



NUTANIX TRAINING

Nutanix Advanced Admin Performance V6 5 Course

Master advanced Nutanix administration and optimize AHV performance with version 6.5. Elevate your datacenter management skills.

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 Advanced Admin Performance V6.5 course is meticulously designed for seasoned IT professionals looking to master the intricacies of Nutanix's hyperconverged infrastructure (HCI) with a particular focus on advanced administration and performance optimization. You will delve deep into the Nutanix AOS architecture, learning to fine-tune cluster performance, troubleshoot complex issues, and implement advanced data protection strategies. The curriculum emphasizes practical skills, covering topics like advanced network configuration, storage policies, resource management, and utilizing Prism Central for comprehensive performance monitoring and analysis on the V6.5 platform.

Upon completion, participants will possess the expertise to design, implement, and manage highly efficient and resilient Nutanix environments. This course empowers administrators to maximize the value of their Nutanix investment by ensuring optimal performance, scalability, and availability of critical applications. It's an essential step for anyone aiming to become a subject matter expert in Nutanix HCI, leading to significant career advancement opportunities in cloud infrastructure management and enterprise IT.

Level	Intermediate
Vendor	Nutanix

COURSE CURRICULUM

01 Module 1: Advanced Nutanix Architecture & Scalability

- Deep Dive into AOS and AHV Architecture V6.5
- Understanding Distributed Storage Fabric Internals
- Advanced Networking Concepts and Configuration (Bonding, VLANs, Microsegmentation)
- Scaling Nutanix Clusters and Node Management Best Practices
- Licensing Models and Feature Management

02 Module 2: Performance Monitoring & Optimization

- Utilizing Prism Central for Advanced Performance Analytics
- Identifying and Resolving Performance Bottlenecks in Storage and Compute
- Optimizing VM Performance with Advanced Settings and Policies
- Understanding CVM Resource Allocation and Tuning
- Leveraging Nutanix Flow for Network Performance and Security

03 Module 3: Data Protection and Disaster Recovery Advanced Concepts

- Configuring and Managing Advanced Protection Domains
- Implementing Metro Availability for Continuous Uptime
- Advanced Data Replication and Snapshotting Strategies
- Performing Complex Disaster Recovery Drills and Failovers
- Integrating with Third-Party Backup Solutions

04 Module 4: Security, Hardening & Automation

- Implementing Advanced Security Policies and RBAC
- Cluster Hardening Best Practices and Compliance
- Integrating Nutanix with Directory Services (LDAP, Active Directory)
- Automating Nutanix Operations with APIs and PowerShell/nCLI
- Patching and Upgrades Best Practices on V6.5

Module 5: Troubleshooting Complex Issues

- 05**
- Advanced Log Analysis and Diagnostics with Nutanix Insights
 - Troubleshooting Storage and Network Connectivity Issues
 - Resolving VM Performance Degradation and Application Lags
 - Diagnosing Cluster Health and Component Failures
 - Utilizing Nutanix Support Tools and Procedures

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Senior Nutanix HCI Administrator**
- > **Cloud Infrastructure Architect**
- > **Solutions Engineer (Nutanix Specialist)**

FREQUENTLY ASKED QUESTIONS

Q: What are the recommended prerequisites for enrolling in the Nutanix Advanced Admin Performance V6.5 course?

This advanced course assumes a solid foundational understanding of Nutanix HCI, equivalent to having completed the Nutanix Certified Professional (NCP-MCI) certification or possessing at least 1-2 years of hands-on experience managing Nutanix clusters. Familiarity with virtualization concepts, networking fundamentals, and basic Linux command-line operations is also highly beneficial.

Q: How will this course specifically enhance my ability to troubleshoot and optimize performance in a Nutanix environment?

This course dedicates significant modules to advanced performance monitoring, analytics, and troubleshooting techniques. You will learn to leverage Prism Central's deep insights, identify specific bottlenecks in storage, compute, and networking, and apply precise tuning strategies. You'll gain practical skills in diagnosing and resolving complex performance issues, ensuring your Nutanix infrastructure consistently delivers optimal application responsiveness.

Q: Does this course cover any specific new features or changes introduced in Nutanix AOS 6.5 that are critical for advanced administrators?

Yes, this course is tailored to V6.5, integrating discussions around new features and enhancements relevant to advanced administration and performance. While specific new features can vary, the curriculum incorporates best practices and operational considerations for the 6.5 release across modules, ensuring you're up-to-date with the latest capabilities for managing and optimizing your Nutanix environment effectively.

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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