Iverson Associates Sdn Bhd (303330-M)
Suite T113 – T114, 3rd Floor, Centrepoint, Lebuh Bandar Utama
Bandar Utama, 47800 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-7726 2678   Fax: 03-7727 9737   Website: www.iverson.com.my

Course Outline :: CIVND2::

Module Title	:	CIVND2 - Implementing Cisco Video Network Devices, Part 2 (CIVND2)
Duration	:	5 days

Overview

Learn the characteristics and requirements of a successful Cisco video solution implementation and prepare for the CIVND certification exam (210-065).

- This course is an update to the Implementing Cisco Video Network Devices v1.0 (VIVND) course. It will help you prepare for the CCNA Collaboration certification.
- This course includes a combination of the self-paced (CIVND1) and classroom (CIVND2) learning for optimal instruction.
- Part 1 of Implementing Cisco Video Network Devices v1.0 (self-paced portion) provides you with the necessary knowledge to describe characteristics of Cisco video solutions and assess the requirements for a successful implementation of a video solution. The course describes the characteristics of a video solution and enables you to evaluate the general requirements for video deployments such as codec options, media formats, protocols, network impact, high-level architectural components, interactions, and requisites to the environment.
- Part 2 of Implementing Cisco Video Network Devices v1.0 (classroom portion) is designed to provide you with the necessary knowledge and skills to implement various Cisco video endpoints in converged Cisco video infrastructures. It will describes Cisco Business Video solutions and enable you to implement and troubleshoot Cisco Unified Communication and Collaboration, TelePresence, and Digital Media Player in different Cisco Business Video solution architectures.

The software applications that are covered in this course include:

- Cisco Unified Communications Manager
- Cisco Unified Communications Manager IM and Presence
- Cisco TelePresence Video Communication Server
- Cisco TelePresence Multipoint Controller Unit
- Cisco TMS Server

Who Should Attend

- Network Video Operator and Administrator
- Voice / UC / Collaboration / Communications Engineer
- Collaboration Tools Engineer
- Collaboration Sales / Systems Engineer

Iverson Associates Sdn Bhd (303330-M)
Suite T113 – T114, 3rd Floor, Centrepoint, Lebuh Bandar Utama
Bandar Utama, 47800 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-7726 2678   Fax: 03-7727 9737   Website: www.iverson.com.my

Course Outline :: CIVND2::

Course Certifications

This course is part of the following Certifications:

CCNA Collaboration

Prerequisites

- Working knowledge of basic IP networking
- Knowledge of video conferencing and streaming fundamentals

Course Objectives

- Cisco video and conferencing components and architectures
- Implement and configure Cisco Collaboration endpoints
- Implement and configure Cisco TelePresence endpoints
- Implement multipoint conferencing on Cisco Collaboration endpoints
- Implement Cisco DMP endpoints
- Environment recommendations
- Troubleshooting methodology and support

Course Content

Cisco Business Video Solutions

- Describing Cisco Video and Content Delivery
- Describing Cisco Video Surveillance
- Describing Cisco Collaboration
- Discovering Central Collaboration Endpoint Control Elements

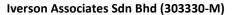**Cisco Unified IP Phones, Collaboration Desk Endpoints and Cisco Jabber**

- Describing and Installing Cisco Unified IP Phones, Collaboration Desk Endpoints, and Cisco Jabber
- Configuring Cisco Unified IP Phones and Cisco Jabber
- Operating and Troubleshooting Cisco Unified IP Phones and Cisco Jabber

Cisco TelePresence Endpoints

- Describing Cisco TelePresence Endpoint Characteristics and Installation
- Configuring Cisco TelePresence CTS Software-Based and Cisco DX650 Endpoints
- Configuring Cisco TelePresence TC Software-Based Endpoints
- Operating and Troubleshooting Cisco TelePresence Endpoints

Multipoint Conferencing

- Describing Cisco Multipoint Conferencing

- Configuring and Monitoring Cisco Multipoint Conferencing

Cisco Digital Media Players

- Describing Cisco DMP Characteristics and Installation

- Configuring the Cisco DMPs

- Managing Cisco Edge 340 DMPs

Labs

Lab 1: Implement Cisco Collaboration Endpoints

Lab 2: Operate and Troubleshoot Cisco Collaboration Endpoints

Lab 3: Implement Cisco Desktop Collaboration Experience DX650 Endpoints

Lab 4: Implement Cisco TelePresence TC Software-Based Endpoints

Lab 5: Implement Multipoint Calls on Cisco Collaboration Endpoints

Lab 6: Implement the Cisco Edge 340 DMP

Lab 7: Use Apps pace to Manage a Cisco Edge 340 DMP (Instructor-Led Demo)