

IP Telephony Advanced Implementation Workshop

AVA00867H



Duration: 5 days

Overview

This workshop provides an interactive, hands-on lab experience of interconnecting Avaya Media Server-based IP Telephony solutions. Participants will connect two locations through tie trunks and IP trunks, configure network regions, route calls, converge networks, and introduce survivability in the customer's network.

Pre-Requisites

Attendees should meet the following prerequisites:

- ✓ Achieved ACA credential;
- ✓ Be familiar with the Avaya IP Telephony portfolio of products;
- ✓ Successfully passed the Avaya Communication Manager – Networking Assessment (AVA00866AEN). You can obtain this background from Avaya documentation, Avaya University training (IP Telephony Overview Curriculum, Implement ACA Curriculum path), and field experience.

Target Audience

Avaya Employees, BusinessPartners, and Customers with IP Telephony Installation and Implementation responsibilities.

Objectives

After you complete this course you will be able to:

- ✓ Configure a base installation of Communication Manager;
- ✓ Install an IP trunk between two Avaya systems;
- ✓ Establish Virtual Local Area Networks (VLANs) between network locations;
- ✓ Connect locations through Wide Area Networks (WANs);
- ✓ Create network regions;
- ✓ Configure network regions using Call Admission Control (CAC);
- ✓ Converge multiple networks;
- ✓ Implement Enterprise Survivable Servers (ESSs) for increased network survivability;
- ✓ Route calls using Q-Signaling (QSIG);
- ✓ Create and configure a router;
- ✓ Implement Inter-Gateway Alternate Routing (IGAR);
- ✓ Troubleshoot the implementation.