

Cisco CCNP Data Center Certification Prep: Cisco Hyperflex Training

This Cisco training covers how to deploy, manage and maintain Cisco's hyper-converged infrastructure platform, HyperFlex, which increases efficiency in your data center by centralizing management of practically everything. This course helps prepare you for the CCNP Data Center certification by training you thoroughly in Cisco's HyperFlex. After this course, you'll know how to make use of the combination of SDN and data services that HyperFlex puts in your hand.

[CBT Nuggets course material](#) →

WEEK 1

Evaluate HyperFlex Architecture

151 min.

Intro	2
Challenges of Modern Data Centers	12
Evolution of Storage Systems	14
Intro to HyperFlex	12
HyperFlex Node Types	10
HyperFlex Management	5
Review and Quiz	4

Describe HyperFlex Hardware

Overview	1
Intro	1
HyperFlex Nodes and Clusters	7
HyperFlex Hybrid Nodes	12
HyperFlex All-Flash and NVMe Nodes	9
HyperFlex Compute-Only Nodes	8
HyperFlex Edge	7
Review and Quiz	3

Explain the HyperFlex Data Platform

Overview	1
Intro	1
HyperFlex Data Platform	8
HyperFlex Data Resiliency	12
Data Locality	11
Read and Write Operations	9

WEEK 2**154 min.**

Review and Quiz

4

Describe HyperFlex Technology

Overview

1

Intro

1

Self-Encrypting Drives (SEDs)

11

HyperFlex Acceleration Engine

8

Storage Services

11

Cloud Integrations

8

Review and Quiz

5

Design with HyperFlex Technology

Overview

1

Intro

1

Drive Types

13

Independent Scaling

13

Disk Configuration

12

Node Expansion

8

Review and Quiz

3

Design a HyperFlex Solution

Overview

1

Intro

1

The Benefits of HyperFlex

14

HyperFlex Licensing

10

Sizing a HyperFlex System

10

Sizing a HyperFlex Solution Based on Storage Needs

8

HyperFlex Design Tools

7

WEEK 3**7 min.**

Review and Quiz

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