

# Cisco® Implementing Cisco® Threat Control Solutions v1.5 (SITCS1)

## Course Overview

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This is a 5-day class

Implementing Cisco Threat Control Solutions (SITCS) v1.5 is part of the curriculum path leading to the Cisco Certified Network Professional Security (CCNP Security) certification. Additionally, it is designed to prepare security engineers with the knowledge and hands-on experience so that they can deploy Cisco's Next Generation Firewall (NGFW) as well as Web Security, Email Security and Cloud Web Security.



## Who Should Attend

Network Security Engineers

## Course Objectives

Understand Cisco ASA Next-Generation Firewall (NGFW). Deploy Cisco Web Security appliance to mitigate malware. Configure Web Security appliance for acceptable use controls. Configure Cisco Cloud Web Security Connectors. Describe Cisco Email Security Solution. Configure Cisco Email Appliance Incoming and Outgoing Policies. Describe IPS Threat Controls. Configure and Implement Cisco IPS Sensor into a Network.

## Other Prerequisites

Cisco Certified Network Associate (CCNA) certification  
Cisco Certified Network Associate (CCNA) Security certification  
Knowledge of Microsoft Windows operating system

## Course Outline

### 1 Course Introduction

### 2 Cisco ASA (CX) NGFW

Lesson 1: Describing the Cisco Modular Network Architecture  
Lesson 2: Describing the Cisco ASA (CX) NGFW Management Architecture  
Lesson 3: Configure Cisco ASA (CX) NGFW Policy Objects  
Lesson 4: Monitoring Cisco ASA (CX) NGFW Operations  
Lesson 5: Configuring Cisco ASA (CX) NGFW Access Policies  
Lesson 6: Configuring Cisco ASA (CX) NGFW Identity Policies  
Lesson 7: Configuring Cisco ASA (CX) NGFW Access Decryption Policies  
Lesson 8: Module Summary

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## 3 Cisco Web Security Appliance

Lesson 1: Describing The Cisco Web Security Appliance (WSA) Solutions

Lesson 2: Integrating the Cisco Web Security Appliance

Lesson 3: Configuring Cisco Web Security Appliance Identities and User Authentication Controls

Lesson 4: Configuring Cisco Web Security Appliance Acceptable Use Control

Lesson 5: Configuring Cisco Web Security Appliance Anti-Malware Controls

Lesson 6: Configuring Cisco Web Security Appliance Decryption

Lesson 7: Configuring Cisco Web Security Appliance Data Security Controls

Lesson 8: Module Summary

## 4 Cisco Cloud Web Security

Lesson 1: Describing the Cisco Cloud Web Security Solution

Lesson 2: Configuring Cisco Cloud Web Security Connectors

Lesson 3: Describing the Web Filtering Policy in Cisco ScanCenter

Lesson 4: Module Summary

## 5 Cisco Email Security Appliance

Lesson 1: Describe the Cisco Email Security Solutions

Lesson 2: Describing the Cisco Email Security Appliance Basic Configuration

Lesson 3: Deploying Cisco ASA Application Inspection Policies

Lesson 4: Summary

## 6 Cisco Intrusion Prevention Systems - Lab Guide

Lesson 1: Describing IPS Threat Controls

Lesson 2: Integrating Cisco IPS Sensor into a Network

Lesson 3: Configuring Basic Cisco IPS Settings

Lesson 4: Tuning Cisco IPS Signatures

Lesson 5: Configuring Custom Cisco IPS Signatures

Lesson 6: Configuring Cisco IPS Anomaly-Detection

Lesson 7: Configuring Cisco IPS Reputation-Based Features

Lesson 8: Summary