

# Implementing Cisco Unified Communications Security v1.0

## UCSEC



**Delivery Type:** Classroom

**Duration:** 5 days

### Overview

Cisco Unified Communications support several features and mechanisms to secure voice signaling and communications and to mitigate attacks against Cisco Unified Communications networks. The Implementing Cisco Unified Communications Security (UCSEC) v1.0 course introduces security mechanisms and describes different implementation scenarios that increase the security level of Cisco Unified Communications networks. The course is designed to provide students with the necessary knowledge and skills to implement security features in a Cisco Unified Communications environment.

### Target Audience

This course is designed for experienced Cisco Unified Communications engineers who will be deploying or managing secure Cisco Unified Communications networks

### Pre-Requisites

**Attendees should meet the following prerequisites:**

- ✓ Working knowledge of converged voice and data networks and network Security fundamentals.

- ✓ Working knowledge of Cisco IOS gateways, Cisco Unified SRST gateways, and Cisco Unified Border Element
- ✓ Working knowledge of Cisco Unified Communications Manager and Cisco Unified Communications Manager Express
- ✓ Working knowledge of Cisco IOS Firewall and Cisco ASA Firewalls
- ✓ Working knowledge of IPsec and SSL VPNs
- ✓ CCNP® Voice certification and CCNA Security Certification is recommended.

### Objectives

**After completing this program, you will be able to:**

- ✓ Identify vulnerabilities in Cisco Unified Communications networks and describe security strategies, cryptographic services, PKI, and VPN technologies
- ✓ Implement network infrastructure security features
- ✓ Implement Cisco Unified Communications Manager and Cisco Unified Communications endpoint security features
- ✓ Implement network infrastructure security features.