Nutanix Hybrid Cloud Fundamentals (NHCF)

ID NHCF **Price** on request **Duration** 2 days

Who should attend

Network and security operations center personnel whwant tlearn Nutanix fundamentals (Prism, AOS, AHV) virtualization and Cloudrelated concepts.

Specific job roles that will benefit from the NHCF course:

- Network Operations Center (NOC) operators
- Security Operations Center (SOC) operators
- Data Center Operations (DCO) Technician
- IT project managers
- IT staff new tNutanix

Anyone seeking the Nutanix Certified Associated (NCA) certification.

Prerequisites

Familiarity with virtualization concepts

Course Objectives

By the end of this course, you will be able to:

- Distinguish between Prism Element and Prism Central within a Nutanix HCI environment
- Explain AOS storage architecture, resiliency factors, and capacity optimization
- Configure storage containers and virtual networking within Prism Central
- Administer the Image Service and use categories to automate infrastructure policies
- Execute VM lifecycle tasks, including creation, customization, and cloning
- Analyze cluster performance via analysis sessions, custom charts, and reports
- Assess system health using Alerts dashboards and Nutanix Cluster Checks (NCC)
- Perform inventory operations and software updates using Life Cycle Manager (LCM)

Course Content

This course is designed for Systems Administrators, Data Center Engineers, and Cloud Architects who are ready to master the next generation of invisible infrastructure. Whether you are a veteran moving away from legacy virtualization or an early-career professional aiming to specialize in Hyperconverged Infrastructure (HCI), this curriculum provides the hands-on expertise needed to manage the Nutanix Cloud Platform with confidence.

A career as a Nutanix Administrator is more than just maintaining servers; it is about driving business agility. By mastering the ability to simplify complex data center operations, you become a strategic asset who reduces operational overhead and eliminates technical silos. In today's market, a Nutanix admin is the orchestrator of the software-defined data center, providing the stability and scalability that allow businesses to focus on application innovation rather than hardware firefighting.

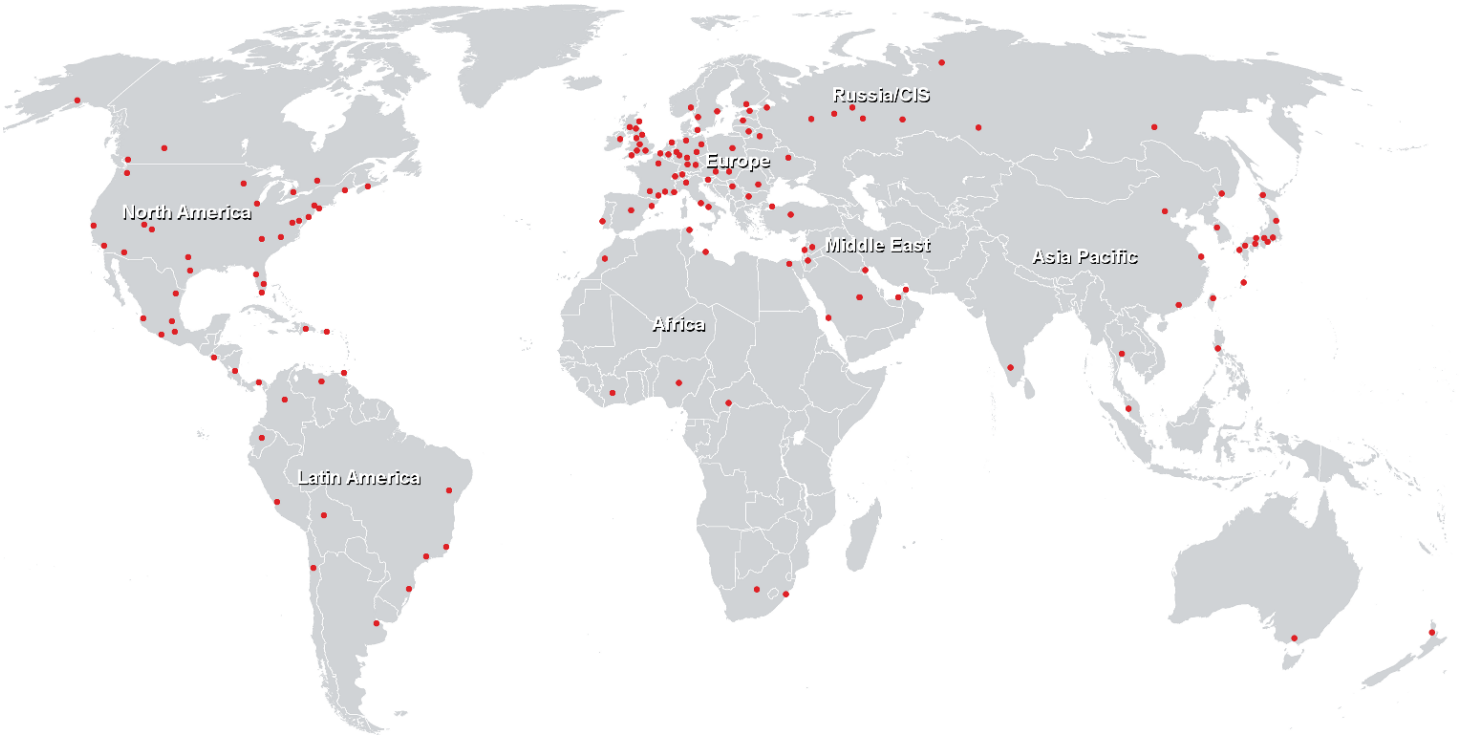
Proficiency in the Nutanix ecosystem prepares you for specialized positions such as HCI Architect, Cloud Infrastructure Lead, Storage Specialist, and Platform Engineer. Furthermore, with Nutanix's increasing focus on AI-ready infrastructure, skilled administrators are now finding opportunities as AI Infrastructure Ops, managing the high-performance clusters required for enterprise-scale machine learning and generative AI applications.

To help you position yourself for success as a Nutanix administrator, this course will equip you with the skills and knowledge needed to:

- Navigate and differentiate between Prism Element and Prism Central
- Describe key hardware and storage concepts
- Configure and validate networking elements in Prism Central
- Perform core image management tasks
- Create and manage virtual machines
- Monitor cluster performance and health
- Perform basic lifecycle management tasks

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Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch