

300-815^{Q&As}

Implementing Cisco Advanced Call Control and Mobility Services
(CLACCM)

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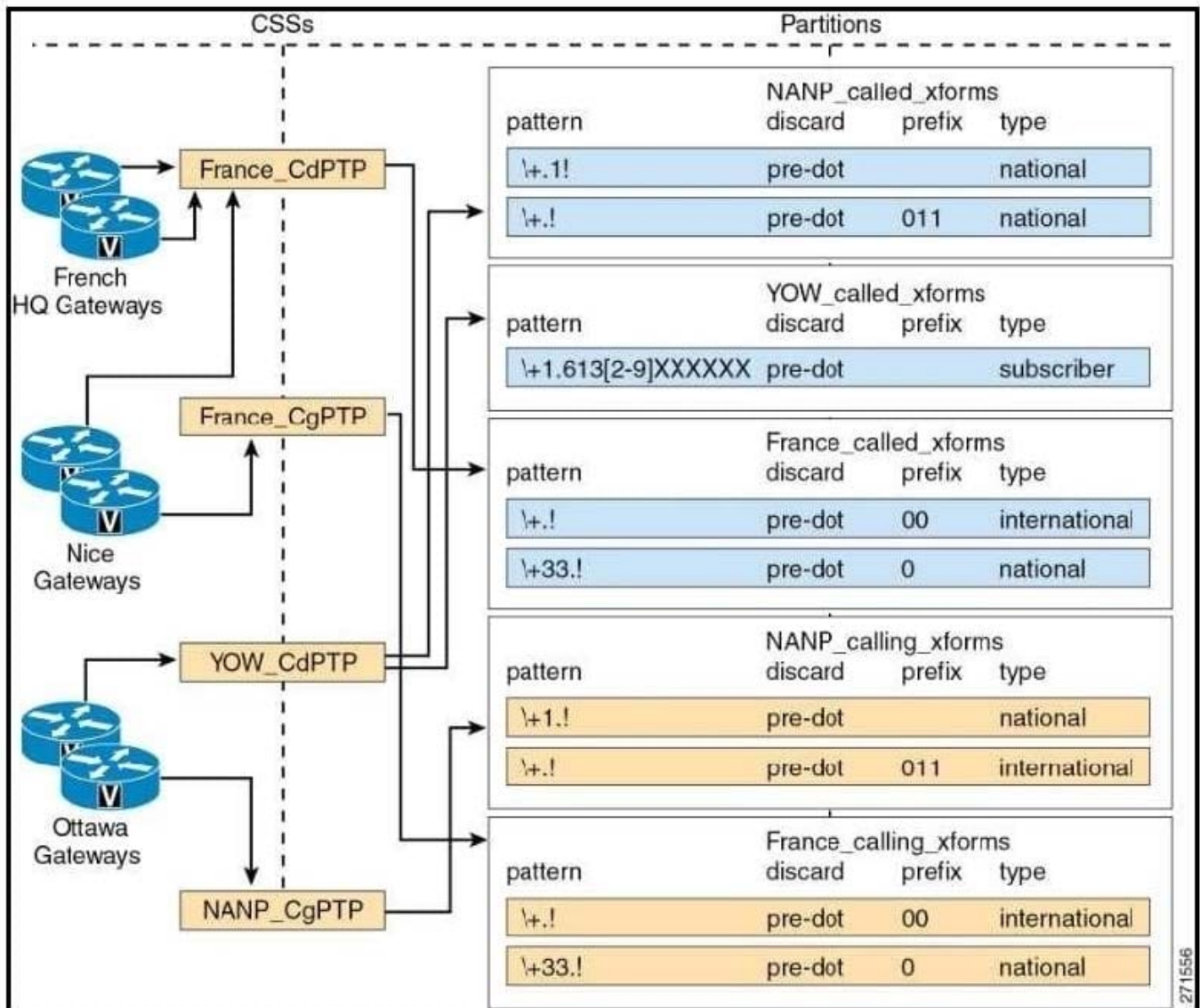
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QUESTION 1

Refer to the exhibit.



Within the North American Numbering Plan, gateways located in Ottawa, Canada and marked as "YOW" are assigned to the Calling Party Transformation CSS NANP_CgPTP, which contains partition NANP_calling_xforms. What are the calling-party number and the numbering type if the calling user +1613-555-1234 dials the number?

- A. calling number 613-555-1234 and numbering type "subscriber"
- B. calling number 011-1-613-555-1234 and numbering type "subscriber"
- C. calling number 011613-555-1234 and numbering type "international"
- D. calling number 613-555-1234 and numbering type "national"

Correct Answer: D

QUESTION 2

When route patterns are defined as precisely as possible on a Cisco UCM, the control and reliability of the calling plan is increased. A route pattern must be added to support calls to this number range: 9135200 to 9135205. The calls are on-net and no translation patterns are configured. Which configuration meets these requirements?

- A. 913520[012345]
- B. 913520X
- C. 913520[1-5]
- D. 913520!

Correct Answer: A

QUESTION 3

Users report silence on the line when they try to connect to external voice numbers. The company is using Cisco 8865 phones with Cisco UCM connected to a gateway with two T1 circuits. The MGCP server seems to be responding. Which action must the engineer take to begin to investigate the media for this type of issue?

- A. Run RTMP on the Cisco router.
- B. Verify that the MGCP service is running under serviceability in Cisco UCM.
- C. Run the debug mgcp media command on the Cisco router.
- D. Run the debug H.323 gateway command on the Cisco router.

Correct Answer: C

QUESTION 4

Which section under the Real-Time Monitoring Tool allows for reviewing the call flow and signaling for a SIP call in real time?

- A. Analysis Manager > Inventory > Trace File Repositories
- B. System > Tools > Trace and Log Central
- C. Voice/Video > Session Trace Log View > Real Time Data
- D. Voice/Video > Session Trace Log View > Open From Local Disk

Correct Answer: C

Reference: <https://www.cisco.com/c/en/us/support/docs/unified-communications/unified-communications-manager-callmanager/213583-procedure-to-analyse-call-flow-of-sip-ca.html>

QUESTION 5

A user reports when they press the services key they do not receive a user ID and password prompt to assign the phone extension. Which action resolves the issue?

- A. Create the default device profiles for all phone models that are used.
- B. Subscribe the phone to the Cisco Extension Mobility service.
- C. Create the end user and associate it to the device profile.
- D. Assign the extension as a mobile extension.

Correct Answer: B

QUESTION 6

A company has an SRST gateway running an IOS XE image. The company plans to enable the IPv6 addressing companywide. To enable the IPv6 in a unified SRST gateway to support SIP phones, what are two supported supplementary features for an IPv6 fallback scenario? (Choose two.)

- A. three-way conference
- B. secure SIP lines
- C. T.38 fax relay
- D. transcoding
- E. SIP trunk

Correct Answer: AC

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cusrst/admin/sccp_sip_srst/configuration/guide/SCP_and_SIP_SRST_Admin_Guide/srst_sip_isr4000.html

QUESTION 7

The company Cisco UCM cluster has two different gateways for off-net calls. The current configuration uses 9 as a prefix to get to the main gateway. The secondary gateway is for any calls that start with 9713, but this is not yet configured. The admin does not want to add more route patterns other than the current 9 prefix for the gateway to the Cisco UCM. How must the Cisco UCM be configured to meet the requirements?

- A. Configure a Route Group and a Route List to send calls with prefix 9713 to the secondary gateway.
- B. Configure two partitions and two CSSs, then add a translation pattern with the secondary CSS to send all calls with

9713 to the secondary gateway.

C. Configure two CSSs, then add a translation pattern with the secondary CSS to send calls with 9713 to the secondary gateway.

D. Create a Standard Route Group to dynamically route calls with prefix 9713 to the secondary gateway.

Correct Answer: C

QUESTION 8

An administrator configured Cisco Unified Mobility to block access to remote destinations for certain caller IDs. A user reports that a blocked caller was able to reach a remote destination. Which action resolves the issue?

A. Configure an access list.

B. Configure Single Number Reach.

C. Configure Mobile Voice Access.

D. Configure a mobility identity.

Correct Answer: C

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/10_5_2/ccmfeat/CUCM_BK_C3A84B33_00_cucm-feature-configuration-guide_1052/CUCM_BK_C3A84B33_00_cucm-feature-configurationguide_chapter_010.html

QUESTION 9

When an administrator troubleshoots H.323 call setup, which message gives an alert that the called party is being notified about the call?

A. ALERTING

B. PROCEEDING

C. CONNECT

D. RINGING

Correct Answer: A

QUESTION 10

Which configuration must an administrator perform to display Translation Pattern operations in Cisco UCM SDL traces?

- A. Enable the Detailed Call Analysis option under Enterprise Parameters for Cisco UCM.
- B. Set up the Digit Analysis Complexity in Service Parameters for Cisco UCM to TranslationAndAlternatePatternAnalysis.
- C. Check the Translation Patterns Analysis check box in Micro Traces on the Cisco UCM Serviceability page.
- D. By default, the Translation Patterns operations are printed in SDL traces, so no additional configuration is necessary.

Correct Answer: B

There is a bug CSCvb32314 in CUCM. Symptom:

Translation patterns are not present in cucm SDL traces even parameter "Digit Analysis Complexity" under Service parameters -> Call Manager -> Advanced is set to "TranslationAndAlternatePatternAnalysis". This is causing troubleshooting

of HCS looping dial plan issues (or complex dialplan issues) difficult as translation patterns applied before reaching endpoint are not visible.

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/hcs/12_5/HCS_Solution/Troubleshooting/chcs_b_troubleshooting-guide/chcs_m_troubleshooting-voice-application-components.html?dtid=osscdc000283

QUESTION 11

A support engineer is troubleshooting a voice network. When conducting a search for call setup details related to calling search space issues, which trace files should be investigated?

- A. CallManager traces
- B. CTI Manager traces
- C. Cisco IP Manager Assistant
- D. Call logs

Correct Answer: A

QUESTION 12

An engineer is configuring a Cisco UCM solution. The requirements state that some users in one location will receive calls from a number during work hours 09AM to 5PM, and another group will get the calls from the same number outside this defined timeslot. Users will also change the outgoing number when reaching out to customers based on the same time-of-day routing rules. Which feature is needed to allow for this type of configuration?

- A. partitions
- B. CSS
- C. route groups
- D. route lists

Correct Answer: B

QUESTION 13

A new solution is configured to support internal, local, and international calling. Calling [+44 1111 1111] from one of the registered internal phones does not work. Local and internal calls seem to work without any problems. The configuration has patterns configured to match the failing dialed number [+44]. The other configured patterns show [2...] for internal numbers and [555 ...] for local numbers. International numbers use E.164 as recommended. What is missing to make this solution work?

- A. 001 or 00 must be used instead of the + sign on Cisco UCM
- B. =+ cannot be used in a route pattern, only in a SIP pattern
- C. \ in front of the +
- D. / in front of the +

Correct Answer: C

QUESTION 14

Which two configuration parameters are prerequisites to set Native Call Queuing on Cisco UCM? (Choose two.)

- A. Cisco IP Voice Media Streaming Service must be activated on at least one node in the cluster.
- B. A unicast music on hold audio source must be configured.
- C. Cisco RIS data collector service must be running on the same server as the Cisco CallManager service.
- D. The maximum number of callers allowed in queue must be 10.
- E. The phone button template must have the Queue Status Softkey configured.

Correct Answer: AC

Reference: https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/12_0_1/systemConfig/cucm_b_system-configuration-guide-1201/cucm_b_system-configuration-guide-1201_chapter_01001101.html#CUCM_RF_C960BC9A_00

QUESTION 15

An administrator is trying to apply configuration changes on Cisco CME. When the users registered on Cisco CME to dial a local number to a PSTN call, the Cisco CME sends an incorrect number of digits. What translation rule fixes the issue and sends the correct number of digits?

- A. voice translation-rule 1 rule 1 // // type any subscriber plan any isdn

B. voice translation-rule 1 rule 1 /^4...\$/ /2404\0/ type any national plan any isdn

C. voice translation-rule 1 rule 1 /^4...\$/ /9132404\0/ type any subscriber plan any isdn

D. voice translation-rule 1 rule 1 /^4...\$/ /2404\0/ type any subscriber plan any isdn

Correct Answer: C

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