



# CISCO 300-815

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**Cisco CCNP Collaboration Certification Questions & Answers**

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**Exam Summary – Syllabus – Questions**

**300-815**

**[Cisco Certified Network Professional Collaboration](#)**

**55-65 Questions Exam – Variable (750-850 / 1000 Approx.) % Cut Score – Duration of 90 minutes**

## Table of Contents:

Know Your 300-815 Certification Well: .....	2
Cisco 300-815 CCNP Collaboration Certification Details: .	2
300-815 Syllabus:.....	3
Cisco 300-815 Sample Questions: .....	5
Study Guide to Crack Cisco CCNP Collaboration 300-815 Exam: .....	8

## Know Your 300-815 Certification Well:

The 300-815 is best suitable for candidates who want to gain knowledge in the Cisco Collaboration. Before you start your 300-815 preparation you may struggle to get all the crucial CCNP Collaboration materials like 300-815 syllabus, sample questions, study guide.

But don't worry the 300-815 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 300-815 syllabus?
- How many questions are there in the 300-815 exam?
- Which Practice test would help me to pass the 300-815 exam at the first attempt?

Passing the 300-815 exam makes you Cisco Certified Network Professional Collaboration. Having the CCNP Collaboration certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## Cisco 300-815 CCNP Collaboration Certification Details:

<b>Exam Name</b>	Implementing Cisco Advanced Call Control and Mobility Services
<b>Exam Code</b>	300-815
<b>Exam Price</b>	\$300 USD
<b>Duration</b>	90 minutes
<b>Number of Questions</b>	55-65
<b>Passing Score</b>	Variable (750-850 / 1000 Approx.)
<b>Recommended Training</b>	<a href="#"><u>Cisco Certified Network Professional Collaboration Practice Test</u></a>
<b>Exam Registration</b>	<a href="#"><u>Cisco Certified Network Professional Collaboration Practice Test</u></a>
<b>Sample Questions</b>	<a href="#"><u>Cisco Certified Network Professional Collaboration Practice Test</u></a>
<b>Practice Exam</b>	<a href="#"><u>Cisco Certified Network Professional Collaboration Practice Test</u></a>

## 300-815 Syllabus:

Section	Weight	Objectives
Signaling and Media Protocols	20%	<ul style="list-style-type: none"> <li>- Troubleshoot these elements of a SIP conversation <ul style="list-style-type: none"> <li>• Early media</li> <li>• PRACK</li> <li>• Mid-call signaling (hold/resume, call transfer, conferencing)</li> <li>• Session timers</li> <li>• UPDATE</li> </ul> </li> <li>- Troubleshoot these H.323 protocol elements <ul style="list-style-type: none"> <li>• DTMF</li> <li>• Call set up and tear down</li> </ul> </li> <li>- Troubleshoot media establishment</li> </ul>
CME/SRST Gateway Technologies	10%	<ul style="list-style-type: none"> <li>- Configure Cisco Unified Communications Manager Express for SIP phone registration</li> <li>- Configure Cisco Unified CME dial plans</li> <li>- Implement toll fraud prevention</li> <li>- Configure these advanced Cisco Unified CME features <ul style="list-style-type: none"> <li>• Hunt groups</li> <li>• Call park</li> <li>• Paging</li> </ul> </li> <li>- Configure SIP SRST gateway</li> </ul>
Cisco Unified Border Element	15%	<ul style="list-style-type: none"> <li>- Configure these Cisco Unified Border Element dial plan elements <ul style="list-style-type: none"> <li>• DTMF</li> <li>• Voice translation rules and profiles</li> <li>• Codec preference list</li> <li>• Dial peers</li> <li>• Header and SDP manipulation with SIP profiles</li> <li>• Signaling and media bindings</li> </ul> </li> <li>- Troubleshoot these Cisco Unified Border Element dial plan elements</li> </ul>

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		<ul style="list-style-type: none"> <li>• DTMF</li> <li>• Voice translation rules and profiles</li> <li>• Codec preference list</li> <li>• Dial peers</li> <li>• Header and SDP manipulation with SIP profiles</li> <li>• Signaling and media bindings</li> </ul>
Call Control and Dial Planning	25%	<ul style="list-style-type: none"> <li>- Configure these globalized call routing elements in Cisco Unified Communications Manager <ul style="list-style-type: none"> <li>• Translation patterns</li> <li>• Route patterns</li> <li>• SIP route patterns</li> <li>• Transformation patterns</li> <li>• Standard local route group</li> <li>• TEHO</li> <li>• SIP trunking</li> </ul> </li> <li>- Troubleshoot these globalized call routing elements in Cisco Unified Communications Manager <ul style="list-style-type: none"> <li>• Translation patterns</li> <li>• Route patterns</li> <li>• SIP route patterns</li> <li>• Transformation patterns</li> <li>• Standard local route group</li> <li>• TEHO</li> <li>• SIP trunking</li> </ul> </li> </ul>
Cisco Unified CM Call Control Features	20%	<ul style="list-style-type: none"> <li>- Troubleshoot Call Admission Control (exclude RSVP)</li> <li>- Configure ILS, URI synchronization, and GDPR</li> <li>- Configure hunt groups</li> <li>- Configure call queuing</li> <li>- Configure time of day routing</li> <li>- Configure supplementary functions <ul style="list-style-type: none"> <li>• Call park</li> <li>• Meet-me</li> <li>• Call pick-up</li> </ul> </li> </ul>

Section	Weight	Objectives
Mobility	10%	<ul style="list-style-type: none"><li>- Configure Cisco Unified Communications Manager Mobility<ul style="list-style-type: none"><li>• Unified Mobility</li><li>• Extension Mobility</li><li>• Device Mobility</li></ul></li><li>- Troubleshoot Cisco Unified Communications Manager Mobility<ul style="list-style-type: none"><li>• Unified Mobility</li><li>• Extension Mobility</li><li>• Device Mobility</li></ul></li></ul>

## Cisco 300-815 Sample Questions:

### Question: 1

Which command is required before registered SIP IP phones can call other SIP IP phones or endpoints behind a SIP trunk?

- a) ip address trusted list
- b) allow-connections sip to sip
- c) registrar server
- d) telephony-service

**Answer: b**

### Question: 2

In an early offer call, which two SIP messages carry the SDP message body? (Choose two.)

- a) INVITE
- b) 100 Trying
- c) 200 OK
- d) ACK
- e) BYE

**Answer: a, c**

**Question: 3**

By default, when CUBE receives a SIP packet from an untrusted source, what action is taken?

- a) CUBE sends a 403 Forbidden.
- b) CUBE trusts all IP addresses and routes the call.
- c) CUBE drops the packet.
- d) CUBE sends a 503 Service Unavailable.

**Answer: c**

**Question: 4**

When does Unified CM perform digit analysis for remote destination numbers?

- a) In parallel with digit analysis for the desk phone number
- b) After the Delay Before Ringing timer expires
- c) When the user clicks the iDivert softkey
- d) At the time of configuring the remote destination

**Answer: a**

**Question: 5**

You see the voice register pool 1 command in your Cisco Unified Communications Manager Express configuration. Which configuration is occurring in this section?

- a) configuration for SIP registrar service
- b) configuration for a single SIP phone
- c) configuration for a pool of SIP phones (similar to device pool on Cisco Unified Communications Manager)
- d) configuration items common for all SIP phones

**Answer: b**

**Question: 6**

How can Unified CM determine if the remote peer defined on a SIP trunk is available to receive calls?

- a) Check the Dialed Number Analyzer (DNA) tool in Unified CM.
- b) SIP is a peer-to-peer protocol, so this is not possible.
- c) Use SIP OPTIONS ping.
- d) Do a TCP handshake to see if it succeeds.

**Answer: c**

**Question: 7**

What applications can be integrated with Unified CM using SIP trunks? (Choose three.)

- a) Cisco Emergency Responder (CER)
- b) Cisco Unity Connection (CUC)
- c) Active Directory (AD)
- d) Unified instant messaging and presence (IM&P)
- e) Cisco Unified Border Element (CUBE)

**Answer: b, d, e**

**Question: 8**

An administrator is configuring a cluster for ILS and wants to limit the amount of entities that Cisco Unified Communications Manager can write to the database for data that is learned through ILS. Which service parameter is used to adjust this limit?

- a) Global Data Service Parameter Limit
- b) ILS Max Number of Learned Objects in Database
- c) ILS Active Learned Object Upper Limit
- d) Imported Dial Plan Replication Database Object Lower Limit

**Answer: b**

**Question: 9**

For a SIP to SIP call flow, when does Cisco Unified Border Element require transcoding resources for DTMF?

- a) interworking between an OOB method and RFC2833 for flow-through calls
- b) interworking between h245-alpha numeric and sip-kpml
- c) interworking between an OOB method and RFC2833 for flow-around calls
- d) interworking between h245-signal and rtp-nte

**Answer: c**

**Question: 10**

Where is most configuration for the Conference Now feature performed?

- a) Conference bridge media resource configuration
- b) End-user configuration
- c) Device configuration
- d) Annunciator configuration



e) Interactive voice response configuration

**Answer: b**

## Study Guide to Crack Cisco CCNP Collaboration 300-815 Exam:

- Getting details of the 300-815 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 300-815 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Cisco provided training for 300-815 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 300-815 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 300-815 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

### Reliable Online Practice Test for 300-815 Certification

Make NWExam.com your best friend during your Implementing Cisco Advanced Call Control and Mobility Services exam preparation. We provide authentic practice tests for the 300-815 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 300-815 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the 300-815 exam.

**Start Online Practice of 300-815 Exam by Visiting URL**

**<https://www.nwexam.com/cisco/300-815-implementing-cisco-advanced-call-control-and-mobility-services-claccm>**