

Implementing Cisco HyperFlex

Course code: DCIHX

The Implementing Cisco HyperFlex course shows you how to deploy and use the Cisco HyperFlex data platform. You will become familiar with HyperFlex components and learn how to install, design, manage, and troubleshoot Cisco HyperFlex. 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.

Required skills

- Cisco CCNA-level knowledge about data center architecture and products technologies (network, compute, storage network)
- Familiarity with VMware vCenter, ESXi, Microsoft Server and Hyper-V

Teaching materials

Participants will receive access to an electronic version of the study materials.

Course outline

After taking this course, you should be able to:

- Describe hyperconvergence, Cisco HyperFlex, and the components of Cisco HyperFlex
- Install and manage your Cisco HyperFlex VMware ESXi-based cluster
- 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
- Perform basic troubleshooting tasks and explain Cisco Intersight

Technical equipment

PC for connecting to virtual hands-on labs.

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