

随着思科协作技术的演变，协作人才必须具备优化设计，实施，配置和故障排除的网络解决方案的能力。CCNP协作认证代表了当前视频与语音的网络技术整合，建立并验证当今协作专业人才所需的技能。

随着思科语音及视频内容的技术转变，CCNP 语音考试及培训课程也随着修改。该文档总结了被删除的考试主题以及从 CCNP 语音到 CCNP 协作所增加的考试主题。

CCNP语音与CCNP协作考试对比表

| CCNP 语音考试要求 | CCNP 协作考试要求 |
|--|---|
| 642-447 CIPT1 Implementing Cisco Unified Communications Manager, Part 1 | 300-070 CIPTV1 Implementing Cisco IP Telephony and Video, Part 1 |
| 642-457 CIPT2 Implementing Cisco Unified Communications Manager, Part 2 | 300-075 CIPTV2 Implementing Cisco IP Telephony and Video, Part 2 |
| 642-427 TVOICE Troubleshooting Cisco Unified Communications | 300-080 CTCOLLAB Troubleshooting Cisco IP Telephony and Video |
| 642-467 CAPPs Integrating Cisco Unified Communications Applications | 300-085 CAPPs Implementing Cisco Collaboration Applications |
| 642-437 CVOICE Implementing Cisco Voice Communications and QoS | |

考生持有有效的CCNP语音认证可以利用CCNP协作考试转换工具来决定他们的未来认证路线。

考试主题及课程更新

更新的考试主题及培训课程已上线。以下表格展示了更新内容，考生可在准备参加 Professional级别的考试之前深入了解。

CIPT1与CIPTV1考试主题对比表



| 642-447 CIPT1 考试主题 | 300-070 CIPTV1 考试主题 |
|---|---|
| Perform Initial Setup of a Cisco Unified Communications Manager Cluster | Dial Plan |
| Describe and Configure Cisco Unified Communications Manager to Support On-Cluster Calling | Describe the Basic Operation and Components Involved in a Call |
| Describe and Configure a Route plan for Cisco Unified Communications Manager to Support Off-Net Calling | Configure an IOS Gateway |
| Describe and Configure Cisco Unified Communications Manager Media Resources | Configure Conferencing Device |
| Describe and Configure the Cisco Unified Communications Manager to Support Features and Applications | QoS Model |
| | Describe and Configure Cisco Unified Communications Manager to Support On-Cluster Calling |
| | Configure Media Resources |

(CIPTV1) Implementing Cisco IP Telephony & Video, Part 1 课程更新

以下内容被更新在此次课程中:

- Video calling
- Cisco IOS gateway,
- Cisco Unified Border Element (CUBE)
- QoS topics

以下内容已从课程中移除:

- Cisco Unified Mobility
- CUCM Native Presence

CIPT2与CIPTV2 考试主题比较

| 642-457 CIPT2 考试主题 | 300-075 CIPTV2 考试主题 |
|---|---------------------|
| Describe and Implement Centralized Call Processing Redundancy | VCS Control |



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|---|--|
| Describe and Configure a Multi-Site Dial Plan for Cisco Unified Communication Manager | Collaboration Edge (VCS Expressway) |
| Implement Call Control Discovery and Cisco Inter Company Media Exchange | Configure CUCM Video Service Parameters |
| Implement Bandwidth Management and Call Admission Control | Describe and Implement Centralized Call Processing Redundancy |
| Implement Mobility Features | Describe and Configure a Multi-site Dial Plan for Cisco Unified Communications Manager |
| | Implement Call Control Discovery/ILS |
| | Implement Video Mobility Features |
| | Implement Bandwidth Management and Call Admission Control on CUCM |

(CIPTV2) Implementing Cisco IP Telephony & Video, Part 2 课程更新

以下内容被更新在此次课程中:

- URI-based call routing and support for video calls
- Cisco Unified
- Enhanced location CAC GDPR

TVOICE与CTCOLLAB 考试主题比较

| 642-427 TVOICE 考试主题 | 300-080 CTCOLLAB 考试主题 |
|---|---|
| Apply the Cisco Recommended Methodology used to Determine General Unified Communications System Problems and Issues | Troubleshoot Registration Issues |
| Identify Available Tools to Operate and Troubleshoot a Unified Communications System | Troubleshoot Call Setup Issue |
| Troubleshoot Registration Issues | Troubleshoot Call Control Discovery and ILS |
| Troubleshoot Call Setup Issues | Troubleshoot Application Issues |
| Troubleshoot Database Issues | Troubleshoot Application Issues |
| Troubleshoot Call Control Discovery and Cisco Inter Company Media Exchange | Troubleshoot Call Quality Issues |
| Troubleshoot Application Issues | Troubleshooting Video Conferencing |



| | |
|-----------------------------------|--------------|
| | Architecture |
| Troubleshoot Media Resources | |
| Troubleshoot Voice Quality Issues | |

(CTCOLLAB)Troubleshooting Cisco IP Telephony and Video 课程更新

以下内容被更新在此次课程中:

- Troubleshooting Video calling
- Troubleshooting Cisco VCS Control
- Troubleshooting Cisco VCS Expressway series
- Troubleshooting Cisco TelePresence Management Suite

CAPPS v8.0 to CAPPS v1.0 考试主题比较

| 642-467 CAPPS v8.0 考试主题 | 300-085 CAPPS V1.0 考试主题 |
|--|---|
| Configure Cisco Unity Connection | TMS |
| Configure Cisco Unity Express using the GUI | Provisioning (TMS) |
| Configure VPIM to network Cisco Unity Connection and Cisco Unity Express | Cisco Jabber |
| Implement Cisco Unified Presence solution | Configure Cisco Unity Connection |
| | Configure Cisco Unity Express Using the GUI |
| | Implement IM and Presence Solution |

(CAPPS) Implementing Cisco Collaboration Applications

以下内容被更新在此次课程中:

- Video calling and video greetings
- Video calling infrastructure
- New client devices Cisco Jabber and Cisco Jabber for Telepresence
- Cisco Prime Collaboration Provisioning for efficient system deployments

了解更多

了解更多关于更新的[CCNP协作认证内容](#)并立即开始学习备考。

