



Platinum Learning Partner
Business Learning Partner



Implementing Cisco HyperFlex

DCIHX

Course Overview

The Implementing Cisco HyperFlex (DCIHX) v1.2 course is a 4 -day instructor-led, virtual instructor-led or E-learning training that shows you how to deploy and use the Cisco HyperFlex data platform to support multicloud workloads. You will become familiar with HyperFlex components and learn how to install, design, manage, and troubleshoot Cisco HyperFlex to support highly scalable and resilient multicloud implementations. You will also gain hands-on experience focused on installation, management, maintenance, and native replication, and you will explore cluster technologies as well as Cisco Intersight.

The DCIHX course is part of Cisco Black Belt Academy Aligned Content. It belongs to the stage: Black Belt Hyperflex Deployment/ Support Stage-2.

Prerequisite Knowledge

To fully benefit from this course, you should have an understanding of data centre architecture and products technologies (network, compute, storage network), as well as:

- Familiarity with VMware vCenter and ESXi
- Familiarity with Microsoft Server 2016 and Hyper-V



Real skills for real engineers

Implementing Cisco HyperFlex

Objectives

Upon completing this course, the learner will be able to meet these overall objectives:

- Describe hyperconvergence, Cisco HyperFlex, and the components of Cisco HyperFlex
- Explain the Cisco Unified Computing System (Cisco UCS) and what makes it valuable to business
- Describe how Cisco HyperFlex Data Platform (HXDP) and HX maintenance mode work
- Describe the physical components of Cisco HyperFlex
- Install and expand Regular vSphere Cisco HyperFlex
- Manage your Cisco HyperFlex VMware ESXi-based cluster
- Describe how to maintain Cisco HyperFlex
- Design a Cisco HyperFlex solution and explain third-party data restore solutions
- Protect the data on your Cisco HyperFlex cluster using replication and data at rest encryption
- Describe a stretched cluster and how is it different from a standard cluster
- Describe an Edge cluster and how is it different from a standard cluster
- Describe a HyperV-based cluster and how is it different from an ESXi-based cluster
- Design a multicloud datacenter with Cisco HyperFlex
- Perform basic troubleshooting tasks and explain Cisco Intersight
- Explain Cisco HyperFlex releases beyond 3.5(1a)

