

1Z0-404 Dumps

Oracle Communications Session Border Controller 7 Basic Implementation Essentials

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NEW QUESTION 1

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 2

You are configuring access rules in a Session Border Controller Peering architecture.

Which two configuration steps are required to allow access only from User Agents (UAs) in a specific IP subnet? (Choose two.)

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

Answer: BC

NEW QUESTION 3

You made a configuration change to a media interface.

Which command must be executed to commit the change to volatile (RAM) memory?

- A. From configuration mode, execute the done command.
- B. From superuser mode, execute the write-config command.
- C. From user mode, execute the save-config command.
- D. From user mode, execute the commit-config command.
- E. From superuser mode, execute the save-config command.

Answer: A

Explanation: Reference <http://www.oracle.com/webfolder/technetwork/acmepacket/Additional%20Technical%20Solution%20Documentation/SFB%20video%20ESBC.pdf>

NEW QUESTION 4

You are configuring a sip-interface configuration element. You encounter the error message: Error 409 saving configuration SipInterface. Identify the cause of the error.

- A. You are creating a sip-port element with the same address parameter value of another sip-port.
- B. You are creating a sip-port element with the same port parameter value of another sip- port.
- C. You are creating a sip-port element with the same transport-protocol parameter value of another sip-port.
- D. You are creating a sip-interface element with the same realm-id parameter value of another sip-interface.
- E. You are creating a sip-interface element with a different realm-id parameter value of another sip-interface.

Answer: B

NEW QUESTION 5

Which two statements are true about SIP response code handling on the Session Border Controller? (Choose two.)

- A. The Session Border Controller will originate a 503 when there are no steering pool ports available.
- B. The Session Border Controller will originate a 403 response when bandwidth allocated to a realm has been exhausted.
- C. The Session Border Controller cannot originate 3xx class redirect responses.
- D. By default, the Session Border Controller will recurse on the 6xx messages.
- E. The Session Border Controller can transmit a different SIP response code than it received.

Answer: AC

NEW QUESTION 6

How does the SIP registrar server maintain the registered user's information in its database?

- A. by querying a DNS server
- B. by querying an ENUM server
- C. by creating a registration cache entry, which is an association between a layer 3 IP address and the User Agent (UA) Via address
- D. by creating a location record, which is an association between the Call-ID and the User Agent (UA) Contact address
- E. by creating a binding, which is an association between a globally unique SIP URI and the User Agent (UA) Contact address

Answer: D

NEW QUESTION 7

What should you do to enable physical interface redundancy?

- A. Navigate to the system-config configuration element and set the phy-redundancy parameter to enabled.
- B. Navigate to the network-interface configuration element and set the phy-redundancy parameter to enabled.
- C. Navigate to the network-interface configuration element and set the link-redundancy- state parameter to enabled.
- D. Navigate to the system-config configuration element and set the link-redundancy-state parameter to enabled.
- E. Run the superuser command enable phy-redundancy.

Answer: C

NEW QUESTION 8

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 9

Which statement is true when SNMP access is enabled to the Session Border Controller?

- A. The default community strings are acme and packet.
- B. The default community strings are public and private.
- C. Community strings are in passive mode.
- D. There are no default community strings.
- E. Only one trap receiver can be configured.

Answer: B

NEW QUESTION 10

Where are passwords and licensing information stored?

- A. Non-Volatile Random Access Memory (NVRAM)
- B. Content Addressable Memory (CAM)
- C. RAM memory
- D. Synchronous Dynamic Random Access Memory (SDRAM)
- E. Boot Flash

Answer: A

NEW QUESTION 10

Upon issuing the done command, you get an Error 409. Which two options explain this error? (Choose two.)

- A. You are trying to create an element with a unique identifier that already exists.
- B. The configuration element you are creating is corrupted.
- C. The element you are trying to save does not exist.
- D. There is an internal server error.
- E. You are trying to create a second instance of a single-instance configuration element.

Answer: AE

NEW QUESTION 15

Which statement is true about Session Border Controller architectures and realm bridging?

- A. The Hosted NAT Traversal (HNT) architecture focuses on the border point between two different service provider networks, both in the home realm.
- B. The Hosted IP architecture focuses on the border point between one enterprise network realm and one service provider network realm.
- C. The Access-backbone architecture focuses on the border point between two backbone realms.
- D. The Peering architecture focuses on the border point between two different service provider networks and their realms.
- E. The Gateway architecture focuses on the border point between one enterprise network realm and one service provider network realm.

Answer: B

NEW QUESTION 16

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 18

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 20

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 23

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 26

You are associating network-interface configuration elements with a physical-interface configuration element on the Session Border Controller.

Which parameter must contain the same unique ID in these two configuration elements?

- A. port-id
- B. identifier
- C. unique-id
- D. name
- E. sub-port-id

Answer: A

NEW QUESTION 28

Your Session Border Controller is configured as the source and destination for all signaling messages and media streams coming into and leaving the provider's network.

Which two SIP functions does it provide? (Choose two.)

- A. an IP edge router
- B. Back-to-Back User Agent (B2BUA)
- C. Edge proxy
- D. Data firewall
- E. Media gateway

Answer: BD

NEW QUESTION 33

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 37

Which node automatically assumes the active role when peers boot simultaneously and their health scores are equivalent in a High Availability (HA) scenario?

- A. the node with the highest wancom IP address
- B. the node that is configured as secondary
- C. the node that had the role of active last
- D. the node with the lowest wancom IP address
- E. the node with the highest round-robin score

Answer: D

NEW QUESTION 41

To ensure proper operation of a Session Border Controller High Availability (HA) pair, it is critical that both of the devices can originate legitimate traffic on media interfaces independent of the network interface IP address.

How is this type of traffic accommodated?

- A. by setting the pri-utility-addr, sec-utility-addr, and sec-gateway values to addresses in the same subnet as the IP address configured on the management interfaces
- B. by setting the pri-utility-addr, sec-utility-addr, and sec-gateway values to addresses in the same subnet as the IP address configured on the media interfaces
- C. by setting the utility address and sec-gateway values to addresses in different subnets as the IP address configured on the wancom interfaces
- D. by setting a unique address on the wancom1 and wancom2 interfaces via the utilityaddress command
- E. via the utility address parameters on the wancom1 and wancom2 interfaces

Answer: A

NEW QUESTION 43

What is the drawback of configuring Policy-Based Realm Bridging (PBRB) without the assistance of Header Manipulation Rules (HMRs)?

- A. Topology hiding is incomplete.
- B. The configuration requires a home realm to be defined, which can make privacy harder to achieve.
- C. The configuration requires you to enable SIP-NAT bridging, which is complex.
- D. The architecture is simple, and really designed for lab environments.
- E. The performance is poor relative to other models.

Answer: C

NEW QUESTION 45

In which two ways can you remove support for telnet from a media interface? (Choose two.)

- A. Navigate to the network-interface configuration element and run the delete-hip-ip <IP address> command.
- B. Navigate to the phy-interface configuration element and run the remove-hip-ip <IP address> command.
- C. Navigate to the network-interface configuration element and run the remove-telnet-ip <IP address> command.
- D. Navigate to the network-interface configuration element and run the remove-hip-ip <IP address> command.
- E. Navigate to the phy-interface configuration element and run the remove-telnet-ip <IP address> command.

Answer: AC

NEW QUESTION 48

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 50

You are configuring a network interface to enable the Session Border Controller to use the interface for signaling and media. Identify two valid configuration steps for supporting VLAN 12 (Choose two.)

- A. Navigate to the network-interface configuration element and set the sub-port-id parameter to 12.
- B. Navigate to the network-interface configuration element and set the sub-port-id parameter to 0.
- C. Navigate to the phy-interface configuration element and configure the hip-id parameter.
- D. Navigate to the phy-interface configuration element and configure the pri-utility-address parameter.
- E. Navigate to the network-interface configuration element and configure the name parameter.

Answer: AC

NEW QUESTION 55

When provisioning the redundancy configuration, the peer name for each of the peers in a High Availability configuration must also be defined in each system's _____.

- A. hostname parameter under the sip-config configuration element
- B. hostname parameter under the account-config configuration element

- C. hostname parameter under the bootparam configuration branch
- D. target name parameter under the bootparam configuration branch
- E. hostname parameter under the system-config configuration element

Answer: E

NEW QUESTION 57

View the Exhibit.

```
training6# show health
Media Synchronized      true
SIP Synchronized        true
MGCP Synchronized       disabled
H248 Synchronized       disabled
Config Synchronized     true
Collect Synchronized     true
Radius CDR Synchronized disabled
Rotated CDRs Synchronized disabled
Active Peer Address     169.254.1.1
Redundancy Protocol Process (v3):
State                   Standby
Health                  100
Lowest Local Address    169.254.1.2:9090
1 peer(s) on 1 socket(s):
training1: v2, Active, health=100, max silence=1050
                    last received from 169.254.1.1 on wancom1:0
Switchover log:
```

Which statement is true about this output of the show health command?

- A. The two nodes have different health scores.
- B. The training1 peer is the standby node.
- C. The switchover berpd force command was executed to do a manual failover.
- D. The training6 peer is the active node.
- E. The training6 peer will wait 1050 ms before considering the training1 peer out of service.

Answer: E

NEW QUESTION 61

What is the effect of executing the save-config command in superuser mode?

- A. The running configuration version is reset to 1.
- B. The running configuration version does not increase and is equal to the saved configuration version.
- C. The saved configuration version increases by 1 and is higher than the running configuration version.
- D. The running configuration version increases by 1 and is higher than the saved configuration version.
- E. The editing configuration version increases by 1 and is higher than the saved configuration version.

Answer: C

NEW QUESTION 65

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 70

To return the Session Border Controller configuration to a known, factory default state, you must ____.

- A. press the reset button on the front panel
- B. issue the delete-config command
- C. issue the set-system-state offline command
- D. issue the set-system-state offline
- E. issue the delete-config and reboot commands

Answer: E

NEW QUESTION 74

You are logged in to the Session Border Controller as a superuser. You want to remove other user from the system.

How do you accomplish this?

- A. from the superuser mode, by executing the remove user <index number> command
- B. from the user mode, by executing the kill <index number> command
- C. from the superuser mode, by executing the remove user <username> command
- D. from the superuser mode, by executing the kill <index number> command
- E. from the user mode, by executing the remove user <index number> command

Answer: C

NEW QUESTION 77

What two problems do Network Address Translations (NATs) introduce into VoIP networks? (Choose two.)

- A. There are no major concerns with NATs.
- B. NATs block unsolicited incoming signaling and media.
- C. NATs block unsolicited incoming signaling but allow incoming media.
- D. NATs pinholes expire after a configurable time.
- E. NATs devices can be overloaded by incoming registrations.

Answer: DE

NEW QUESTION 79

You want to view an existing multiple-instance element's configuration.

What step should you perform after you go to the correct branch of the configuration tree?

- A. Select the element and then issue the show command.
- B. Type show <element name>.
- C. Type show ? and select from the displayed list.
- D. Type is -a.
- E. Enter the name of the element and then issue the show command.

Answer: E

NEW QUESTION 81

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 84

Which three statements are true about the bootloader? (Choose three.)

- A. It decompresses the image file and loads it into the main RAM
- B. It reads the image file
- C. It is based on Linux
- D. It looks at the boot parameters
- E. It is a Windriver's VxWork product

Answer: ABD

NEW QUESTION 88

You are adding peers to a Policy-Based Realm Bridging (PBRB) configuration. Which two configuration steps, among others, are required? (Choose two.)

- A. Navigate to the media-manager configuration branch and configure the realm-config configuration element.
- B. Navigate to the session-router configuration branch and configure the sipd-address configuration element.
- C. Navigate to the session-router configuration branch and configure the local-policy configuration element.
- D. Navigate to the session-router configuration branch and configure the sip-nat configuration element.
- E. Navigate to the media-manager configuration branch and configure the access-control configuration element.

Answer: AE

NEW QUESTION 93

You need to configure the Session Border Controller to perform load balancing between two downstream SIP proxies.

Which option shows the configuration elements that you should configure for the load balancing feature?

- A. session-router and router-group
- B. realm-config and enum-group
- C. group-policy and load-policy
- D. proxy and proxy-pool
- E. local-policy and session-group

Answer: A

NEW QUESTION 97

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 98

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