Cisco Intersight Essentials (DCEIS)

Category: Infrastructure & IT Operations | **Vendor:** Cisco

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The Cisco Intersight Essentials training teaches you various aspects of Cisco Unified Computing System (UCS), including hardware, connectivity, and management. You will learn Cisco Intersight characteristics, licensing, and features, along with insights into server profile deployment and prerequisites for installing operating systems from Cisco Intersight.

This training prepares you for configuring, managing, and monitoring your network, computing, and storage assets. You will gain experience using features, such as Cisco Intersight Workload Optimizer (IWO), Cisco Intersight Cloud Orchestrator (ICO), and Cisco Intersight Virtualization Services (IVS). Also, you will become familiar with the Cisco Intersight Application Programming Interface (API) by using HashiCorp Terraform to automate Cisco Intersight configuration. This training also earns you 11 Continuing Education (CE) credits toward recertification.

How You'll Benefit

This training will help you:

- Gain the needed skills to utilize Cisco Intersight
- Learn how to centralize configuration, management, and monitoring of the network, computing, storage, and cloud assets under a single pane of glass
- Boost knowledge for protocols, solutions, and designs to acquire professional-level and expert-level data center roles
- Earn 18 CE credits toward recertification

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Who Should Attend

- Server Administrators
- Network Engineers
- Systems Engineers
- Consulting Systems Engineers
- Network Administrators
- Storage Administrators
- Network Managers
- Sales Engineers
- Technical Solutions Architects

Prerequisites & Entry Requirements

General Prerequisites:

The knowledge and skills you are expected to have before attending this training are:

- General knowledge of Cisco UCS servers
- Server virtualization knowledge

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Describe Cisco UCS hardware, connectivity, and management
- Describe Cisco Intersight characteristics
- Describe Cisco Intersight licensing and its features
- Describe Cisco Intersight server profile deployment
- Describe prerequisites and various options for installing an operating system from Cisco Intersight
- Describe Cisco Intersight Virtual Appliance and how to deploy and configure different deployment modes
- Describe the Cisco UCS X-Series Platform
- Describe Cisco UCS M6 portfolio of products
- Describe firmware management in Intersight for Cisco UCS infrastructure devices
- Describe Cisco UCS Converged Infrastructure
- Describe Cisco Intersight account creation and the most important settings
- Describe Cisco Intersight Managed Mode (IMM)
- Describe Cisco HyperFlex Deployment with Cisco Intersight
- Describe Cisco Intersight IVS features and functionality and describe additional ecosystem services that support virtualization service
- Describe Cisco Intersight IWO, model your environment as a market with buyers and sellers, and discover IWO's monitoring targets, policies, and planning scenarios to set up a configuration plan
- Describe how to use Intersight ICO and Workflow Automation to manage and automate IT operations, create and manage tasks, and design custom workflows using a drag-and-drop interface, resulting in greater efficiency and reduced costs
- Provide a brief description of HashiCorp Terraform
- Describe Cisco Intersight API
- Describe the process of using Cisco Intersight to install vMedia-based operating systems on managed servers in your data center, unattended installations on Cisco UCS C-Series standalone servers, and Cisco Intersight Managed Mode servers
- Describe the usage of the IMM Transition Tool

Detailed Course Outline

- Cisco Unified Computing System Fundamentals
- Cisco Intersight Characteristics
- Cisco Intersight Licensing Options
- Cisco Intersight Server Profile Deployment
- Cisco Intersight Server Operating System Installation
- Cisco Intersight Virtual Appliance
- Cisco Unified Computing System X-Series
- Cisco Unified Computing System B- and C-Series Servers
- Cisco Intersight Platform Firmware Operation
- Cisco Unified Computing System Converged Infrastructure
- Accessing Cisco Intersight
- Cisco Intersight Managed Mode
- Cisco HyperFlex Deployment with Cisco Intersight
- Cisco Intersight Virtual Services
- Cisco Intersight Workload Optimizer
- Cisco Intersight Cloud Orchestration
- Terraform Provider Registry
- Cisco Intersight API
- Deploying VMware ESXi to a Blade Using Cisco Intersight
- Cisco IMM Transition Tool

Skills You Will Learn:

- Describe Cisco UCS hardware, connectivity, and management
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Frequently Asked Questions

Q: What delivery options are available for Cisco Intersight Essentials (DCEIS)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Cisco Intersight Essentials (DCEIS) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Intersight Essentials (DCEIS) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco Intersight Essentials (DCEIS)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Intersight Essentials (DCEIS). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Cisco Intersight Essentials, Cisco Data Center, DCEIS

Q: Why choose Nexus Human for Cisco Intersight Essentials (DCEIS)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco Intersight Essentials (DCEIS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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