

Implementing Unified Communications Security V1.0**IUCS****Course content |**

Implementing Unified Communications Security (IUCS) v1.0 prepares you for installing, configuring, and maintaining security on a Cisco Unified Communication solution. This 5-Day course focuses primarily on enabling security on Cisco® Unified CallManager 5.0 and its components and applications.

Course objectives |

Upon completing this course, the learner will be able to meet these overall objectives:

- Identify different type of threats and attacks of Unified Communication infrastructure
- Identify different type of Layer 2 threats and attacks as well as configure Cisco Catalyst Switch to prevent these attacks
- Identify different type of Layer 3 threats and attacks as well as configure Cisco ASA Firewall to prevent these attacks
- Deploy and enable Secure mode for Cisco Unified CallManager
- Implementing Cisco IP phone security
- Implementing Cisco IOS voice gateway security
- Implementing security for intercluster communication
- Implementing Cisco Unified SRST for remote site failover
- Implementing V3PN (Voice and Video Virtual Private Network)
- Securing H.323 and SIP internetworking using IP-IP Gateway
- Implementing security for Unified Communication Application such as Cisco Unified MeetingPlace, Cisco Unified MeetingPlace Express, Cisco Unity Express and Cisco Unity

Who should attend? |

Channel Partner / Reseller, Customer, Employee

Pre-requisite |

Required Knowledge:

- CCNA® certification status or equivalent knowledge Basic Telephony Signaling (INTRO, ICND) Conceptual understanding of Cisco Unified
- CallManager / CallManager Express components (CVOICE, CIPT)
- Foundation of Call Agent on gateway (IPTX)

Course outline |

This subtopic provides an overview of how the course is organized. The course contains these components:

- Course Introduction
- Introduction to Unified Communications Security
- Implementing Infrastructure Security
- Securing Single Site Deployments
- Securing Multi-site Deployments
- Securing VoIP Internetworking
- Securing Unified Communication Applications

Associated Certifications |

None

Course duration |

5 days

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