



Cisco IP Telephony Part 2

CIPT2

3 day

Overview :

This three-day course is designed to provide delegates with the necessary knowledge and skills to enable video calls and to secure, monitor and manage a Cisco IP telephony solution based on CallManager, the call-routing and signalling component of the Cisco IP Telephony solution.

Target Audience :

This course is aimed at:

- Individuals who are responsible for installing, configuring, and maintaining a Cisco IP Telephony solution.
- Individuals who are responsible for the administration of a Cisco IP telephony solution.

Objectives:

- Harden Cisco IP telephony devices, prevent toll fraud, understand cryptographic concepts, and apply cryptography to a Cisco IP telephony system.
- Classify and use system maintenance tools that can be used in a Cisco CallManager environment.
- Make IP video telephony calls with Cisco VT Advantage and describe the basic components and characteristics of Video calls and Cisco CallManager configuration parameters that enable video

Course Content :

Securing IP Telephony

- Securing the Windows Operating System
- Securing Cisco CallManager Administration
- Preventing Toll Fraud
- Hardening the IP Phone
- Understanding Cryptographic Fundamentals

- Understanding PKI
- Understanding Cisco IP Telephony Authentication and Encryption Fundamentals
- Configuring Cisco IP Telephony Authentication and Encryption

Enabling IP Video Telephony Course

- Introducing IP Video Telephony

Monitoring and Managing IP Telephony

- Configuring Cisco VT Advantage
- Introducing Database Tools and Cisco CallManager Serviceability
- Monitoring Performance
- Configuring Alarms and Traces

Course Prerequisites :

Delegates are required to meet the following prerequisites:

- CCNA
- BCMSN
- CVOICE
- CIPT1

Testing and Certification :

Recommended as preparation for exam(s):

- 642-444 CIPT

Will need to have also studied CIPT1 before sitting this exam

Follow on Courses :

The following courses are recommended for further study:

- IPTT – IP Telephony Troubleshooting
- GWGK – Implementing Cisco Voice Gateways & GateKeepers
- QoS- Implementing Cisco QoS

CIPT is part of the Cisco Certified Voice Professional Certification path and the Cisco IP Telephony Express and Cisco IP Telephony Support Specialisations

Further Information :

CIPT2/	<p>For More information, or to book your course, please call us on 01 814 8200 email salesdesk.ie@globalknowledge.ie Global Knowledge, 3rd Floor, Jervis House, Millennium Walkway, Dublin 1, Ireland</p> <p>http://www.globalknowledge.ie/</p>
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