

CISCO Voice Over IP Course Content:35-40hours

Course Outline

- Voice over IP (VoIP)
- Introducing VoIP Introducing
- Voice Gateways Specifying Requirements for VoIP Calls
- Understanding Codecs
- Codec Complexity and
- DSP Functionality
- Configuring Voice Ports
- Analog Voice Ports
- Understanding Gateway Dial Peers
- Digital Voice Ports
- QSIG
- Implementing VoIP Gateways
- Implementing H.323 Gateways
- Implementing MGCP Gateways
- Implementing SIP Gateways
- Implementing Dial Plans on Voice Gateways
- Understanding Dial Plans
- Implementing Numbering plans
- Configuring Digit Manipulation
- Configuring Path Selection
- Implementing Calling Privileges on Cisco IOS Gateways
- Implementing H.323 Gatekeepers
- Introducing Gatekeepers
- Configuring Basic Gatekeeper Functionality
- Implementing Gatekeeper-Based CAC
- Connecting to an ITSP
- Understanding Special Requirements for External VoIP Connections Implementing CUBEs