300-820 Dumps By Pros - 1st Attempt Guaranteed Success [Q34-Q58

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NEW QUESTION 34

Which configuration does Cisco recommend for the peer address on the Expressway-C secure traversal zone when the
Expressway-E has one NIC enabled?

* Expressway-E internal IP address
* Expressway-E external IP address
* Expressway-E internal FQDN
* Expressway-E external FQDN

NEW QUESTION 35

When deploying an Expressway Core and Expressway Edge cluster for mobile and remote access, which TLS verify subject name
must be configured on the Expressway-E UC traversal zone?

* Webex CUSP Cluster Name
* Expressway-E Cluster Name
* Cisco Unified Communications Manager Publisher FQDN
* Expressway-C Cluster Name

Explanation

https://community.cisco.com/t5/telepresence-and-video/quot-peer-s-tls-certificate-identity-was-unacceptable-quo

NEW QUESTION 36

Which media encryption mode can be configured on an Expressway zone?
* Advanced Encryption Standard
* IPsec
* Triple Data Encryption Standard
* force unencrypted
Available modes are “Force encrypted, Force unencrypted, Auto and Best Effort”.

NEW QUESTION 37

Drag and Drop Question

Drag and drop the services from the left onto their descriptions on the right. Some services are used more than once.

STUN	Clients use this protocol to obtain an IP address and port from a server.
ICE	Clients send requests to a server. The server responds with a packet, which contains client public source IP address and port in the payload.
TURN	Clients try to communicate to different candidate transport addresses of other clients to find a path they can use to exchange media.
	The service is a framework to interconnect clients behind different NAT devices.

STUN	TURN
ICE	TURN
TURN	STUN
	ICE

NEW QUESTION 38

Refer to the exhibit showing logs from the Expressway-C, a copy of the Expressway-E certificate, and the UC traversal zone configuration for the Expressway-C.

An office administrator is deploying mobile and remote access and sees an issue with the UC traversal zone. The zone is showing

“TLS negotiation failure”. What is causing this issue?

* The Expressway-E certificate includes the Expressway-C FQDN as a SAN entry
* The Expressway-C is missing the FQDN of Cisco UCM in the Common Name of its certificate
* In the UC Traversal Zone on the Expressway-C, the peer address is set to the IP of the Expressway- E, which is not a SAN entry in the Expressway-E certificate
* The Expressway-E does not have the FQDN of Cisco UCM listed as a SAN in its certificate
Note that if you use an IP address (not recommended), that address must be present in the Expressway-E server certificate.

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/expressway/config_guide/X14-0-

1/mra/exwy_b_mra-deployment-guide-x1401/exwy_m_basic-configuration.html

NEW QUESTION 39

Which connection does the traversal zone configuration define?
* Expressway-E and Collaboration Endpoints
* Cisco UC and Cisco Unified Presence Server
* Cisco Expressway-C and Cisco Expressway-E platforms
* Cisco UCS E-Series and Cisco UCM

NEW QUESTION 40

An organization with a domain name of example.com.

Which two SRV records are valid for a SIP and H.323 communication? (Choose two.)
* _sips._tcp.example.com
* _sips._udp.example.com
* _h323ls._udp.example com
* _h323ls._tcp.example.com
* _collab-edge._tls.example.com

The format of DNS SRV queries for sip (RFC 3263) and H.323 used by Expressway are:

_sips._tcp.<fully.qualified.domain>

_sip._tcp.<fully.qualified.domain>

_sip._udp.<fully.qualified.domain> – not recommended for video calls, only use for audio-only calls

_h323ls._udp.<fully.qualified.domain> – for UDP location (RAS) signaling, such as LRQ

_h323cs._tcp.<fully.qualified.domain> – for H.323 call signaling

The format of DNS SRV queries for sip (RFC 3263) and H.323 typically used by an endpoint are:

_sips._tcp.<fully.qualified.domain>

_sip._tcp.<fully.qualified.domain>

_sip._udp.<fully.qualified.domain> – not recommended for video calls, only use for audio-only calls

_h323ls._udp.<fully.qualified.domain> – for UDP location (RAS) signaling, such as LRQ

_h323cs._tcp.<fully.qualified.domain> – for H.323 call signaling

_h323rs._udp.<fully.qualified.domain> – for H.323 registrations

NEW QUESTION 41

Cisco Expressways are being deployed for Mobile and Remote Access. The Expressway-E internal interface (LAN1) IP is 192.168.100.10/24, and the external interface (LAN2) IP is

172.16.100.10/24.

The Expressway-C IP is 192.168.20.10/24. The default gateway for each subnet is the first useable address. How must the Expressway-E be configured to allow proper routing to the internal and external networks?
* IPv4 gateway: 172.16.100.1, and a static route for the 192.168.100.0/24 subnet using LAN1
* IPv4 gateway: 192.168.100.1, and a static route for the 192.168.20.0/24 subnet using LAN1
* IPv4 gateway: 192.168.100.1, and a static route for the 172.16.100.0/24 subnet using LAN2
* IPv4 gateway: 172.16.100.1, and a static route for the 192.168.20.0/24 subnet using LAN1

NEW QUESTION 42

Refer to the exhibit. When configuring a search rule that routes calls to a zone, what occurs when 13358 is dialed?
* 13358 is replaced by 135, and then is sent to the local zone.
* 13358 is replaced by 135 and remains in the same zone.
* 13358 is replaced by 135, and then is sent to the traversal zone.
* 13358 is sent directly to the traversal zone.

NEW QUESTION 43

A company already has a Cisco Unified Communications Manager for internal audio and video traffic, but it requires video communication with external partners and customers. It is important to ensure security for the deployment and the connectivity.

What must be set up to enable this requirement?
* Cisco Unified Border Element and Cisco ASA Firewall
* Cisco Unified Border Element and Cisco Firepower Firewall
* Cisco Expressway-C and Cisco Expressway-E
* Cisco Expressway-C and Cisco Unified Border Element

NEW QUESTION 44

When designing the call control on a Cisco Expressway Core, which is the sequence of dial plan functions?
* transforms, CPL, user policy, search rules
* search rules, zones, local zones
* DNS zone, local zone, search rules
* search rules, transforms

Explanation

https://community.cisco.com/t5/collaboration-voice-and-video/vcs-dial-plan-example-configuration-to-avoid-int

NEW QUESTION 45

Refer to the exhibit. You have Cisco Expressway using SIP for external calls. SIP Nat/Alg is configured on the edge firewall. The call fails with one way audio. Which problem with the configuration?

```
INVITE sip:64 100.10.20. SIP/2.0
Via: SIP/2.0/TLS 10.0.10.1.5061
Via: SIP/2.0/TLS 10.0.20.2.55231
Call-ID: 20ec9fd084eb3dd2@127.0.0.1
CSeq: 100 INVITE
Contact: <sip.EndpointA@10.0.20.2:55231;transport=tls>
From: "User A" <sip: UserA@cisco.com>;tag=4a12bf
To: <sip 64.100.10.20>
Max-Forwards: 70
Contecnt-Type: applicaton/sdp
Content-Length: 2825
v=0
s=
c=IN IPv4 10.0.10.1
b=AS:2048
```

* SIP NAT is not enabled for TLS
* The security certificate used by Cisco Expressway is not valid
* Secure SIP (TLS) is not supported by the firewall.
* The Apache service was not restarted on Cisco Unified Communications Manager after SIP TLS was configured.

NEW QUESTION 46

For a Mobile and Remote Access deployment, which server’s certificate must include the Unified registration domain as a Subject Alternate Name?
* Expressway-C server certificate
* Cisco Unified Communications Manager server certificate
* C.Expressway-E server certificate
* Expressway-C and Expressway-E server certificate

NEW QUESTION 47

What is a key configuration requirement for Hybrid Message Service High Availability deployment with multiple IM and Presence clusters?
* You must have the Intercluster Sync Agent working across your IM and Presence clusters.
* You must have the Intercluster Lookup Service working across all of your IM and Presence clusters.
* Your IM and Presence Service clusters must have Multiple Device Messaging disabled.
* AXL service should be activated only on the publisher of each IM and Presence cluster.

NEW QUESTION 48

When determining why Mobile and Remote Access to Cisco TelePresence equipment does not work anymore for an organization. There are several administrators and configuration changes could have happened without anyone knowing. Internal communication seems to be working, but no external system can register or call anywhere. Gathering symptoms, you also discover that no internal systems can call out either.

What is TraversalZone missing that causes this issue?
* link to the DefaultZone
* pipe to the DefaultZone
* SIP trunk to the DefaultZone
* route pattern to the DefaultZone
Using Links and Pipes to Manage Access and Bandwidth.

You can also manage calls from unrecognized systems and endpoints by configuring the “links” and “pipes” associated with the Default Zone. For example, you can delete the default links to prevent any incoming calls from unrecognized endpoints, or apply pipes to the default links to control the bandwidth consumed by incoming calls from unrecognized endpoints.

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/expressway/admin_guide/X14-0-

2/exwy_b_cisco-expressway-administrator-guide-x1402/exwy_m_zones-and-

neighbors.html#reference_AB9714D9A58AB2411A667F451A8ED9A5

NEW QUESTION 49

Refer to the exhibit. When Expressway-E routes a call with URI 4040@uclab.local to a DNS zone, which DNS server does the Expressway query for the SIP SRV records?
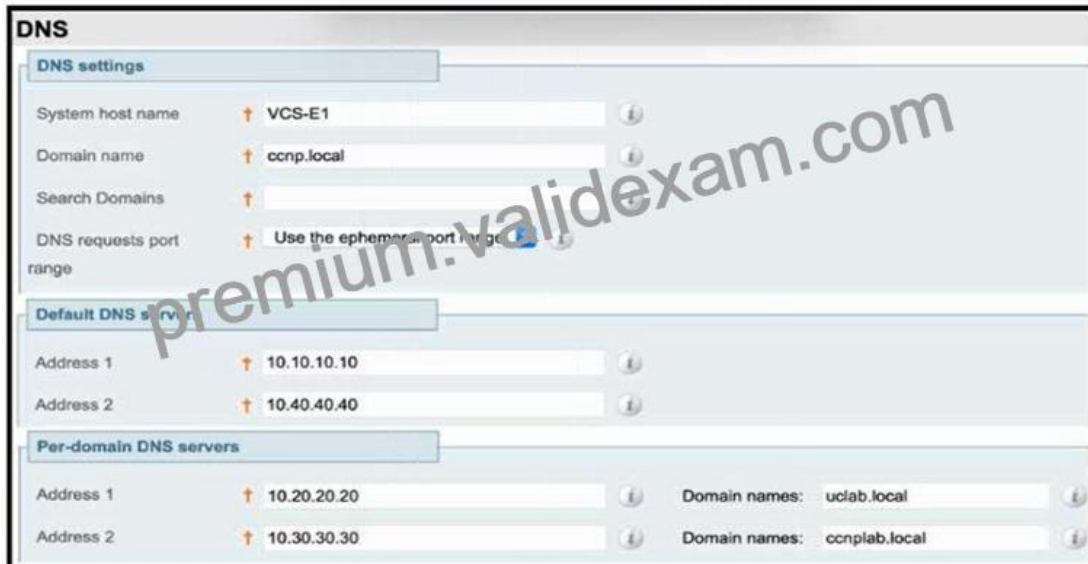

* 10.20.20.20
* 10.10.10.10
* 10.40.40.40
* 10.30.30.30

NEW QUESTION 50

Which step is required when configuring cloud and hybrid deployments for Cisco Jabber?

* Add the Jabber user to Cisco Unity Connection.
* Add the Jabber user to Expressway-E.
* Add the Jabber user to Expressway-C.
* Add Jabber Users to the Cisco Webex Administration Tool.

NEW QUESTION 51

Refer to the exhibit. Which inbound connection should an administrator configure on the outside firewall?
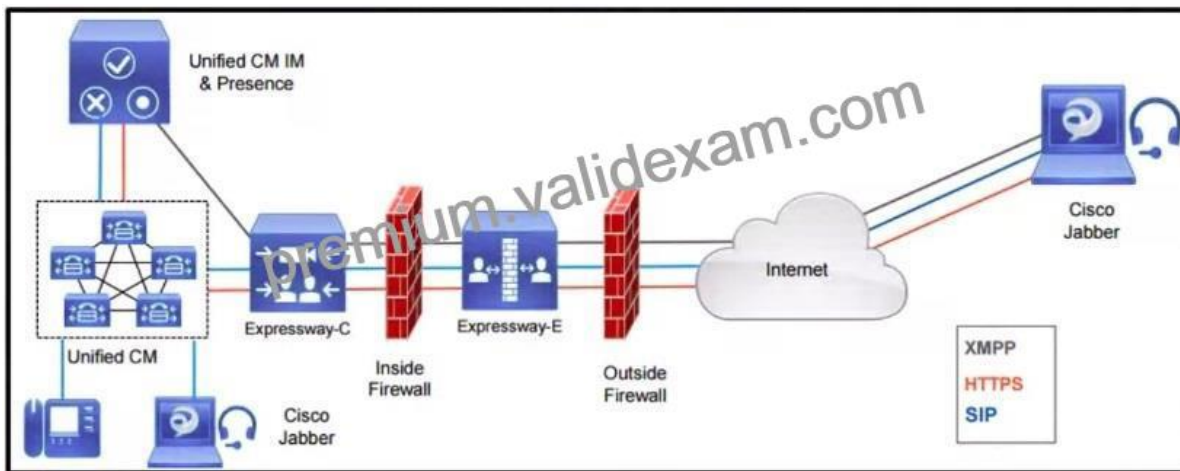
* Media: UDP 36000 to 36011
* HTTPS (tunneled over SSH between C and E): TCP 2222
* SIP: TCP 5061
* XMPP: TCP 5222
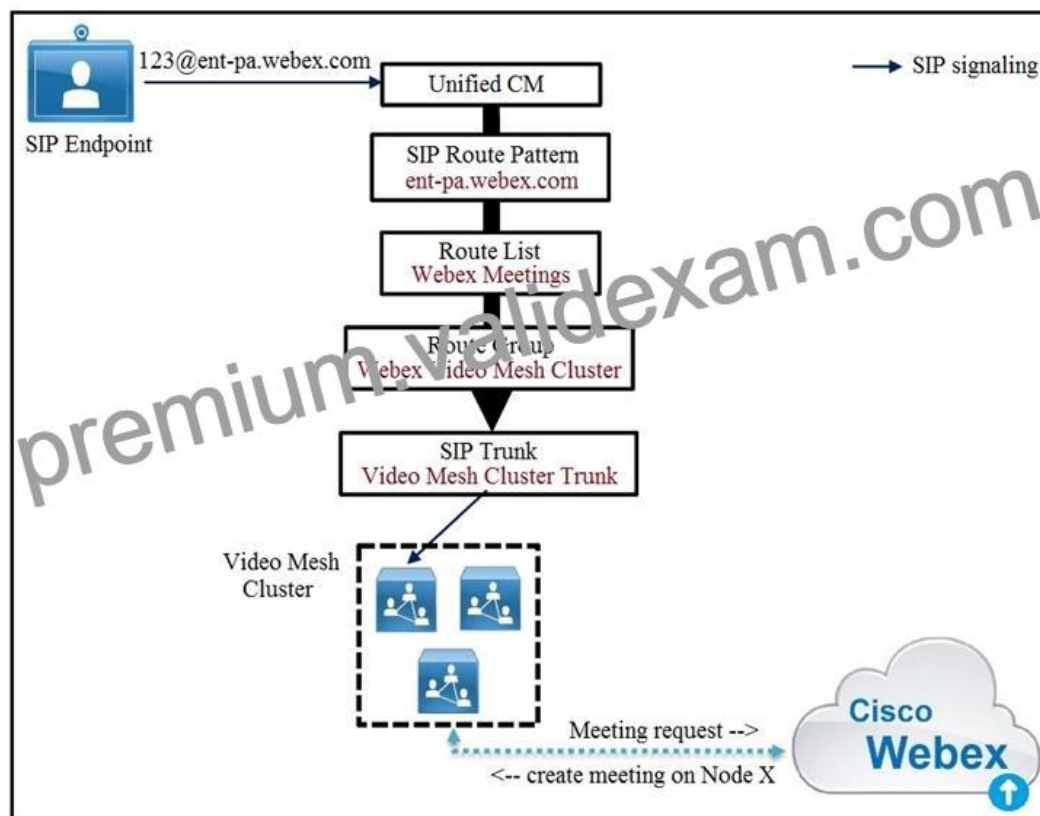
SIP UDP: 5060

SIP TCP: 5060

SIP TLS: 5061

XMPP TCP: 5222

RTP/RTCP: 36000-59999

https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/config_guide/X12-

5/Cisco-Expressway-IP-Port-Usage-for-Firewall-Traversal-Deployment-Guide-X12-5.pdf

NEW QUESTION 52

Refer to the exhibit.

Cisco Unified Communications Manager routes the call via the Webex Meetings route list and route group to the Video Mesh cluster Node#1 in the Video Mesh cluster is hosting the meeting and has reached full capacity, but other nodes in the cluster still have spare capacity.

What happens to the participant’s call?

* Another node in the cluster is used and an intra-cluster cascade between the two Video Mesh nodes is formed.
* The call is queued.
* The call fails.
* Another node in the cluster is used and an intra-cluster cascade between Webex and the new Video Mesh node is formed.

NEW QUESTION 53

What is a requirement when configuring the Cisco Webex Hybrid Message account for accessing the API of the Cisco UCM IM and Presence Service?

* Add a new end-user with the “Standard AXL API Access” role
* Use an application user with only the “Standard CTI Allow Control of All Devices” role
* Use an application user not the main administrator account with the “Standard AXL API Access” role
* Use the main administrator account if it includes the “Standard AXL API Access” role

NEW QUESTION 54

Which two statements about Expressway media traversal are true? (Choose two.)

* Expressway Control is the traversal server installed in the DMZ.
* The Expressway Edge must be put in a firewall DMZ segment.
* Cisco Unified Communications Manager zone can be either traversal server or client.

* The Unified Communications traversal zone can be used for Mobile and Remote Access.
* Both Expressway Edge interfaces can be NATed.
Explanation

https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/config_guide/X8-10/Cisco-Expressway

NEW QUESTION 55

Refer to the exhibit. The firewall has been configured from NAT 192.168.108.2 to 100.64.0.1.

Which configuration changes are needed for an Expressway-E with dual network interfaces?

* External LAN interface: LAN 2
  LAN 1 IPv4 static NAT mode: On
  LAN 1 IPv4 static NAT address: 100.64.0.1
  LAN 2 IPv4 static NAT mode: On
  LAN 2 IPv4 static NAT address: 100.64.0.1

* External LAN interface: LAN 2
  LAN 2 IPv4 static NAT mode: On
  LAN 2 IPv4 static NAT address: 100.64.0.1

* External LAN interface: LAN 1
  LAN 1 IPv4 static NAT mode: On
  LAN 1 IPv4 static NAT address: 100.64.0.1

* External LAN interface: LAN 2
  LAN 1 IPv4 static NAT mode: On
  LAN 1 IPv4 static NAT address: 100.64.0.1

NEW QUESTION 56

Which two licenses are required for the B2B feature to work? (Choose two.)
* Traversal Server
* TURN Relays
* Rich Media Sessions
* Advanced Networking
* Device Provisioning

NEW QUESTION 57

Which dial plan settings can be used to set up different regulations according to the protocol (SIP or H.323) or the source of the query?
* presearch transforms
* search rules
* call policy
* policy services

NEW QUESTION 58

Refer to the exhibit.

What is the result of a transformation applied to alias 88514?

* 98851@ccnpcollab.com
* 88513@ccnpcollab com
* 88514@ccnpcollab.com
* 88515@ccnpcollab.com

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