

Automating the Cisco Enterprise Cloud (CLDAUT)

ID CLDAUT Preis 3.190,- € (exkl. MwSt.) Dauer 5 Tage

Zielgruppe

- Cloud and Data Center Administrators
- Cloud Architects and System Engineers
- Cloud, Data Center, and Network Engineers
- Cisco Integrators and Partners

Voraussetzungen

It is recommended, but not required, to have the following skills and knowledge before attending this course:

- [Understanding Cisco Cloud Fundamentals \(CLDFND\)](#) course or equivalent level knowledge or skills
- [Introducing Cisco Cloud Administration \(CLDADM\)](#) course or equivalent level knowledge or skills

Kursziele

The Automating the Cisco Enterprise Cloud (CLDAUT) v1.1 course helps you prepare for the Cisco CCNP Cloud certification and for professional-level cloud operational roles. In this course, you'll learn the skills, technologies, and best practices needed to automate and manage private and hybrid cloud infrastructure for infrastructure as a service (IaaS), including devices, policies, virtual device contexts (VDCs), IaaS tenants, workflows, IaaS catalog, containers, and application provisioning. You'll gain hands-on experience using various Cisco cloud and data center infrastructure technologies such as Cisco ONE Enterprise Cloud Suite, Cisco UCS Director, Cisco Prime® Service Catalog, and Cisco Virtual Application Container Services (VACS). IT practitioners who have Cisco CCNP Cloud training and certification have validated professional-level, hands-on skills in Cisco technologies and industry best practices needed for

in-demand job roles.

Upon course completion, you will be able to:

- Automate and manage Cisco clouds to support business requirements
- Automate and manage the self-service portal of the user
- Automate and manage the Infrastructure as a Service
- Automate and manage a private cloud infrastructure security
- Automate and manage a hybrid cloud infrastructure security
- Automate and manage for virtual network services for private and hybrid clouds
- Automate and manage the VM life-cycle management

Kursinhalt

- Module 1: Manage Private Cloud Infrastructure for IaaS
- Module 2: Manage Private IaaS Catalog with Cisco PSC
- Module 3: Cisco VACS for Provisioning Private IaaS with Network Automation
- Module 4: Application Provisioning and Life-Cycle Management
- Module 5: Management Intercloud Fabric Connectivity for IaaS in Hybrid Cloud

Detaillierter Kursinhalt

- Module 1: Manage Private Cloud Infrastructure for IaaS
 - Lesson 1: Describing Cloud Automation and Management
 - Lesson 2: Describing Cisco ONE Enterprise Cloud Suite and Cloud Management
 - Lesson 3: Managing Devices for a Cloud Tenant Using Cisco UCS Director

- Lesson 4: Managing Infrastructure Policies for IaaS Using Cisco UCS Director
- Lesson 5: Managing VDCs in Cisco UCS Director
- Lesson 6: Managing Workflows in an IaaS Tenant Cloud
- Lesson 7: Managing Self-Service Provisioning in Cisco UCS Director
- Module 2: Manage Private IaaS Catalog with Cisco PSC
 - Lesson 1: Publishing Cisco UCS Director Services in Cisco PSC
 - Lesson 2: Ordering IaaS Services as an End User Using Cisco PSC
- Module 3: Cisco VACS for Provisioning Private IaaS with Network Automation
 - Lesson 1: Identifying Cisco VACS
 - Lesson 2: Defining the Policies for Containers
 - Lesson 3: Creating a Cisco VACS 3-Tier Internal Template Automation
 - Lesson 4: Creating a Cisco VACS 3-Tier External Template Automation
 - Lesson 5: Publishing Discovered Cisco VACS Services in Cisco PSC
- Module 4: Application Provisioning and Life-Cycle Management
 - Lesson 1: Ordering a Virtual Server Using Cisco PSC
 - Lesson 2: Ordering a Physical Server Using Cisco PSC
 - Lesson 3: Ordering a Multi-Tier Application Container Using Cisco PSC
 - Lesson 4: Managing Application Containers
 - Lesson 5: Manage Life Cycles of Cloud Resources
 - Lesson 6: Managing Snapshots
- Module 5: Management Intercloud Fabric Connectivity for IaaS in Hybrid Cloud
 - Lesson 1: Configuring Intercloud Fabric Connectivity
 - Lesson 2: Managing VM Templates to Deploy New Workloads
 - Lesson 3: Managing Intercloud Fabric Infrastructure
 - Lesson 4: Managing Routing Policies for Secure VM Communication in the Hybrid Cloud