

VII (Cisco Video Infrastructure Implementation)

前提条件

- IPネットワークの知識と経験
- ビデオ会議とストリーミングの基礎的な知識

上記前提条件のための推奨トレーニングは次の通りです。

- Cisco Basic IP Networking (e-Learning) または Interconnecting Cisco Devices, Part 1 (ICND1) および Part 2 (ICND2)
- Implementing Cisco Video Networking Devices, Part 1 (CIVND1) および Part 2 (CIVND2)

以下の知識、経験があるとより効果的に学習できます。

- Microsoftエンタープライズ製品の技術的な知識(Windows Server、Active Directory、SQL Server、etc)
- Cisco Meeting Serverと統合するMicrosoft Skype for Businessの実装とサポートの知識

受講対象者

- Cisco TelePresence Specialist認定を取得する方
- Advanced Video および Master Collaboration スペシャライゼーション パートナー
- Advanced Collaboration Architecture スペシャライゼーション パートナー
- (推奨) Express Video および Express Collaboration スペシャライゼーション パートナー

目的

Cisco テレプレゼンス ビデオネットワークの基本から応用までの実装とCisco ビデオ インフラストラクチャの統合を可能にする知識と技術を身に着ける

アウトライン

Module 1: Advanced Cisco Expressway Features

- Lesson 1: Introducing Cisco Video Network Solutions
- Lesson 2: Exploring Cisco Expressway Basic Setup
- Lesson 3: Explaining Regular Expressions in a Cisco Expressway Environment
- Guided Lab 1: Explaining Regular Expressions in a Cisco Expressway Environment
- Lesson 4: Deploying Components of Cisco Expressway Security
- Guided Lab 2: Deploying Components of Cisco Expressway Security

- Lesson 5: Exploring the Fundamentals of Subzones on a Cisco Expressway
- Guided Lab 3: Exploring the Fundamentals of Subzones on a Cisco Expressway
- Lesson 6: Administering Call Control on a Cisco Expressway
- Lesson 7: Implementing Subzone Bandwidth Management on a Cisco Expressway
- Guided Lab 4: Implementing Subzone Bandwidth Management on a Cisco Expressway
- Lesson 8: Implementing Zones on a Cisco Expressway
- Guided Lab 5: Implementing Zones on a Cisco Expressway
- Lesson 9: Exploring Clustering on the Cisco Expressway
- Lesson 10: Applying Troubleshooting on the Cisco Expressway
- Guided Lab 6: Applying Troubleshooting on the Cisco Expressway

Module 2: Advanced Cisco Meeting Server Features

- Lesson 1: Introducing the Cisco Meeting Server
- Lesson 2: Applying Troubleshooting on the Cisco Expressway
- Guided Lab 7: Applying Troubleshooting on the Cisco Expressway
- Lesson 3: Exploring Cisco Meeting Server Resilient and Scalable Deployments
- Guided Lab 8: Exploring Cisco Meeting Server Resilient and Scalable Deployments
- Lesson 4: Exploring Additional Features with Cisco Meeting Server

Module 3: Cisco Collaboration Meeting Room Solutions with Cisco TelePresence Server

- Lesson 1: Introducing Cisco Collaboration Meeting Room Cloud, Premises, and Hybrid Products
- Lesson 2: Deploying the Cisco TelePresence Server and Cisco TelePresence Conductor
- Guided Lab 9: Deploying the Cisco TelePresence Server and Cisco TelePresence Conductor
- Lesson 3: Applying Troubleshooting to Cisco CMR Premises Solutions
- Guided Lab 10: Applying Troubleshooting to Cisco CMR Premises Solutions

Module 4: Cisco TelePresence Management Suite Solution

- Lesson 1: Explaining Cisco TMS Installation
- Lesson 2: Describing Cisco TMS Operation
- Guided Lab 11: Describing Cisco TMS Operation
- Lesson 3: Explaining Cisco TMS Conference Scheduling and Management
- Guided Lab 12: Explaining Cisco TMS Conference Scheduling and Management
- Lesson 4: Configuring Permissions on Cisco TMS for Administration
- Guided Lab 13: Configuring Permissions on Cisco TMS for Administration
- Lesson 5: Applying Troubleshooting to Cisco TMS

Module 5: Cisco Cloud Solutions - WebEx and Spark

- Lesson 1: Introducing Cisco WebEx and Cisco Spark Cloud Solutions
- Lesson 2: Exploring Cisco Spark Administration Configuration
- Guided Lab 14: Exploring Cisco Spark Administration Configuration
- Lesson 3: Deploying Cisco Spark Hybrid Services
- Guided Lab 15: Deploying Cisco Spark Hybrid Services
- Lesson 4: Exploring Cisco Spark APIs and BOTs Configuration

Module 6: Cisco TelePresence Content Server (Optional Module)

- Lesson 1: Examining Cisco TCS Operation and Configuration