DCIHX
Implementing Cisco HyperFlex

The Implementing Cisco HyperFlex (DCIHX) v1.2 course 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.™

This class will help you use Cisco HyperFlex to

• Enable multicloud IT with an adaptive platform that powers any application anywhere with the simplicity of hyperconverged infrastructure
• Gain hands-on experience using Cisco HyperFlex

After taking this course, you should be able to:

• 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) works
• 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
• 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 a HyperV-based cluster and how is it different from an ESXi-based cluster
• Design a multicloud datacenter with Cisco HyperFlex
• Describe an Edge cluster and how is it different from a standard cluster
• Perform basic troubleshooting tasks and explain Cisco Intersight
• Explain Cisco HyperFlex releases beyond 4.0(1a)

Course Contents
• Introducing Hyperconvergence and Cisco HyperFlex
• Describing Cisco UCS: The Foundation of Cisco HyperFlex
• Describing Cisco HyperFlex Software Components
• Describing Cisco HyperFlex Hardware Components
• Managing Cisco HyperFlex in vSphere Environment
• Maintaining Cisco HyperFlex
• Designing Cisco HyperFlex
• Protecting Your Data
• Introducing Stretched Cluster
• Introducing HyperV-Based Standard Cluster
• Designing Multicloud Data Center with Cisco HyperFlex
• Introducing EDGE Cluster
• Troubleshooting Cisco HyperFlex

Target Group
● Data center engineers
● Cisco integrators and partners

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

• Cisco CCNA®–level knowledge about data center architecture and products technologies (network, compute, storage network)
• Familiarity with VMware vCenter and ESXi
• Familiarity with Microsoft Server 2016 and Hyper-V

Recommended Cisco learning offerings that may help you meet these prerequisites:

• Introducing Cisco Data Center Networking (DCICN) 6.x
• Introducing Cisco Data Center Technologies (DCICT) 6.x
• Implementing Cisco Data Center Unified Computing (DCUCI) 6.x

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This Course in the Web

You can find the up-to-date information and options for ordering under the following link: www.experteach-training.com/go/**DCHX**

Reservation
On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates
To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!
We can precisely customize this course to your project and the corresponding requirements.

Training		Prices, excl. of V.A.T.
Classes in Germany	**4 Days**	**€ 3,995**
Online Training	**4 Days**	**€ 3,995**
Dates upon request		

DCIHX

Data Center

Our Training Offer for You

Classroom Training
The live training experience in our training centers or on your premises on-site.

Online Training
Attend your course in online mode – without travel and accommodation expenses and effort.

Hybrid Training
Classroom & online in one course – choose how you wish to participate in your training event.
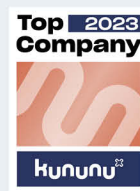
In-house Training
We create your customized training concepts for your project.

Guaranteed Course Dates
ExperTeach guaranteed course dates allow for secure and reliable planning.

Awards Won by ExperTeach