



**Cisco**

## **Exam Questions 300-810**

Implementing Cisco Collaboration Applications (CLICA)

#### NEW QUESTION 1

When Cisco IM and Presence is configured to use automatic fallback, how long does the Server Recovery Manager service wait for a failed service/server to remain active before an automatic fallback is initiated?

- A. 10 minutes
- B. 20 minutes
- C. 30 minutes
- D. 1 hour

**Answer: C**

#### Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/unified-communications-manager-im-presence-service/200958-IM-and-Presence-Server-High-Availability.html>

#### NEW QUESTION 2

Which entity is a standard component used for authentication by SAML 2.0?

- A. identity provider
- B. session broker
- C. Internet service provider
- D. client access server

**Answer: A**

#### NEW QUESTION 3

Which Cisco IM and Presence service must be activated and running for IM Presence to successfully integrate with Cisco Unified Communications Manager?

- A. Cisco DHCP Monitor Service
- B. Cisco AXL Web Service
- C. Self-Provisioning IVR
- D. Cisco XCP Authentication Service

**Answer: A**

#### NEW QUESTION 4

Refer to the exhibit.

```
Response:
HTTP/1.1 400 Bad Request
Strict-Transport-Security: max-age=31536000
X-Frame-Options: DENY
X-Content-Type-Options: nosniff
Set-Cookie: JSESSIONID=1233ADC137E591GE144792F38123AB09; Patch=/idb/; Secure; HttpOnly
TrackingID: FOS_d0ac0d7b-f4e4-4d83-ba27-d4252e310b88
Cache-Control: no-store
Date: Mon, 06 Jan 2018 10:30:00 GMT
Accept-Ranges: bytes
Server:
Vary: Accept-Charset, Accept-Encoding, Accept-Language, Accept
Access-Control-Allow-Credentials: true
Access-Control-Allow-Headers: Accept, Authorization, Content-Type, TrackingID
Access-Control-Allow-Methods: POST, PUT, PATCH, HEAD, GET, TRACE, CONNECT, OPTIONS, DELETE
Pragma: no-cache
Content-Type: application/json; charset=UTF-8
Connection: close
Content-Length: 176

{"error_description": "The refresh token provided is expired, revoked, malformed, or invalid.", "error": "invalid_request", "trackingID": "FOS_a12b123c-d123-e123-a127-b420be310188"}
```

Apple Push Notification integration is configured in a Cisco Unified IM and Presence deployment and has been working properly. Administrators now report the error "Push notification settings cannot be configured. 400 Bad Request." in the GUI, and HTTP logs are displaying the errors that are shown in the exhibit. Which action solves this issue?

- A. Fix the network connectivity to Apple iCloud.
- B. Reboot the IM&P cluster.
- C. Change the HTTP proxy settings to remove errors in request syntax.
- D. Update Refresh Token Manually.

**Answer: D**

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/push\\_notifications/cucm\\_b\\_push-notifications-deployment-guide.pdf](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/push_notifications/cucm_b_push-notifications-deployment-guide.pdf)

#### NEW QUESTION 5

Which CLI command is used to collect traces from the Cisco Presence engine for seven days?

- A. file build log cisco\_presence\_engine 7

- B. file build log cisco\_presence 168
- C. file build log presence\_engine 7
- D. file build log presence\_engine 168

**Answer:** A

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/im\\_presence/configAdminGuide/12\\_0\\_1/cup0\\_b\\_config-admin-guide-imp-1201/cup0\\_b\\_config-admin-guide-imp-1201\\_chapter\\_010101.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/im_presence/configAdminGuide/12_0_1/cup0_b_config-admin-guide-imp-1201/cup0_b_config-admin-guide-imp-1201_chapter_010101.html)

**NEW QUESTION 6**

Which Cisco Unified Connections Manager service is required for users to control their desk phones using Cisco Jabber?

- A. Cisco CTIManager
- B. Cisco CTL Provider
- C. Cisco Presence Engine
- D. Cisco Serviceability Reporter

**Answer:** A

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/jabber/11\\_5/CJAB\\_BK\\_D00D8CBD\\_00\\_deployment-installation-guide-cisco-jabber115/CJAB\\_BK\\_D00D8CBD\\_00\\_deployment-installation-guide-ciscojabber115\\_chapter\\_0111.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/jabber/11_5/CJAB_BK_D00D8CBD_00_deployment-installation-guide-cisco-jabber115/CJAB_BK_D00D8CBD_00_deployment-installation-guide-ciscojabber115_chapter_0111.html)

**NEW QUESTION 7**

Refer to the exhibit.

```
[csf.cert.] [csf::cert::BaseCertVerifier:doVerifyCertificate] - About to verify the certificate.
[csf.cert.win32] [csf::cert::Win32CertVerifier:loadCertificateChain] - Certificate Chain status 0x20
[csf.cert.win32] [csf::cert::Win32CertVerifier:verifySslPolicy] - Ignoring errors due to Invalid CN
[csf.cert.win32] [csf::cert::Win32CertVerifier:verifyPolicies] - SSL Policy status 0x2148204809
[csf.cert.win32] [csf::cert::win32CertVerifier:verifyPolicies] - Basic Constraints Policy status 0x0
[csf.cert.win32] [csf::cert::win32CertVerifier:verifyCertificate] - Certificate validation response is 'invalid'
[csf.cert.] [csf::cert::BaseCertVerifier:doVerifyCertificate] - Result of platform cert verification: [UNTRUSTED_ROOT]
[csf.cert.] [csf::cert::BaseCertVerifier:checkIdentity] - About to check for an Identity Match.
[csf.cert.xmpp] [csf::cert::XmppCertVerifier:checkIdentifier] - Verifying XMPP Identity 'example.com'
[csf.cert.utils] [csf::cert::AltNameParserImpl:verifyXmpp] - Xmpp match was not found for: 'example.com'
[csf.cert.utils] [csf::cert::AltNameParserImpl:verify] - Match for 'example.com' found in dnsNames index: 1
[csf.cert.] [csf::cert::BaseCertVerifier:checkIdentifiers] - Verification of identity succeeded. Matched identifier : 'example.com'
[csf.diagnostics] [CSFDiagnostics::DiagnosticsImpl::AddRecord] - Add record task enqueued: example.com
[csf.common.PolicySet] [csf::common:PolicySet::getPolicy] - Successfully found Policy with nature IGNORE_INVALID_CERT_CONDITION
[IGNORE_REVOCATION_INFO_UNAVAILABLE_ERRORS]
[csf.cert.] [csf::cert::BaseCertVerifier::applyIgnoreInvalidCertConditionPolicy] - About to enforce ignore invalid cert condition policy.
[csf.cert] [csf::cert::IgnoreInvalidCertConditionPolicy::removeIgnoredStatuses] - No statuses have been removed from the verification status.
[csf.cert] [csf::cert::IgnoreInvalidCertConditionPolicy::enforce] - Policy enforced
[csf.cert.] [csf::cert::BaseCertVerifier::verifyCertificateAsync] - Certificate initially verified, result: FAILURE
[csf.cert] [csf::cert::CertificateDataImpl::parseSubjectCNField] - size of Subject CN field : 16
[csf.cert] [csf::cert::CertificateDataImpl::parseSubjectCNField] - Sybject CN field : impa.example.com
[csf.common.PolicySet] [csf::common:PolicySet::getPolicy] - Successfully found Policy with nature INVALID_CERT_MANAGEMENT [PROMPT_USER]
```

Users report that they are prompted to accept server certificates when they initially run Cisco Jabber. An engineer removes these prompts to prevent confusion. Which statement about this scenario is true?

- A. Presentation of the certificates can be disabled by setting up Cisco IM&P servers into nonsecure mode.
- B. Nothing can be done to resolve this issue because certificates must be accepted by each Jabber user, per Cisco policy.
- C. These certificates are self-signed certificates, so they must be added manually to the user OS certificate stores.
- D. The behavior is a security breach because certificates are considered untrusted and as not coming from Cisco Collaboration servers.

**Answer:** C

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/jabber-windows/116637-trouble-jabber-00.html>

**NEW QUESTION 8**

Which service must be activated on Cisco Unity Connection to utilize LDAP synchronization?

- A. Cisco Tomcat
- B. Cisco Sync Agent
- C. Cisco DirSync
- D. Cisco RIS Data Collector

**Answer:** C

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/connection/10x/administration/guide/10xcucsagx/10xcucsag120.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/connection/10x/administration/guide/10xcucsagx/10xcucsag120.html)

**NEW QUESTION 9**

Refer to the exhibit.

High Availability			
<input checked="" type="checkbox"/> Enable High Availability			
Monitored Server	Assigned Users	Active Users	Server State
IMPPub.CiscoLiveUS.net	4	0	Initializing
IMPSub.CiscoLiveUS.net	0	0	Initializing

After configuration of the Cisco IM&P cluster in high-availability mode, both IM&P servers remain in the initializing state. Which two actions ensure normal operations of this IM&P high-availability cluster? (Choose two.)

- A. Clear the Enable High Availability check box in the Presence Redundancy Group configuration.
- B. Confirm that Cisco Presence Engine, Cisco XCP Router, and Cisco DB services are up and running on both IM&P servers.
- C. Restart the Server Recovery Manager service in Cisco Unified Serviceability – Network Services on both IM&P servers.
- D. Verify that the Cisco XCP SIP Federation Connection Manager service is running.
- E. Ensure that an equal number of users are assigned to each IM&P server.

**Answer:** CE

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/im\\_presence/configAdminGuide/10\\_5\\_1/CUP0\\_BK\\_CE43108E\\_00\\_config-admin-guide-imp-105/CUP0\\_BK\\_CE43108E\\_00\\_config-admin-guide-imp105\\_chapter\\_010010.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/im_presence/configAdminGuide/10_5_1/CUP0_BK_CE43108E_00_config-admin-guide-imp-105/CUP0_BK_CE43108E_00_config-admin-guide-imp105_chapter_010010.html)

**NEW QUESTION 10**

Refer to the exhibit.

Users with Duplicate User IDs	
-----	
User ID :	user3
Node Name	
	cucm-imp-1
	cucm-imp-2

Which two steps resolve the “Users with Duplicate User IDs” message? (Choose two.)

- A. Rename the directory URI value for one of the users to ensure that there is no duplication.
- B. Rename the User ID value for one user if different users on different clusters have the same User ID assigned.
- C. Unassign a user from one of the clusters when the same user is assigned to two different clusters.
- D. Assign the duplicate user to the secondary Cisco IM and Presence node.
- E. Delete the user ID for the duplicate user ID.

**Answer:** BC

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/im\\_presence/configAdminGuide/10\\_0\\_1/CUP0\\_BK\\_C318987B\\_00\\_config-admin-guide-imp-100/CUP0\\_BK\\_C318987B\\_00\\_config-admin-guide-imp100\\_chapter\\_010101.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/im_presence/configAdminGuide/10_0_1/CUP0_BK_C318987B_00_config-admin-guide-imp-100/CUP0_BK_C318987B_00_config-admin-guide-imp100_chapter_010101.html)

**NEW QUESTION 10**

In the integration of Cisco Unity Connection using SIP, which SIP trunk security profile option is required for MWI to work correctly?

- A. Accept out-of-dialog refer
- B. Accept replaces header
- C. Accept unsolicited notification
- D. Accept presence subscription

**Answer:** A

**NEW QUESTION 15**

Which Cisco Unified Communications Manager menu path is used to configure Cisco IM and Presence Server High Availability?

- A. System > LDAP > LDAP Directory
- B. System > Geolocation Configuration
- C. System > Presence Redundancy Groups
- D. System > Server

**Answer:** C

**Explanation:**

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/unified-communications-manager-im-presence-service/200958-IM-and-Presence-Server-High-Availability.html#anc4>



#### NEW QUESTION 20

When trying to send a call out of Cisco Unity Connection, what happens when enabling the transfer to an alternate contact number, located under caller input?

- A. The restriction table is checked when an administrator changes the extension number via the Cisco Unity Connection admin page.
- B. The restriction table is not checked when an administrator changes the extension number via the Cisco Unity Connection admin page.
- C. The restriction table is not checked when a user changes the extension number via a TUI conversation.
- D. The restriction table is not checked when a user changes extension number via the Cisco Unity Connection Cisco PCA page.

**Answer:** B

#### Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/unity-connection/117559-probsol-transferfailure-00.html>

#### NEW QUESTION 24

Which statement about SIP federation between Cisco Unified Communications IM and Presence and Microsoft Skype for Business is true?

- A. Add the federated user as a contact in Jabber to view its presence status.
- B. The role of SIP Proxy service is to process the XMPP packet in from Jabber and convert it to SIP.
- C. TLS is optional.
- D. Use of directory URI as an IM addressing scheme is not supported.

**Answer:** A

#### Explanation:

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/im\\_presence/interdomain\\_federation/12\\_5\\_1/cup0\\_b\\_interdomain-federation-1251/cup0\\_b\\_interdomain-federation-1251\\_chapter\\_01000.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/im_presence/interdomain_federation/12_5_1/cup0_b_interdomain-federation-1251/cup0_b_interdomain-federation-1251_chapter_01000.html)

#### NEW QUESTION 28

Which two child elements can be in an XMPP message stanza? (Choose two.)

- A. <server/>
- B. <error/>
- C. <client/>
- D. <body/>
- E. <subject/>

**Answer:** DE

#### NEW QUESTION 29

Secure XMPP communication is required for XMPP federation with external domains and the Cisco IM and Presence. Which certificate is used for XMPP interdomain federation when connecting to an externally federated domain?

- A. cup
- B. cup-xmpp
- C. cup-xmpp-s2s
- D. Tomcat

**Answer:** C

#### Explanation:

Reference: [https://www.cisco.com/c/dam/en/us/td/docs/telepresence/infrastructure/vcs/config\\_guide/X8-2/XMPP-Federation-with-Cisco-VCS-and-IM-and-Presence-Service.pdf](https://www.cisco.com/c/dam/en/us/td/docs/telepresence/infrastructure/vcs/config_guide/X8-2/XMPP-Federation-with-Cisco-VCS-and-IM-and-Presence-Service.pdf)

#### NEW QUESTION 31

Refer to the exhibit.

**Cisco Jabber Diagnostics**

Cisco Jabber  
Version 11.9.3 (60004)

### Discovery

Discovery Outcome	<b>Failure: FAILED_UCM90_CONNECTION</b>
Domain Controller	<b>The specified domain either does not exist or could not be contacted.</b>
Edge Domain	ccnp.cisco.com
Edge Required	No
Edge Visibility	Not Visible
Excluded Services	None
FTPS	OFF
Internal Visibility	Visible
Services Domain	ccnp.cisco.com
Services Domain Source	Email Address from UserInput
Voice Services Domain	ccnp.cisco.com

### WebEx

CAS lookup	<b>FAILURE: HTTP_CONNECTION_FAILED</b>
CAS lookup url	<a href="https://logiop.webexconnect.com/cas/FederatedSSO?org=corp.cisco.com">https://logiop.webexconnect.com/cas/FederatedSSO?org=corp.cisco.com</a>

### DNS Records

_cisco-uds._tcp.ccnp.cisco.com.	cucm1.ccnp.cisco.com
_collab-edge._tls.ccnp.cisco.com	<b>Domain does not exist</b>

**\_cisco-uds Properties**

Service Location (SRV) Security

Domain:

Service:

Protocol:

Priority:

Weight:

Port number:

Host offering this service:

Users connected to the internal network report a “Cannot communicate with the server” error while trying to log in to Cisco Jabber using auto service discovery. The Jabber diagnostics and the SRV record configuration are as shown in the exhibit. The host cucm1.ccnp.cisco.com is correctly resolved by the user desktops with the Cisco Unified Communications Manager IP address. Why is the user not able to log in?

- A. SRV protocol is not set up correctl
- B. It should be \_tls instead of \_tcp.
- C. Marking weight as 0 on the SRV record makes it inactive, so Jabber cannot discover the Cisco Unified CM.
- D. The port specified on the SRV record is wrong.
- E. The domain ccnp.cisco.com does not exist on the DNS server.

**Answer: D**

**Explanation:**

Reference: <https://community.cisco.com/t5/collaboration-voice-and-video/jabber-client-login-and-login-issues/ta-p/3143446>

**NEW QUESTION 36**

An end user opened a ticket, stating that before logging in to Jabber for Windows, a warning is displayed that a server certificate has expired. Which two certificates must be verified on the Cisco Unified Communications Manager and IM&P deployment? (Choose two.)

- A. capf on Cisco Unified CM
- B. cup-xmpp on IM&P
- C. callmanager on Cisco Unified CM
- D. tomcat on Cisco Unified CM
- E. cup on IM&P

**Answer: AB**

**NEW QUESTION 40**

After integrating Cisco Unity Express with Cisco Unified Communications Manager Express, users report that the system does not respond to their digit presses. Which two configuration snippets resolve this issue? (Choose two.)

- A. dial-peer voice 6800 voip destination-pattern 5... session protocol sipv2 session target ipv4:10.3.6.127 dtmf-relay sip-kpml codec g729r8
- B. dial-peer voice 6800 voip destination-pattern 5... session protocol sipv2 session target ipv4:10.3.6.127 dtmf-relay sip-notify codec g711ulaw
- C. dial-peer voice 6800 voip destination-pattern 5... session protocol sipv2 session target ipv4:10.3.6.127 dtmf-relay rtp-nte codec g711ulaw
- D. dial-peer voice 6800 voip destination-pattern 5...session protocol sipv2 session target ipv4:10.3.6.127 dtmf-relay sip-kpml codec g711ulaw
- E. dial-peer voice 6800 voip destination-pattern 5... session protocol sipv2 session target ipv4:10.3.6.127 dtmf-relay sip-notify codec g729r8

Answer: BC

NEW QUESTION 44

Refer to the exhibit.

Direct Routing Rules in Descending Order of Precedence

Delete Selected

Add New

Change Order

	Display Name	Status	Dialed Number	Calling Number	Phone System
<input type="checkbox"/>	NewYork_AA	Active	11112222		
<input type="checkbox"/>	Attempt Sign In	Active			
<input type="checkbox"/>	Chicago_AA	Active	22221111		
<input type="checkbox"/>	Opening Greeting	Active			

Delete Selected

Add New

Change Order

Forwarded Routing Rules in Descending Order of Precedence

Delete Selected

Add New

Change Order

	Display Name	Status	Dialed Number	Calling Number	Forwarding Station
<input type="checkbox"/>	Attempt Forward	Active			
<input type="checkbox"/>	Dallas_AA	Active	2222		
<input type="checkbox"/>	Arizona_AA	Active	11112222		
<input type="checkbox"/>	Opening Greeting	Active			

Delete Selected

Add New

Change Order

Calls that are not answered by the user are for the location. If the user at extension 11112222 does not have a voice mailbox, which rule is utilized when Cisco Unity Communication receives the forwarded call?

- A. NewYork\_AA
- B. Attempt Sign In
- C. Arizona\_AA
- D. Opening\_Greeting

Answer: C

NEW QUESTION 45

An engineer is configuring SAML SSO for a Cisco Unified Communications Manager. After completing all required steps, the engineer wants to verify the status. Which CLI command provides the status of SAML SSO?

- A. utils sso status
- B. show sso status
- C. show saml status
- D. utils saml status

Answer: A

Explanation:

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/unified-communications-manager-callmanager/213293-troubleshoot-sso-in-cucm.html>

NEW QUESTION 47

What are two Cisco Jabber 12.6 on-premises deployment types that can be run on a Windows-enabled PC? (Choose two.)

- A. Contact Center Agent
- B. IM-only
- C. multicloud-based
- D. Full UC
- E. cloud-based

Answer: BD

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/jabber/12\\_6/cjab\\_b\\_on-prem-deployment-cisco-jabber\\_12-6.pdf](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/jabber/12_6/cjab_b_on-prem-deployment-cisco-jabber_12-6.pdf)

**NEW QUESTION 50**

An engineer is checking the Cisco Unified Communications Manager and Cisco Unity Connection integration and presses the Message button on a phone to check the voicemail. Which action does Cisco Unified CM take?

- A. Cisco Unified CM looks up the voicemail pilot configured to dial.
- B. Cisco Unified CM routes the configured hunt pilot to Unity Connection.
- C. Cisco Unified CM looks up the hunt pilot configured to dial.
- D. Cisco Unified CM sends an AXL query to Unity Connection.

**Answer:** A

**Explanation:**

Reference: [https://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/admin/9\\_1\\_1/ccmsys/CUCM\\_BK\\_C5565591\\_00\\_cucm-system-guide-91/CUCM\\_BK\\_C5565591\\_00\\_cucm-system-guide-91\\_chapter\\_011110.html](https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/9_1_1/ccmsys/CUCM_BK_C5565591_00_cucm-system-guide-91/CUCM_BK_C5565591_00_cucm-system-guide-91_chapter_011110.html)

**NEW QUESTION 51**

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