Avaya® Communication Server 1000E Release 7.5 Implementation and Upgrade
6376C

Duration: 5 days

Overview

This course provides information on how to implement and upgrade the Avaya Communication Server 1000E (CS 1000E) system. This course allows you to learn about the hardware and software components of the CS 1000E and to install and verify the correct installation of the hardware and software. It also allows you to learn the process to upgrade to a CS 1000E Release 7.0 system. The Communication Server 1000 portfolio includes full featured, server-based IP PBXs that can be fully distributed over the IP LAN and WAN infrastructures of enterprise environments.

Pre-Requisites

Attendees should meet the following prerequisites:
- ✓ Describe Voice over IP essentials, including the major components of VoIP, signaling standards and protocols, switching technologies, voice quality, and CODECs;
- ✓ Use standard documentation to locate the meaning of alarms and messages;
- ✓ Communicate about CS 1000 system and software architecture, user interfaces, and system management methodology;
- ✓ Log in and communicate with the CS 1000 system using the Command Line Interface (CLI) or Element Manager;
- ✓ Program and maintain system, customer, and individual telephone databases for a Communication Server 1000 system;
- ✓ Program routes and trunks using Element Manager or the Command Line Interface (CLI), and print the appropriate reports to verify the programming;
- ✓ Add, move, change, or delete telephones or consoles and print the appropriate reports to verify the programming;
- ✓ Validate the configuration and installation of an IP Line node and system;
- ✓ Install and configure IP Phones;
- ✓ Perform System Backup;
- ✓ Navigate Unified Communications Management Common Services, Deployment Manager, CS 1000 Element Manager, Network Routing Service Manager, and Subscriber Manager;
- ✓ Identify troubleshooting tools, applications, and management functions available with the CS 1000 system.

Attendance at the following courses:
- ✓ Communication Server 1000 UCM Architecture

DADA.BG
SAY YES TO SUCCESS

Fundamentals (6374);
- ✓ Meridian 1 and Communication Server 1000 6.0 Familiarization (0200);
- ✓ Communication Server 1000 6.0 System Administration and Management (0777).

Objectives

After you complete this course you will be able to:
- ✓ Identify system platform requirements.
- ✓ Identify system hardware and software components.
- ✓ Plan a CS 1000E system installation and a system upgrade to CS 1000E Release 7.0
- ✓ Install hardware components on a CS 1000E HA system with CP PM Call Servers and CP DC Signaling server.
- ✓ Install Linux Base OS.
- ✓ Install and Configure Applications using UCM Deployment Services.

- ✓ Install and Configure CP PM Call Server Software (VxWorks).
- ✓ Configure the Signaling Server Gateway.
- ✓ Install and configure the Media Gateway Controller (MGC).
- ✓ Upgrade an existing Option 11C 5.x system to a CS 1000E 7.0 CPMG/128 Co-Resident system.

Target Audience

Technicians and individuals responsible for installing and upgrading the Avaya Communication Server 1000E system.

Follow on Courses

- ✓ Nortel Communication Server 1000 6.0 Upgrades for Design and Pre-Sales Engineers (6373);
- ✓ Avaya Communication Server 1000E Release 7.0 Implementation and Upgrade (6376).