fails over?

- A. Gratuitous ARP
- B. Reverse ARP
- C. Proxy ARP
- D. HSRP
- E. BOOTP

Answer: B

NEW QUESTION 15

Which two statements are true about dynamic realm bridging? (Choose two.)

- A. Egress realm can be any, depending on time-of-day, called number, and so on.
- B. Dynamic realm bridging is the routing of a signaling message coming from a given ingress realm to a next hop in an egress realm.

- C. Dynamic realm bridging is a one-to-one association accomplished by using SIP-NAT.
- D. Ingress and egress realms are unconditionally paired.
- E. Dynamic realm bridging decisions are based solely on layer 3 (IP) information.

Answer: AB

NEW QUESTION 20

Which two functionalities are provided by Session Border Controllers? (Choose two.)

- A. they span multiple networks and provide edge proxy functions between them
- B. they are session-aware devices that enable control of end-to-end interactive communications across PSTN network borders
- C. they enable premium interactive services across IP network borders by complementing existing edge routers
- D. they provide routing functions for IP, TCP, and SMTP using application parameters.
- E. they replace typical edge routers and firewalls in order to provide a unified network border for signaling and media control

Answer: AC

NEW QUESTION 23

Which SIP headers in an incoming SIP message to the Session Border Controller are used by a local-policy configuration element for routing?

- A. From and To headers
- B. From header and Request-URI
- C. Call-Id header
- D. Contact header
- E. Via and To headers.

Answer: D

NEW QUESTION 25

Which two statements are correct about configuring realms and their corresponding interfaces? (Choose two.)

- A. You can associate multiple home realms with a single network interface.
- B. You can configure more than one SIP interface per realm.
- C. Although you can use both TCP and UDP concurrently as the transport protocol, you can only have one SIP interface per realm.
- D. You can associate multiple realms with a single network interface.
- E. You can associate multiple network interfaces with a single realm only when either TCP or UDP is used as the transport protocol.

Answer: CD

NEW QUESTION 30

Which action triggers the 180 Ringing response in a User Agent Client (UAC)?

- A. the subscription to a SIP presence service
- B. the generation of a remote ring-back tone
- C. the generation of a local ring-back tone
- D. the establishment of a SIP session
- E. the termination of a SIP session

Answer: C

NEW QUESTION 32

Which configuration step is correct for a phy-interface configuration element used for signaling and/or media?

- A. A phy-interface element must be configured for each interface used for High Availability(HA) heartbeats, but not for signaling and/or media.
- B. After configuring a phy-interface configuration element for signaling and/or media, a reboot of the Session Border Controller is required.
- C. A phy-interface configuration element must be configured for each interface used.
- D. A unique phy-interface configuration element is created for all signaling/media interfaces.
- E. A phy-interface configuration element for signaling and/or media has the operation-type parameter set to control.

Answer: B

NEW QUESTION 36

Which three statements are true about SIP, per RFC 326? (Choose three.)

- A. SIP does not provide for resource reservation.
- B. SIP defines native methods for negotiating media streams.
- C. A SIP transaction occurs between a client and a server.
- D. To set up a voice session, SIP relies on protocols such as SDP and RTP.
- E. SIP signaling can only be used for voice over IP thereby limiting its use as a general signaling protocol.

Answer: CDE

NEW QUESTION 39

From which Session Border Controller node in a high availability (HA) pair, could a network administrator trigger a system switchover manually by issuing the notify berpd force command?

- A. Secondary only
- B. Active node that no longer has a heartbeat
- C. Standby only
- D. Active only
- E. Standby orActive

Answer: D

NEW QUESTION 42

You used the no command to delete a configuration element. Which statement is true?

- A. The deletion is lost on immediate reboot.
- B. The deletion is reflected when viewing the running configuration.
- C. The deletion takes effect immediately in the saved configuration.
- D. The deletion always requires a reboot to take effect.
- E. The deletion requires auto-save enabled.

Answer: A

NEW QUESTION 47

Which two statements describe the functions of Session Border Controllers? (Choose two.)

- A. they replace typical edge routers and firewalls in order to provide a unified network border for signaling and media control
- B. they are session-aware devices that enable control of end-to-end interactive communications across IP network borders
- C. they are based on the Windows operating system
- D. they provide routing functions for IP, TCP, and SMTP using application parameters
- E. they provide signaling proxy functions for SIP, H.323, and MGCP, which includes access control, signaling constraints, and topology hiding

Answer: AE

NEW QUESTION 49

CORRECT TEXT

Which statement is true about the Host In Path (HIP) feature in the Session Border Controller?

- A. By default, the Session Border Controller's FTP, ICMP, SNMP, and Telnet services cannot be accessed via the management interfaces.
- B. To enable these services (FTP, ICMP, SNMP, and Telnet services), the enable host-in-path command must be executed from the superuser mode.
- C. To enable these services, the Session Border Controller includes a software license that enables administrative traffic over the media interfaces.
- D. By default, the Session Border Controller's FTP, ICMP, SNMP, and Telnet services cannot be accessed via the media interfaces.
- E. These four fields (FTP, ICMP, SNMP, and Telnet services) are collectively known as the Host Interface Priority.

Answer: A

Explanation:

Reference https://docs.oracle.com/cd/E52358_01/doc/sbc_scx620_aclconfiguration.pdf

NEW QUESTION 52

You configured the Session Agent Group (SAG) element. You want the Session Agent to be selected in the order in which they are listed in the destination list, with each agent selected in turn, one per session. How would you accomplish this?

- A. Navigate to the session-agent configuration element and set the strategy parameter to sequential.
- B. Navigate to the session-agent configuration element and set the strategy parameter to propdist.
- C. Navigate to the session-agent configuration element and set the strategy parameter to hunt.
- D. Navigate to the session-agent configuration element and set the strategy parameter to roundrobin.
- E. Navigate to the session-agent configuration element and set the strategy parameter to leastbusy.

Answer: D

NEW QUESTION 56

After configuring Header Manipulation Rules (HMRs) for topology hiding, your subsequent testing shows that the manipulation is not taking effect. Identify two causes for this (Choose two.)

- A. You have not configured the out-manipulationid parameter of the sip-interface configuration element.
- B. You have not enabled policy-based realm-bridging.
- C. The value of the name parameter in the header-rule configuration element is different than the value of the out-manipulationid parameter in the sip-interface configuration element.
- D. The value of the match-val-type parameter is not written correctly.
- E. The home-proxy-address value does not match the \$LOCAL_IP value in the new-value parameter.

Answer: AE

NEW QUESTION 61

The Session Border Controller needs to be configured to act as a Back-to-Back User Agent (B2BUA). How would you accomplish this?

- A. Navigate to the sip-config configuration element and set the operation-mode to stateless.
- B. Navigate to the sip-config configuration element and set the operation-mode to dialog.

- C. Navigate to the sip-config configuration element and set the operation-mode to stateful.
- D. Navigate to the session-router configuration element and set the operation-mode to dialog.
- E. Navigate to the session-router configuration element and set the operation-mode to none.

Answer: B

NEW QUESTION 63

You are configuring access rules in a Session Border Controller Peering architecture. Which configuration step is required to allow access from any User Agent (UA)?

- A. Navigate to the sip-port configuration element and set the allow-anonymous parameter to all.
- B. Navigate to the realm-config configuration element and set the addr-prefix parameter to the IP subnet of your trusted User Agent (UA).
- C. Navigate to the sip-port configuration element and set the allow-anonymous parameter to address-prefix.
- D. Navigate to the session-agent configuration element and set the ip-address parameter to the IP subnet of your trusted User Agent (UA).
- E. Navigate to the sip-port configuration element and set the allow-anonymous parameter to agents-only.

Answer: A

NEW QUESTION 65

What is the first thing you must do when setting up the boot parameters of the Session Border Controller?

- A. reset the system clock
- B. know the superuser mode password and access the configuration mode
- C. disable FTP access to the wancom0 management interface
- D. obtain the bootparam license
- E. verify the configuration by executing the verify-config command

Answer: D

NEW QUESTION 67

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