



NUTANIX TRAINING

Nutanix Course Online

Unlock the power of Nutanix. Master HCI deployment and management for robust, scalable private cloud infrastructure.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level Nutanix Course Online, offered by Computer Pride, is meticulously designed for IT professionals aiming to master the leading hyperconverged infrastructure (HCI) platform. You will dive deep into Nutanix's revolutionary architecture, covering its core components like Acropolis Operating System (AOS), AHV hypervisor, and the intuitive Prism management suite. The course emphasizes practical skills required to deploy, manage, scale, and troubleshoot Nutanix environments, equipping you with the expertise to transform traditional data centers into agile, cloud-like infrastructures.

Upon completion, participants will possess a robust understanding of how Nutanix streamlines IT operations, reduces total cost of ownership, and enhances data resilience. This training is crucial for organizations looking to modernize their infrastructure, consolidate disparate systems, and achieve unparalleled operational efficiency. By mastering Nutanix, you'll be instrumental in delivering scalable, high-performance, and highly available solutions that drive business innovation and agility in today's demanding IT landscape.

Level	Intermediate
Vendor	Nutanix

COURSE CURRICULUM

01 Module 1: Introduction to Nutanix Hyperconverged Infrastructure

- Understanding Hyperconverged Infrastructure (HCI) principles
- Nutanix architecture overview: Acropolis, AHV, Prism Element/Central
- Key Nutanix features and benefits: invisible infrastructure, web-scale architecture
- Comparison with traditional infrastructure and other HCI solutions
- Nutanix product portfolio and use cases

02 Module 2: Nutanix Cluster Deployment and Initial Configuration

- Nutanix hardware platforms and software editions
- Planning a Nutanix deployment: network, storage, and host considerations
- Nutanix Block and Node awareness
- Initial cluster setup using Foundation and Prism Element
- Networking configuration: VLANs, bond modes, external switches

03 Module 3: Virtual Machine Management and Data Services

- Creating and managing virtual machines on AHV
- Image management and VM templates
- Nutanix storage architecture: vDisks, storage containers, deduplication, compression
- Understanding Nutanix data protection strategies: snapshots, clones, replication
- Guest OS customization and VM mobility

04 Module 4: Cluster Operations, Health, and Monitoring

- Monitoring cluster health and performance using Prism Element and Prism Central
- Understanding alerts, events, and tasks
- Performing software upgrades (AHV, AOS, firmware)
- Managing user accounts and roles-based access control (RBAC)
- Capacity planning and resource optimization

05 Module 5: Advanced Features and Troubleshooting Fundamentals

- Networking advanced configurations: IPAM, microsegmentation (Flow Network Security)

- Data resiliency and disaster recovery options (Nutanix DR)
- Introduction to Nutanix Calm for application automation
- Basic troubleshooting methodologies for Nutanix clusters
- Collecting diagnostic logs and engaging Nutanix support

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Nutanix HCI Administrator**
- > **Cloud Infrastructure Engineer (with a focus on private/hybrid cloud)**
- > **Senior Virtualization Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites for enrolling in this Nutanix Course Online?

This course is designed for individuals with an intermediate understanding of virtualization concepts (VMware vSphere or Microsoft Hyper-V), basic networking (TCP/IP, VLANs), and general server administration. Familiarity with command-line interfaces (Linux or PowerShell) is beneficial but not strictly required.

Q: How will completing this Nutanix course enhance my capabilities in a hybrid cloud environment?

This course specifically trains you on managing Nutanix's software-defined infrastructure, which is a cornerstone of private cloud deployments. You will learn to leverage Prism Central for unified management across multiple clusters, understand data mobility strategies, and get an introduction to features like Nutanix Calm, which directly translate to building and managing a seamless hybrid cloud experience by extending your on-premises Nutanix environment to public cloud providers.

Q: What kind of hands-on experience can I expect with the Nutanix Prism management console during this training?

This Nutanix Course Online is heavily focused on practical application. You will gain extensive hands-on experience using both Prism Element (for single-cluster management) and Prism Central (for multi-cluster and advanced management). Expect numerous labs covering deployment, VM provisioning, storage configuration, monitoring, upgrades, and troubleshooting directly within the Prism interface to solidify your understanding of the platform's daily operations.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors

have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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