Fast Lane

Cisco Identity-Based Networking Services (IBNS) and 802.1X Deployment for Wired and Wireless (CIBNS802.1X)

ID CIBNS802.1X **Price** on request **Duration** 3 days

Who should attend

- Security architects
- Design engineers
- Network engineers

Prerequisites

To fully benefit from this course, you should have knowledge of these topics:

- Basic Cisco wireless LAN controllers
- Basic command-line configuration of Cisco Catalyst switches

Here are some recommended Cisco learning offerings that can help you meet these prerequisites:

- Implementing and Administering Cisco Solutions (CCNA)

Course Objectives

By completing this class students will be able to:

- Set up and configure Cisco ISE – including certificate enrollment, and RADIUS settings.
- Integrate Cisco ISE with Active Directory – enabling centralized identity management and policy enforcement.
- Implement 802.1X authentication policies for wired and wireless networks using Cisco ISE and network devices.
- Deploy Cisco IBNS 2.0 for enhanced security and automation in access control.
- Enable Guest Access using Cisco ISE's Hotspot Portal for managed guest connectivity.
- Configure MAC Authentication Bypass (MAB) for non-802.1X capable devices.
- Monitor and troubleshoot network access with Cisco ISE's diagnostic tools and session tracing.
- Plan and deploy an IBNS-based network, ensuring certificate-based authentication, policy sets, and secure access control.

- Implement advanced security mechanisms such as TLS and TEAP for wired and wireless authentication.

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Training Centres worldwide

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