



Avaya Aura® Communication Manager Implementation (ATI02348IEN)

Master the administration of the Avaya S8800 and S8300D servers, G430/G450/G650 gateways, IP endpoints, and publicline access.

Learn to install and test the simplex, duplex, and survivable templates for Avaya Aura Communication Manager Release 6.x in this course. You will administer Avaya S8800 and S8300D servers, G430/G450/G650 gateways, IP endpoints, and public line access. Implementation exercises are supported with additional maintenance and troubleshooting information and references to related courseware and documentation.

What You'll Learn

- Differentiate the Communication Manager role in large solution configurations when SIP endpoints are used/not used
- Prepare to implement Avaya Aura Communication Manager by gathering the necessary components prior to installation
- Install and configure System Platform on the Avaya S8800 and S8300D servers
- Install and test the five Avaya Aura Communication Manager templates on the Avaya S8800 and S8300D servers
- Configure G650/G450/G430 Gateways and Media Modules, IP endpoints, and public line access
- Provision IP telephones by installing current firmware and configuration settings files
- Maintain Communication Manager translations by performing backup and restore activities
- Use supplemental documentation and troubleshooting information to assist the Communication Manager implementation

Who Needs to Attend

Avaya business partners, customers, and Avaya employees with installation and implementation responsibilities

Prerequisites

- [Avaya Aura® Communication Manager Administration \(5U00041\)](#)

Follow-On Courses

There are no follow-ons for this course.

Certification Programs and Certificate Tracks

This course is part of the following programs or tracks:

- [Avaya Certified Implementation Specialist \(ACIS\) - Avaya Aura® Communication Manager and CM Messaging - Embedded \(R6.x\)](#)

Course Outline

1. Course Introduction

- uConnect orientation
- Meet the participants
- Course objectives
- Course agenda and day-by-day activities

2. Avaya Aura Solution Design

- Objectives
- Communication Manager as feature server and evolution server

- Avaya Aura Communication Manager: The Big Picture
- Session Manager roles and configuration
- System Manager roles and configuration
- System Platform and Solution templates
- Avaya Aura Communication Manager templates

3. Prepare to Implement Avaya Aura Communication Manager

- Objectives
- Gather the data needed for the implementation checklist
- Download System Platform and Communication Manager templates
- Download license and authentication files
- Lab exercise

4. Avaya Aura Communication Manager Template on the S8300 Duplex Server

- Cable all hardware components
- Install and configure System Platform
- Install and configure the Communication Manager Embedded CM Main Template
- Install license and authentication files
- Install patches
- Configure G430/G450 gateway and media modules
- Make a test call
- Lab exercise

5. Avaya Aura Communication Manager Template on the S8800 Simplex Server

- Cable all hardware components
- Install and configure System Platform
- Install and configure the Communication Manager Simplex CM Main Template
- Install license and authentication files
- Install patches
- Configure G430/G450 gateway and media modules
- Make a test call
- Lab exercise

6. Avaya Aura Communication Manager Template Implementation on a S8800 Duplex Server

- Cable all hardware components
- Install and configure System Platform
- Install and configure the Communication Manager Duplex CM Main Template
- Install license and authentication files
- Install patches
- Configure G650 gateway and IP-related circuit packs
- Make a test call
- Lab exercise

7. Avaya Aura Embedded Survivable Remote Implementation on a S8300 Duplex Server

- Cable all hardware components
- Install and configure System Platform
- Install and configure the Communication Manager Embedded Survivable Remote Template
- Install license and authentication files
- Install patches
- Configure G430/G450 gateway and media modules
- Make a test call
- Lab exercise

8. Avaya Aura Embedded Survivable Remote Implementation on a S8800 Simplex Server

- Cable all hardware components
- Install and configure System Platform
- Install and configure the Communication Manager Survivable Remote Template
- Install license and authentication files
- Install patches
- Configure G430/G450 gateway and media modules

- Make a test call
- Lab exercise

9. Administer and Test IP Endpoints

- Administer IP endpoints
- Utility server
- Configure the IP telephone network
- Download firmware
- Configure the 46xxsettings.txt file
- Lab exercise

10. Administer Public Trunk Access

- Verify Communication Manager customer option
- Configure Communication Manager for public trunk access
- Configure synchronization
- Verify IDSN service
- Lab exercise

11. Maintenance and Troubleshooting

- Save Communication Manager translations
- System Platform backup and restore
- Troubleshooting the implementation

12. Other Resources

- Related courses
- Related documents

Labs

Lab 1: CM Main Embedded Solution

Lab 2: CM Main Simplex Solution

Lab 3: CM Main Duplex Solution

Lab 4: CM Survivable Remote Embedded (LSP) Solution

Lab 5: CM Survivable Remote Simplex (ESS) Solution

