



NUTANIX TRAINING

Nutanix End User Computing Administration

Learn to administer Nutanix End User Computing environments. Gain skills to deploy, manage, and optimize virtual desktops and applications.

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 End User Computing (EUC) Administration course is meticulously designed to equip IT professionals with the essential skills and knowledge required to effectively deploy, manage, and optimize virtual desktop infrastructure (VDI) and application delivery solutions on the Nutanix hyperconverged platform. Participants will delve into the core components of the Nutanix ecosystem, including AHV, AOS, and Prism Central, learning how these foundational technologies provide a robust and scalable environment for modern EUC needs. The course covers everything from initial cluster setup and virtual machine provisioning to advanced topics like desktop pooling, user profile management, and ensuring high availability for critical EUC services. Through practical, hands-on exercises and real-world scenarios, attendees will gain confidence in handling the complexities of modern VDI deployments, ensuring a seamless and productive experience for end-users.

Level	Intermediate
Vendor	Nutanix

COURSE CURRICULUM

01 Module 1: Introduction to Nutanix EUC and Platform Fundamentals

- Understanding End User Computing (EUC) challenges and Nutanix solutions
- Nutanix Acropolis Operating System (AOS) and AHV basics
- Introduction to Nutanix Prism Central for centralized management
- Nutanix hardware platforms and deployment models
- Networking fundamentals for VDI environments on Nutanix

02 Module 2: Virtual Machine Management and Image Creation

- Creating and managing virtual machines on Nutanix AHV
- Optimizing VM templates for VDI workloads (Windows/Linux)
- Leveraging Nutanix Image Service for efficient golden image management
- Disk configurations and storage best practices for EUC VMs
- Snapshot and clone operations for VDI master images

03 Module 3: Deploying and Managing Nutanix VDI

- Introduction to Nutanix VDI solutions and integration points
- Setting up desktop pools and understanding different VDI types (pooled, persistent)
- Managing user profiles and data with Nutanix Files or third-party solutions
- Automating VDI deployment with Nutanix Calm (optional overview)
- Scaling VDI environments and capacity planning on Nutanix

04 Module 4: Nutanix Frame for Desktop-as-a-Service (DaaS)

- Introduction to Nutanix Frame and its benefits for DaaS
- Deploying and configuring Frame Accounts and Workloads
- Publishing applications and desktops with Frame
- Managing user access, sessions, and policies in Frame
- Integrating Frame with identity providers and existing infrastructure

05 Module 5: Integrating Third-Party EUC Solutions

- Integrating Nutanix AHV with Citrix Virtual Apps and Desktops
- Integrating Nutanix AHV with VMware Horizon
- Best practices for hypervisor and VDI solution compatibility

- Performance tuning for Citrix and Horizon on Nutanix
- Troubleshooting integration challenges

06 Module 6: Monitoring, Troubleshooting, and Best Practices

- Utilizing Nutanix Prism Central for EUC environment monitoring
- Performance analytics and resource optimization for VDI workloads
- Troubleshooting common VDI and application delivery issues
- Implementing security best practices for Nutanix EUC environments
- Disaster recovery and business continuity for Nutanix VDI

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Virtual Desktop Infrastructure (VDI) Administrator specializing in Nutanix deployments**
- > **Cloud Infrastructure Engineer focused on End User Computing solutions within a hybrid cloud environment**
- > **Nutanix Solutions Architect designing and implementing EUC platforms for enterprises**

FREQUENTLY ASKED QUESTIONS

Q: What are the essential prerequisites for enrolling in the Nutanix End User Computing Administration course?

To get the most out of this course, participants should have a foundational understanding of virtualization concepts, basic networking, and experience with Windows Server or Linux operating systems. Prior exposure to Nutanix AHV or hyperconverged infrastructure concepts would be beneficial but is not strictly required, as the course covers core Nutanix fundamentals.

Q: What specific skills will I gain that are directly applicable to optimizing VDI performance and user experience?

This course will equip you with practical skills in optimizing golden images for VDI, efficient desktop pool management, advanced storage configurations for EUC workloads, and leveraging Nutanix features like 'Shadow Clones' and 'Storage Deduplication' to enhance performance and reduce storage footprint. You'll also learn to monitor and troubleshoot performance bottlenecks using Prism Central, directly impacting end-user satisfaction.

Q: How does this course address the challenges of managing user profiles and application delivery in a scalable Nutanix EUC environment?

The course specifically covers strategies for effective user profile management, including integration with solutions like Nutanix Files, FSLogix, or other third-party profile management tools. For application delivery, you'll learn to leverage Nutanix Frame for DaaS, as well as best practices for integrating and optimizing traditional application delivery platforms like Citrix Virtual Apps and Desktops or VMware Horizon on the Nutanix hypervisor, ensuring robust and scalable access to applications.

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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