



NUTANIX TRAINING

Nutanix Certified Master Course

Master Nutanix enterprise cloud architecture. Learn to design, deploy, and manage advanced Nutanix solutions for complex hybrid environments.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

The Nutanix Certified Master Course is an advanced program designed for seasoned IT professionals seeking to elevate their expertise in architecting, deploying, optimizing, and troubleshooting complex Nutanix enterprise cloud environments. This comprehensive course delves deep into the core technologies of Nutanix Acropolis Operating System (AOS), AHV hypervisor, Prism Element and Central, and advanced solutions like Nutanix Flow, Calm, Files, Objects, and Era. Participants will gain a holistic understanding of hyperconverged infrastructure (HCI) beyond basic administration, focusing on enterprise-scale deployments, performance tuning, and robust data protection strategies.

Level	Intermediate
Vendor	Nutanix

COURSE CURRICULUM

01 Module 1: Advanced Nutanix Architecture & Design

- Review of Nutanix Core Components and Architecture
- Scaling Out & Multi-Cluster Design Strategies
- Capacity Planning and Resource Optimization
- Networking Best Practices for Large-Scale Deployments
- Advanced AHV Concepts and Management

02 Module 2: Enterprise Cloud Management & Operations

- Deep Dive into Prism Central Advanced Features
- Monitoring, Alerting, and Reporting with Nutanix Insights
- Performance Analysis and Troubleshooting Methodologies
- Role-Based Access Control (RBAC) and Security Hardening
- Upgrades, Patches, and Lifecycle Management

03 Module 3: Data Protection, Disaster Recovery & Business Continuity

- Advanced Data Protection Strategies with Protection Domains
- Nutanix Disaster Recovery (DR) Orchestration
- Metro Availability Configuration and Best Practices
- Cloud Connect and Hybrid Cloud DR Scenarios
- Backup and Restore Solutions Integration

04 Module 4: Network Security & Automation with Nutanix Flow & Calm

- Nutanix Flow Microsegmentation and Security Policies
- Service Chain Integration with Flow
- Introduction to Nutanix Calm for Application Automation
- Blueprint Creation and Lifecycle Management in Calm
- Integrating Calm with External Services and APIs

05 Module 5: Storage Solutions & Database Management

- Nutanix Files Deployment, Management, and Scaling
- Nutanix Objects for S3-Compatible Storage
- Nutanix Era for Database Provisioning and Management
- Data Tiering and Storage Policy Management
- Advanced Storage Performance Tuning

06 Module 6: Advanced Troubleshooting & Optimization

- Proactive Monitoring and Predictive Analytics
- In-depth Log Analysis and Diagnostics
- Networking Troubleshooting in AHV Environments
- Storage Performance Bottleneck Identification
- Complex Scenario-Based Problem Solving

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Hybrid Cloud Architect (Nutanix Specialist)**
- > **Senior Nutanix Solutions Engineer**
- > **Advanced Virtualization & Cloud Operations Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What level of existing Nutanix experience or certifications is recommended before enrolling in the Nutanix Certified Master Course?

This course is designed for professionals with significant hands-on experience with Nutanix enterprise cloud environments. It is highly recommended that participants hold the Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI) certification, and ideally, the Nutanix Certified Advanced Professional (NCAP) certification, or possess equivalent practical knowledge in deploying and managing Nutanix HCI solutions.

Q: How will the Nutanix Certified Master Course enhance my ability to design and implement robust disaster recovery solutions?

This course dedicates a full module to advanced data protection and disaster recovery strategies. You will gain in-depth knowledge of configuring Metro Availability, orchestrating DR plans across multiple sites, utilizing Cloud Connect for hybrid DR, and integrating third-party backup solutions, empowering you to design highly resilient Nutanix environments that meet stringent RTO/RPO objectives.

Q: What practical skills will I acquire for automating and orchestrating applications within a Nutanix Enterprise Cloud using services like Calm and Flow?

The course provides extensive practical experience with Nutanix Calm for application automation, teaching you to create sophisticated blueprints, manage application lifecycles, and integrate with external services. Furthermore, you will master Nutanix Flow for microsegmentation, enabling you to design and implement granular network security policies that automate threat isolation and enhance overall data center security postures.

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.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke