



NUTANIX TRAINING

Nutanix Training Online

Master Nutanix hyperconverged infrastructure. Learn to deploy and manage hybrid cloud solutions effectively.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This "Nutanix Training Online" course offers a deep dive into the world of hyperconverged infrastructure (HCI) with Nutanix, a leading platform transforming enterprise data centers. Participants will gain comprehensive knowledge and hands-on skills in deploying, managing, and optimizing Nutanix environments, including the core components like Acropolis Operating System (AOS), Acropolis Hypervisor (AHV), and the intuitive management interface, Prism Element and Prism Central. The curriculum is designed to empower IT professionals to build scalable, resilient, and highly efficient private cloud solutions, moving beyond traditional siloed infrastructure.

By mastering Nutanix technologies, you will be equipped to modernize data center operations, significantly reduce operational complexity, and enhance overall IT agility. This course directly addresses the growing demand for skilled professionals who can manage virtualized workloads, storage, and networking from a single, unified platform, ultimately driving digital transformation within organizations. You'll learn to leverage Nutanix's software-defined capabilities to deliver a cloud-like experience on-premises, improving service delivery and supporting critical business applications with unparalleled performance and availability.

Level	Intermediate
Vendor	Nutanix

COURSE CURRICULUM

01 Module 1: Introduction to Nutanix & Hyperconverged Infrastructure

- Understanding HCI principles and benefits
- Nutanix Architecture overview (AOS, AHV, Prism)
- Hardware platforms and deployment models
- Nutanix software components and services

02 Module 2: Nutanix Cluster Deployment & Management

- Cluster setup and initial configuration
- Node management and scaling
- Storage pools, containers, and data resiliency
- Networking setup and best practices for AHV

03 Module 3: Virtual Machine Management & Operations on AHV

- Creating and managing VMs on AHV
- Image management and templates
- Live migration and high availability
- Resource management and scheduling on AHV

04 Module 4: Data Protection, Disaster Recovery & Security

- Snapshots, clones, and data efficiency
- Data replication and protection domains
- Setting up disaster recovery with Nutanix (Async/Sync)
- Network security with Flow and microsegmentation
- User authentication and role-based access control (RBAC)

05 Module 5: Monitoring, Troubleshooting & Performance Optimization

- Using Prism Central for multi-cluster management and visibility
- Performance monitoring and analytics with Prism Ops

- Alerts, events, and log management
- Basic troubleshooting techniques for common issues
- Capacity planning and optimization strategies

06 Module 6: Advanced Nutanix Features & Ecosystem Integration

- Automation with Nutanix APIs and PowerShell/Python
- Integrating with public clouds (hybrid cloud concepts)
- Nutanix Calm for application automation and orchestration
- Understanding Nutanix Files and Objects (conceptual overview)
- Nutanix certification pathways and ongoing resources

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Hyperconverged Infrastructure Administrator**
- > **Cloud Infrastructure Engineer (Nutanix Specialist)**
- > **Enterprise Solutions Architect (Nutanix Focus)**

FREQUENTLY ASKED QUESTIONS

Q: What specific technical background is beneficial for participants enrolling in this Nutanix Training Online course?

While this course is designed for intermediate learners, a foundational understanding of server virtualization concepts (e.g., VMware vSphere or Microsoft Hyper-V), storage technologies (SAN/NAS), and basic networking principles is highly recommended. Experience with Linux commands or PowerShell scripting can also be advantageous for advanced topics but is not strictly required.

Q: How will this Nutanix training enhance my ability to design and implement private or hybrid cloud solutions?

This course focuses on leveraging Nutanix's hyperconverged platform to build scalable and agile private clouds. You will learn to manage virtualized resources, implement robust data protection, and secure your infrastructure. Furthermore, understanding Nutanix's APIs and potential integrations with public cloud services will provide you with the essential skills to design and manage seamless hybrid cloud strategies.

Q: Beyond daily administration, what advanced skills will I acquire to optimize performance and troubleshoot complex issues within a Nutanix environment?

This training goes beyond routine tasks by teaching you to utilize Prism Central for comprehensive multi-cluster management, advanced performance analytics, and proactive capacity planning. You'll gain skills in interpreting performance metrics, diagnosing bottlenecks, and implementing optimization strategies. The course also covers advanced troubleshooting methodologies and leveraging Nutanix support resources effectively, preparing you to maintain highly efficient and stable HCI infrastructures.

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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