Communication Server 1000 Rls 5.0 Dialing Plan Design & IP Peer Networking

0781C

Delivery Type: Classroom
Duration: 4 days

Overview

This course is designed for personnel responsible for implementing an IP Peer Network solution for a network that includes multiple Communication Server 1000 systems. IP Peer Networking lets customers distribute system functionality over a Quality of Service (QoS)–managed network. Systems are interconnected by industry standard linking and communication technologies. Interconnected systems work together in the network over IP facilities using direct IP media paths, instead of circuit switching.

Pre-Requisites

Before taking this course, you must complete 0777C, Nortel Communication Server 1000 5.0 System Administration and Management.

You must have the prerequisite skills listed below:
- ✓ Communicate about telecommunication fundamentals, such as analog and digital transmissions, Pulse Code Modulation (PCM), Time Division Multiplexing (TDM), and VoIP signaling standards and protocols.
- ✓ Use Nortel Technical Publications (NTPs) to locate specific information.
- ✓ Identify the hardware and software architecture of Communication Servern1000 systems.
- ✓ Demonstrate knowledge of system access methodology.
- ✓ Configure system-, customer-, and individual station-level databases to meet customer specifications, including trunks, routes, and telephones.
- ✓ Plan passwords, access restrictions, and other controls to protect system resources from unauthorized use.
- ✓ Develop a numbering plan for system resources.
- ✓ Apply knowledge of features and services to identify organizational requirements.
- ✓ Perform ongoing configuration and management tasks.
- ✓ Add, modify and delete system-, customer-, and individual station-level databases, as customer requirements change.
- ✓ Interpret printouts and other records to identify the system configuration, station locations, and feature assignments, and service change activity.

Objectives

- ✓ Implement an IP Peer Networking solution for a multi–site network that includes fully operational CS 1000 systems.
- ✓ After completing this class, you will be able to complete these tasks:
- ✓ Identify IP Peer Networking hardware and software requirements.
- ✓ Communicate about IP Peer Networking concepts and terminology.
- ✓ Program the CS 1000 Call Server to meet the minimum programming requirements for IP Peer Networking. Standardize the dialing plan for use in a network that includes multiple CS 1000 systems, per selected customer scenarios.
- ✓ Enable and configure CS 1000 signaling gateway properties.
- ✓ Configure the CS 1000 Network Routing Service (NRS) for centralized address management and call routing.

Target Audience

This course will be beneficial for Systems Technicians and Engineers.