



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