

Automating the Cisco Enterprise Cloud (CLDAUT)

Duration 5 Days

COURSE CONTENT

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 completion of this course, you will be able to:

- Describe key architectural elements to support private cloud IaaS using Cisco data center components
- Describe how to manage a private IaaS service offering with Cisco Prime Service Catalog
- Automate network services in a private IaaS cloud
- Describe lifecycle management and application provisioning in the cloud
- Describe how to manage workloads in a hybrid cloud

COURSE OUTLINE

- **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

PREREQUISITES

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

- Cisco CCNA Cloud Fundamentals (CLDFND) course or equivalent level knowledge or skills
- Cisco CCNA Cloud Administration (CLDADM) course or equivalent level knowledge or skills

WHO SHOULD ATTEND

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