



Cisco Identity Services Engine (ISE) Overview

Cisco identity services engine (ISE) provides trusted and secure access everywhere, gives you protection through compliance solution and intent-based policy which enable companies to maintain streamline internal operations and infrastructure security.

About ISE Training

- Knowledge of EAP of default & customized policy, basic configuration and Identity stores with solutions (SISAS)
- Cisco ISE product identity and simplify management across vast applications and devices.

Online - Weekend Classes

- **Study Material:-** Live lectures, Streaming Recorded Videos, Virtual Lab Access, Online Workbook.
- **Duration:-** 1 Month

Requirements

- CCNA security certification
- Basic knowledge and skills of firewall
- Good understanding of Security

Target Audience

Enterprise networks administrators

What You Will Learn

- Installation of Cisco ISE
- How to restore Cisco ISE
- Profiling Cisco ISE
- Detail lecture on AAA protocol
- Detail hands-on training on ISE introduction
- How to Install certificates into ISE
- Implement policy sets to streamline authentication
- Configure AP integration
- Configure profile services in ISE

About Instructor

The instructor is an industrial expert and has more than 5+ years experience in training & of industrial hands-on experience. He has professional knowledge on Cisco routers and switches. He has delivered over 100+ training on Cisco and other vendor products.

Course Content:

- Basics of Cisco ISE
- Cisco ISE Architecture & Deployment
 - Introduction, Initial Setup, and GUI Management
- Cisco ISE Policy
 - 802.1x access
 - Integration on ISE
 - Configuration of basic policy
 - Configure conversion to policy sets
 - Configuration of access policy
- Guest Services & Web Authentication
 - Web Access Introduction
 - Configure Guest Access
 - Configuring Portals for Guest, Sponsors and My Devices
- ISE Profiler
 - Profile Configuration
 - Profile Customization
- ISE BYOD
 - BYOD Configuration
 - Blacklisting the device

- ISE Endpoint Compliance Services
 - Introduction
 - Configuring Client Provisioning and Policies
- ISE with AMP and VPN-Based Services
 - Configuring Cisco ISE for VPN Access
 - Configuring Cisco AMP for ISE
 - Configuring Threat-Centric NAC using Cisco AMP
- ISE Integrated Solutions with APIs
 - Cisco WSA Integration and Configuring Cisco ISE pxGrid
- Network Access Devices
 - Configuring ISE for Basic Device Administration
 - Configuring TACACS+ for Command Authorization

Note: ***Most of the course topics are covered with hands-on lab exercises and others are theoretical

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