

# ISESDA (CONFIGURING CISCO ISE ESSENTIALS FOR SD-ACCESS) 1.0

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## Objetivo

Upon completion of this course, you should be able to:

- Describe Cisco ISE policies and authentication and authorization process;
- Understand different AAA protocols;
- Understand how Cisco ISE fits into Cisco DNA Center architecture;
- Provide configuration examples of Cisco ISE and TrustSec solutions;
- Describe Cisco ISE integration with Cisco DNA Center and policy enforcement using Security Groups;
- Provide configuration examples for wired, wireless, and VPN network access;
- Understand how inline tagging and SGT Exchange Protocol (SXP) works.

## Público Alvo

Network engineers, especially those who work for enterprise organizations using Cisco Digital Network Solutions.

## Pré-Requisitos

To fully benefit from this course, you should have the following knowledge and skills:

- Understanding of network routing and switching principles equivalent to the Cisco CCNA® certification level.

## Carga Horária

16 horas (2 dias).

## Conteúdo Programático

### Course Introduction

Course Outline

Course Goals & Objectives

### Cisco ISE Overview

Exploring the Cisco Identity Services Engine

Examining AAA protocols

Examining Authentication

Integrating ISE with Active Directory

Examining Authorization

Exploring AAA Client Configuration

### Cisco ISE Guest Access

Examining Guest Portal Types

Examining Guest User Types

Configuring Cisco ISE AAA Policy

**Cisco ISE and SD-Access**

Exploring Cisco SD-Access

Examining Cisco ISE for SD-Access

Examining SXP

**Lab outline**

Lab 1: Introduction to ISE and Active Directory (AD) Integration

Lab 2: Configuring ISE AAA Policies

Lab 3: Configuring AAA Clients and Verifying AAA Operations

Lab 4: Configuring Wireless Guest Access (Optional)

Lab 5: Configuring VPN Access