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## Cisco ISE

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You will learn how to configure fundamental elements of ISE and how to secure identity-based networks using 802.1X for both wired and wireless clients, using Windows 10 and Cisco IP-Phone endpoints. You will integrate the Cisco Virtual Wireless LAN Controller (vWLC) with advanced ISE features. You will also learn to use the following advanced features of Cisco ISE: Active Directory Integration, Policy Sets, EasyConnect, EAP-FAST with EAP Chaining, Guest Access, Profiler, BYOD, AnyConnect 4.x Posture Module for LAN and VPN compliance, TACACS+ Device Management, pxGrid and TrustSec Security Group Access.

### Topics:

#### Module 1: Introducing Cisco ISE Architecture and Deployment

- Cisco ISE Features and Services
- Cisco ISE Deployment Models

#### Module 2: Cisco ISE Policy Enforcement

- Introducing 802.1X and MAB Access: Wired and Wireless
- Introducing Cisco ISE Identity Management
- Configuring Cisco ISE Certificate Services
- Introducing Cisco ISE Policy Sets
- Configuring Cisco ISE Authentication and Authorization Policy
- Implementing Third-Party Network Access Device Support
- Overview of Cisco TrustSec using Cisco ISE
- Introducing Cisco ISE EasyConnect

#### Module 3: Web Auth and Guest Services



- Introducing Web Access with Cisco ISE
- Introducing Cisco ISE Guest Access Components
- Configuring Guest Access Settings
- Configuring Portals: Sponsors and Guests

#### Module 4: Cisco ISE Profiler

- Introducing Cisco ISE Profiler
- Configuring Cisco ISE Profiling

#### Module 5: Cisco ISE BYOD

- Introducing the Cisco ISE BYOD Process
- Describing BYOD Flow
- Configuring My Devices Portal Settings
- Configuring Certificates in BYOD Scenarios

#### Module 6: Cisco ISE Endpoint Compliance

- Introducing Cisco ISE Endpoint Compliance
- Configuring Client Posture Services and Provisioning in Cisco ISE

#### Module 7: Working with Network Access Devices

- Configuring TACACS+ for Cisco ISE Device Administration