

# ISEE - ISE ESSENTIALS

Course Code: 860072

This course helps you build a stronger security posture by teaching you how to deploy and optimize Cisco ISE for modern access control challenges. You'll integrate identity sources, fine tune authentication and authorization workflows, and centralize device administration to simplify operations and accelerate secure network delivery.

This two-day course provides you with a focused introduction to Cisco ISE, equipping you with the practical skills to deploy and manage secure network access. You will configure identity sources, set up authentication and authorization policies for users and devices, and use profiling to enhance network visibility. The course also covers TACACS+ integration for device management, ensuring you can administer network devices securely and efficiently.

## What You'll Learn

Key outcomes:

- Understand Cisco ISE architecture and deployment options
- Integrate and manage identity sources, including Active Directory
- Develop and apply network access policies
- Implement endpoint profiling for improved security
- Centralize device administration with TACACS+

## Who Needs to Attend

- Network security engineers
- ISE administrators
- Wireless network security engineers
- Cisco integrators and partners
- Consulting systems engineers
- Technical solutions architects
- Integrators who install and implement the Cisco ISE
- End users (Cisco customers) desiring the knowledge to install, configure, and deploy Cisco ISE

## Prerequisites

There are no prerequisites, but the following are recommended:

- Having a CCNA or equivalent knowledge and skills
- Foundation-level wireless knowledge and skills
- Familiarity with Microsoft Windows and Microsoft Active Directory

- Familiarity with 802.1X

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CLASSROOM LIVE

\$2,795 CAD

2 Day

## Classroom Live Outline

### Module 1: Cisco ISE Overview

- Introducing Cisco ISE Architecture
- Cisco ISE Deployment Models

### Module 2: Identity Sources

- Identity Management
- Active Directory Identity Source
- Additional Identity Sources
- Certificate Service

### Module 3: Introducing ISE Policy

- Cisco ISE Policy
- Cisco ISE Authentication Rules
- Cisco ISE Authorization Rules

### Module 4: Profiler

- ISE Profiler Overview
- Profiling Policy

### Module 5: Tacacs+

- Working with Network Access Devices

## Classroom Live Labs

- Discovery 1: Initial Configuration and Certificate Usage
- Discovery 2: Integration with Active Directory
- Discovery 3: AAA Policy for MAB
- Discovery 4: AAA Policy for 802.1X
- Discovery 5: Cisco ISE Profiling Configuration
- Discovery 6: Profiling Customization
- Discovery 7: TACACS+ Basic Device Administration
- Discovery 8: TACACS+ Command Authorization



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VIRTUAL CLASSROOM LIVE

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## Virtual Classroom Live Outline

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Jun 11 - 12, 2026 | 8:30 AM - 4:30 PM EDT

Sep 17 - 18, 2026 | 8:30 AM - 4:30 PM EDT

Nov 5 - 6, 2026 | 8:30 AM - 4:30 PM EST

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