



Identity Services Engine (ISE)

Course Description

The Cisco® Identity Services Engine (ISE) is your one-stop solution to streamline security policy management and reduce operating costs. With ISE, you can see users and devices controlling access across wired, wireless, and VPN connections to the corporate network.

This Firefly Identity Services Engine (ISE) Evaluate Series consists of four 1-hour highly interactive Webex whiteboarding sessions with demos. The Expert-led series runs weekly, delivered by Gustavo Milstein. This series dives deeper into the Cisco ISE architecture and features. As an IT Professional, it is critical that you have a clear understanding of access control technologies, and how they can help you address network security challenges that compel your organization. In the demo labs that are included in this course, you will see how to configure different features (like guest access and profiling), you will understand how to design and build policies, as well as how to safely approach an ISE deployment.

Prerequisites

IT professionals who already possess working knowledge of Network Security networks will gain the most from this course.

Who Should Attend

This course is tailored for end-user network and Security engineers, as well as senior IT personnel who are evaluating the suitability of ISE for their environment.

Learning Objectives

- Understanding ISE policies
- Understanding profiling
- Understanding and configuring guest access
- Understanding how to safely approach an ISE deployment.



Gustavo Milstein
Cisco ISE Expert



Cisco Evaluate Series - ISE

Outline

Session 1: Identity Sources and Policy Sets

In this session, we will discuss what identities are, which identity sources we have available, and how to design and build efficient policy sets.

- What's an identity
- Identity Stores
- Identity Source Sequences
- Understanding Policy Sets
 - Authentication Policies
 - Authorization Policies
 - Profiles

Session 2: Profiling

In this session, we will discuss profiling policies architecture, what probes are, how the profiler works and how to use profiling in Authorization policies.

- Profiling Policies architecture and components
- Probes
- How profiler works
- How CoA works
- How to use profiling in Authorization Policies



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Outline

Session 3: Guest Access

In this session, we will discuss how ISE Guest Access works. We'll cover guest flows, network device configuration and how to deploy some of the most common scenarios.

- Overview
- Understanding Guest Flows
- NAD Configuration for Guest Access
- How to configure some of the most common scenarios

Session 4: How to Safely Deploy ISE

In this session, we will discuss best practices and how to apply a phased approach to your ISE deployment.

- What's a phased approach?
- Preparing ISE for a safe deployment
- Transitioning from Monitor to low-impact, to Closed Mode
- Best practices