



300-080

Troubleshooting Cisco IP Telephony and Video

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SUCCESS GUIDE TO CISCO CERTIFICATION

Exam Summary – Syllabus – Questions

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Introduction to 300-080 Exam on Troubleshooting Cisco IP Telephony and Video

A great way to start the Cisco Certified Network Professional Collaboration (CTCOLLAB) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Cisco 300-080 certification exam. This study guide is an instrument to get you on the same page with Cisco and understand the nature of the Cisco CCNP Collaboration exam.

Our team of experts has composed this Cisco 300-080 exam preparation guide to provide the overview about Cisco Troubleshooting Cisco IP Telephony and Video exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Cisco CTCOLLAB exam by identifying prerequisite areas of knowledge. We recommend you to refer the simulation questions and practice test listed in this guide to determine what type of questions will be asked and the level of difficulty that could be tested in the Cisco CCNP Collaboration certification exam.

Cisco 300-080 Certification Details:

Exam Name	Troubleshooting Cisco IP Telephony and Video
Exam Number	300-080 CTCOLLAB
Exam Price	\$300 USD
Duration	75 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Troubleshooting Cisco IP Telephony and Video (CTCOLLAB) Cisco Technology Training for Collaboration E-Learning
Exam Registration	PEARSON VUE
Sample Questions	Cisco 300-080 Sample Questions
Practice Exam	Cisco Certified Network Professional Collaboration Practice Test

Cisco 300-080 Exam Syllabus:

Section	Weight	Objectives
Troubleshoot Registration Issues	15%	<ol style="list-style-type: none"> 1 Troubleshoot issues with endpoint registration 2 Troubleshoot issues with gateway 3 Troubleshoot CUCM and VCS registration 4 Troubleshoot database replication issues in Cisco Unified Communications Manager, VCS and Expressway
Troubleshoot Call Setup Issues	25%	<ol style="list-style-type: none"> 1 Troubleshoot intersite call setup issues 2 Troubleshoot intrasite call setup issues 3 Troubleshoot multipoint calls 4 Troubleshoot offnet call setup issues 5 Troubleshoot the dial plan 6 Troubleshoot one way audio and video 7 Troubleshoot and analyze call set up
Troubleshoot Call Control Discovery and ILS	15%	<ol style="list-style-type: none"> 1 Troubleshoot Service Advertisement Framework Forwarder issues 2 Troubleshoot Service Advertisement Framework Client Control issues 3 Troubleshoot Service Advertisement Framework Call Control Discovery issues 4 Troubleshoot URI dialing/ILS 5 Troubleshoot H.323 and SIP traces/logs/debug
Troubleshoot Application Issues	7%	<ol style="list-style-type: none"> 1 Troubleshoot Cisco Extension Mobility issues 2 Troubleshoot Cisco Unified Communications Manager Device Mobility issues 3 Troubleshoot Cisco Unified Mobility issues

Section	Weight	Objectives
Troubleshoot Media Resources	13%	1 Troubleshoot conference bridges (IOS router, MCU, TelePresence server) 2 Troubleshoot transcoders 3 Troubleshoot MTP 4 Troubleshoot conferencing issues (meeting room/ad hoc conference rooms, maximum participants, and common conference wide settings)
Troubleshoot Call Quality Issues	13%	1 Troubleshoot dropped calls 2 Troubleshoot audio quality issues 3 Identify general network issues related to video 4 Troubleshoot video signal quality issues
Troubleshooting Video Conferencing Architecture	12%	1 Use TMS to troubleshoot systems managed by TMS 2 Troubleshoot an endpoint (logs, traces, and audio/video) 3 Troubleshoot bandwidth mis-match between endpoints and infrastructure

300-080 Sample Questions:

01. Which two options are not elements of the Cisco Collaboration Systems solution?

(Choose two.)

- a) Cisco Unified Communications Manager
- b) End user
- c) Cisco Unity Connection, Cisco Unified Communications Manager IM and Presence, or other Cisco
- d) Collaboration Systems applications
- e) Network infrastructure
- f) File or application server
- g) Endpoints

02. When configuring Active Directory Service for device authentication, the AD domain that you enter must match the fully qualified domain name (FQDN) of the AD domain that Cisco VCS will join. It must be entered in upper case.

- a) True
- b) False

03. Which default domain group must not be used to authenticate web users on Cisco VCS?

- a) Domain Admins
- b) Domain Users
- c) Enterprise Admins
- d) Schema Admins
- e) Domain Guests

04. What is the most typical issue that causes a call setup to fail within a single site?

- a) A translation pattern is configured as urgent
- b) Caller ID is missing or incorrect
- c) Incorrect CoS settings such as CSSs and route partitions
- d) Destination is a shared line

05. Which problem would never cause a multisite intracluster call to fail?

- a) A codec mismatch between the two endpoints
- b) CoS settings on the endpoints
- c) Incorrect digit manipulation
- d) Lack of required media resource
- e) A codec match between the two endpoints

06. Which two options describe items that cannot be advertised by GDPR?

(Choose two.)

- a) Enterprise number
- b) Directory number
- c) +E.164 number
- d) PSTN failover rule
- e) +E.164 pattern
- f) Route pattern

07. Which two options describe possible causes for a cluster not advertising information to other clusters?

(Choose two.)

- a) Blocked patterns at the advertising cluster
- b) Blocked numbers at the advertising cluster
- c) Blocked URIs at the advertising cluster
- d) Blocked patterns at the receiving cluster
- e) GDPR is not enabled
- f) Cluster is configured with a wrong password

08. Which configuration element is not used to implement Unified Mobility?

- a) Softkey templates
- b) User accounts
- c) Access lists
- d) Remote destination profiles
- e) Remote destinations
- f) Enterprise parameters

09. The user finds that the Mobility button does not exist on the office phone. Which is the most probable cause?

- a) The user who is enabled for Mobile Connect may not be properly associated with the office phone device.
- b) The office phone device is not enabled for Mobile Connect.
- c) The softkey template with the Mobility button is not attached to the office phone device.
- d) The Mobile Connect service has not been activated.

10. After an IP Phone gets IP address information from DHCP, what is the next step in the initialization process?

- a) CTL and ITL files are downloaded.
- b) The phone requests its VLAN information.
- c) The DHCP offer is sent from the phone
- d) The TFTP server is contacted for configuration information.
- e) Nothing else is required, the phone is operational at this stage

Answers to 300-080 Exam Questions:

Question: 01	Question: 02	Question: 03	Question: 04	Question: 05
Answer: b, f	Answer: a	Answer: b	Answer: c	Answer: e
Question: 06	Question: 07	Question: 08	Question: 09	Question: 10
Answer: b, f	Answer: e, f	Answer: f	Answer: c	Answer: d

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@nwexam.com