NUTANIX UNIVERSITY

Training Catalog

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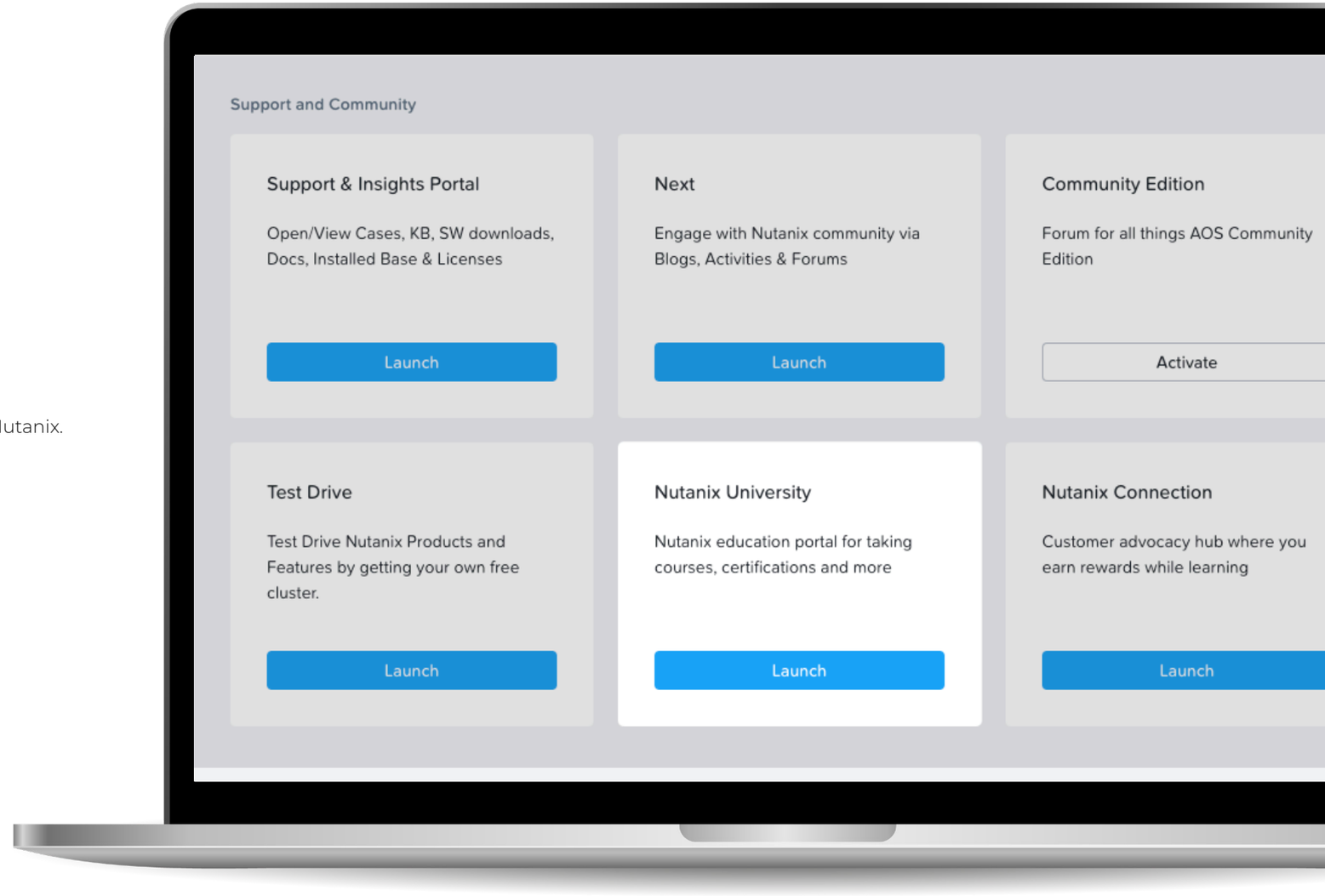
Get the Most Out of Your Nutanix Cloud Platform

Nutanix University is your home for all training and certification programs offered by Nutanix. And if you have a my.nutanix.com account, you already have access!

Simply click on the “Nutanix University” box in the Support and Community section.

If you don’t have an account yet, you can set one up here to get started.



For more information visit nutanix.com/education

Choose How You Want to Learn

Instructor-Led Training

- In-person or virtual training led by a Nutanix expert
- Includes hands-on labs
- Opportunity for live Q&A

Online Training

- Video demonstrations to access at your own pace
- Access for free

Private Training

- In-person or virtual training for your entire team
- Includes hands-on labs
- Save on costs and travel needs

Facilitated Labs

- Hands-on experience in a pre-configured, controlled environment
- Access virtual live lab environment from anywhere
- Ask questions in real-time with a Nutanix expert

For more information visit nutanix.com/education

Nutanix Hybrid Cloud Fundamentals (NHCF)

Course Overview

This course is designed for those who are new to Nutanix and want a feature-focused introduction to AOS Storage, our scale-out storage technology, and Prism, our multicloud management interface.

In Nutanix Hybrid Cloud Fundamentals (NHCF), you'll dive into Nutanix centralized management capabilities, with an emphasis on quickly getting hands-on with the Nutanix platform. This introductory course starts by discussing key Nutanix products and cluster-related concepts.

Using the Prism Central and Prism Element unified control plane, you will learn how to monitor cluster health and performance, manage software versions, create and manage VMs, and perform basic management tasks on hardware, storage, and networks.

In addition to the associate-level NHCF course, Nutanix University also offers a professional-level course — Enterprise Cloud Administration (ECA). ECA covers similar topics to NHCF, providing more in-depth content regarding key administrative tasks (deployment, configuration, migration, reporting, and so on).

Learn More

> "This is the best course for beginners who are going to start working in a Nutanix environment and want to learn more about Nutanix fundamentals."
>
> NHCF Student

Related Certification

Nutanix Certified Associate (NCA)

Ideal Audience

- Network and security operations center personnel who want to learn Nutanix fundamentals (Prism, AOS, AHV) virtualization and cloud-related concepts
- Anyone seeking the NCA certification

Delivery Methods

Instructor-Led

- 2 days
  Public delivery: virtual or in-person
  Private delivery: virtual
- Private classes available
- Includes ~30 hands-on labs
- Comes with a free NCA exam voucher
- Contact us for pricing and training option

Self-Paced Online

- 10 hours
- Video demonstrations of labs
- Free

NCA Exam Prep

Course Overview

This course helps prepare you for the Nutanix Certified Associate (NCA) v6.5 exam. We will refresh the knowledge covered by the Nutanix Hybrid Cloud Fundamentals (NHCF) course by going through all course topics in condensed format, and by running you through a set of practice questions for each module. You will also take a complimentary live NCA exam at the end of class.

Learn More

Related Certification

Nutanix Certified Associate (NCA)

Ideal Audience

Anyone seeking the NCA certification

Delivery Methods

- 2 months access to course materials, beginning with the date you start the course
- Includes NCA exam voucher
- Contact us for pricing and training option

Most popular course

Enterprise Cloud Administration (ECA)

Course Overview

If you already have experience administering a Nutanix environment, this course will extend, deepen, and broaden your knowledge as you grow in your career as a Nutanix administrator.

In Nutanix Enterprise Cloud Administration (ECA), you'll focus on Prism Central. This course provides a comprehensive look at Nutanix centralized management capabilities and allows you to explore the wide variety of features that are available in this web console.

ECA covers four key areas:

- **Core Nutanix Concepts**
  Gain a deep understanding of hyperconverged infrastructure (HCI) and the various Nutanix cloud solution packages. Learn the basics of cluster configuration and the components for creating and managing VMs – namely, networks and images.
- **VM Management**
  Explore how to create and manage VMs, work with Projects, protect VMs and their data, apply storage optimization features at the VM level, and migrate your workloads to a Nutanix environment.
- **Monitoring and Troubleshooting**
  Learn about alerts, events, log collection, reporting, and how to use various features in Prism Central to identify, analyze, and remediate performance issues.
- **Maintenance and Upgrades**
  Learn how to set up a cluster for maintenance activities – such as starting and stopping nodes and clusters – and how to upgrade installed software and firmware with just a few clicks.

Learn More

> "I'm walking away fully understanding so much more and feel more confident on my Nutanix setup."
>
> ECA Student

Related Certification

Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI)

Ideal Audience

- Administrators, engineers, and others who manage Nutanix clusters in the datacenter or
- Managers and technical staff seeking information to drive purchase decisions
- Anyone seeking the NCP-MCI certification

Delivery Methods

Instructor-Led

- 4 days
  Public delivery: virtual or in-person
  Private delivery: virtual or in-person
- Private classes available
- Includes ~70 hands-on labs
- Includes an NCP-MCI exam voucher
- Contact us for pricing and training options

Facilitated Labs

- 1 day of hands-on lab time
- Can be used to supplement your learning with realistic scenarios
- Assumes you have completed either the online or instructor-led course first
- Includes a free NCP-MCI exam voucher
- Contact us for pricing and training options

Self-Paced Online

- 20 hours
- Video demonstrations of labs
- Free

For more information visit nutanix.com/education

NCP-MCI Exam Prep

Course Overview

This course helps prepare you for the Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI) v6.5 exam. This workshop has been designed around the exam blueprint guide and provides a set of practice questions that cover the NCP-MCI exam objectives. You will also have the opportunity to take a complimentary, live NCP-MCI exam at the end of the class.

Learn More

Related Certification

Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI)

Ideal Audience

Anyone seeking the NCP-MCI certification

Delivery Methods

Instructor-Led

- 1 day
- Includes 50+ practice questions
- Includes a complimentary NCP-MCI live exam during class
- Includes a free NCP-MCI exam voucher you can use after class
- Contact us for pricing and training options

Online

- 2 months access to course materials, beginning with the date you start the course
- Includes 50+ practice questions, that you can answer up to 3 times
- Includes a free NCP-MCI exam voucher
- Contact us for pricing and training options

Nutanix Cloud Clusters on AWS Administration (NC2A-AWS)

Course Overview

In the Nutanix Cloud Clusters (NC2) on AWS Administration course, you will explore how you can unify your private and public clouds for a true, hybrid cloud experience.

Starting with an introduction to NC2 and the NC2 console, you will learn key technology concepts and how to work with various entities such as customers, organizations, clusters, and users.

Next, you will explore the cluster deployment process and review the configuration of different Amazon Web Services (AWS) components that must be configured for NC2, such as service quotas, Virtual Private Clouds (VPCs), subnets, gateways, route tables, security groups, and so on.

Note that setting up and configuring AWS resources is beyond the scope of this course. However, you will review and understand key AWS cloud resources that are required for the deployment of NC2.

After you have successfully deployed a cloud cluster, you will learn how to manage it, including creating virtual machines (VMs) and networks, configuring backup and recovery, and implementing Cluster Protect. One key benefit of NC2 is that your cloud cluster looks and feels like an on-premises AHV cluster, so you can expect to quickly ease into administering NC2.

Finally, you will explore several monitoring and maintenance concepts and features, including alerts and events, investigating issues, performing upgrades, and engaging with Nutanix support.

Learn More

Related Certification

Nutanix Certified Professional - Cloud Integration - AWS (NCP-CI-AWS)

Ideal Audience

- IT administrators and similar job roles who want to learn how to deploy, configure, and manage Nutanix Cloud Clusters within a public cloud environment
- Anyone seeking the NCP-CI-AWS certification

Delivery Methods

Instructor-Led Coming Soon

Self-Paced Online

- 16 hours
- Video demonstrations of labs
- Free

Nutanix Cloud Clusters on Azure Administration (NC2A-Azure)

Course Overview

In the Nutanix Cloud Clusters (NC2) on Azure Administration course, you will explore how you can unify your private and public clouds for a true, hybrid cloud experience.

Starting with an introduction to NC2 and the NC2 console, you will learn key technology concepts, and how to work with various entities such as customers, organizations, clusters, and users.

Next, you will explore the cluster deployment process, and review the configuration of different Microsoft Azure components that must be configured for NC2 such as resource providers, app registration, resource groups, VNets, subnets, and so on.

Note that setting up and configuring Azure resources is beyond the scope of this course. However, you will review and understand key Azure cloud resources that are required for the deployment of NC2.

After you have successfully deployed a cloud cluster, you will learn to manage it, including creating virtual machines (VMs) and networks, and configuring backup and recovery. One key benefit of NC2 is that your cloud cluster looks and feels like an on-prem AHV cluster, so you can expect to quickly ease into administering NC2.

Finally, you will explore several monitoring and maintenance concepts and features, including alerts and events, investigating issues, performing upgrades, and engaging with Nutanix support.

Learn More

Related Certification

Nutanix Certified Professional - Cloud Integration - Azure (NCP-CI-Azure)

Ideal Audience

- IT administrators and similar job roles who want to learn how to deploy, configure, and manage Nutanix Cloud Clusters within a public cloud environment
- Anyone seeking the NCP-CI-Azure certification

Delivery Methods

Instructor-Led

- 3 days
  Public delivery: virtual
  Private delivery: virtual
- Private classes available
- Includes 15 hands-on labs
- Comes with a free NCP-CI-Azure exam voucher
- Contact us for pricing and training options

Self-Paced Online

- 16 hours
- Video demonstrations of labs
- Free

Nutanix Multicloud Automation Administration (NMCAA)

Course Overview

This course teaches you the skills needed to install, configure, operate, and manage Nutanix X-Play and NCM Self-Service (formerly Nutanix Calm).

In this course, you will explore a number of subjects including:

- How to perform codeless task automation using X-Play and its actions gallery, plays, and playbooks
- What NCM Self-Service is, how to install and configure it, and how to use the Marketplace to launch blueprints and runbooks
- How to create single- and multi-VM blueprints, and how to publish them to the Marketplace for consumption
- How to manage an application
- How to identify issues with NCM Self-Service and X-Play

Learn More

> “I highly enjoyed the labs. It gave a lot of hands-on experience that furthered my skills with working in Nutanix.”
>
> NMCAA Student

Related Certification

Nutanix Certified Professional - Multicloud Automation (NCP-MCA)

Ideal Audience

- IT administrators who manage Nutanix clusters and want a detailed deep dive into multicloud automation using NCM Self-Service
- Anyone seeking the NCP-MCA certification

Delivery Methods

Instructor-Led

- 2 days

  Public delivery: virtual
  Private delivery: virtual
- Private classes available
- Includes 20 hands-on labs
- Includes an NCP-MCA exam voucher
- Contact us for pricing and training options

Self-Paced Online

- 10 hours
- Video demonstrations of labs
- Free

Nutanix Unified Storage Administration (NUSA)

Course Overview

This course teaches you the administrative skills needed to install, configure, manage, and upgrade three different Nutanix unified storage products:

- **Nutanix Volumes**
  Learn how Nutanix Volumes provides block storage for your virtual machines (VMs) or physical hosts using the iSCSI protocol, with the same simplicity as virtualized workloads, consolidating infrastructure into a single unified platform.
- **Nutanix Files**
  Set up and manage Nutanix Files, a software-defined, scale-out file storage solution that provides Server Message Block (SMB) and Network File System (NFS) file services to clients.
- **Nutanix Objects**
  Learn how easy it is to spin up Nutanix Objects in a few simple steps, and build a simple, secure, and scale-out stack.

Learn More

Related Certification

Nutanix Certified Professional - Unified Storage (NCP-US)

Ideal Audience

- Systems operators evaluating file, block, and object storage using Nutanix Files, Nutanix Volumes, and Nutanix Objects
- IT administrators and business leaders who manage Nutanix clusters and want a detailed deep dive into Nutanix storage administration
- Anyone seeking the NCP-US certification

Delivery Methods

Instructor-Led

- 2 days
  Public delivery: virtual
  Private delivery: virtual
- Private classes available
- Includes 10 hands-on labs
- Includes an NCP-US exam voucher
- Contact us for pricing and training options

Self-Paced Online

- 10 hours
- Video demonstrations of labs
- Free

For more information visit nutanix.com/education

Nutanix Database Management and Automation (NDMA)

Course Overview

This course teaches you the skills needed to install, configure, and operate Nutanix Database Service (NDB, formerly known as Nutanix Era) for the purpose of managing databases.

In this course, you will explore a number of subjects including:

- The what, the how, the why, and the benefits of database-as-a-service (DBaaS)
- Important NDB terms and concepts, like copy data management, time machine, provisioning profiles and data access management
- Implementing role-based access control (RBAC), including working with built-in and custom roles, and managing users and groups
- Adding multiple clusters to NDB, working with Nutanix Guest Tools, and registering a Nutanix cluster with NDB
- Monitoring and investigating issues with NDB, including alert policies, notifications, and log collection
- Operations involved in protecting and restoring databases, including creating snapshots, cloning databases, log catch-up operations, refreshing clones, and restoring source databases

Note: The installation and management of databases themselves is not part of this course.

Learn More

Related Certification

Nutanix Certified Professional - Database Automation (NCP-DB)

Ideal Audience

- Database administrators who manage Nutanix clusters and want a detailed deep dive into database administration using NDB
- Anyone seeking the NCP-DB certification

Delivery Methods

Self-Paced Online

- 10 hours
- Video demonstrations of labs
- Free

Nutanix End User Computing Administration (NEUCA)

Course Overview

This course teaches you the skills needed to install, configure, and manage an End-User Computing (EUC) solution on Nutanix. In this course, you will explore several EUC-focused topics including:

- Considerations when planning an EUC implementation, how to choose between Virtual Desktop Infrastructure (VDI) and Desktop-as-a-Service (DaaS), and the options available when designing your EUC solution.
- Nutanix technologies that support an EUC deployment, including Flow Network Security, which provides increased security for desktops, and Files Storage, an integrated file server solution.
- Configuring and operating EUC environments, including using third-party solutions, working with profile stores, and creating and optimizing gold images.
- Optimizing and troubleshooting an EUC environment, including best practices, viewing utilization metrics, and troubleshooting various common issues.

Learn More

Related Certification

Nutanix Certified Professional - End User Computing (EUC)

Ideal Audience

- IT administrators who want a deep dive into Nutanix EUC administration
- Anyone seeking the NCP-EUC certification

Delivery Methods

Self-Paced Online

- 10 hours
- Video demonstrations of labs
- Free

Advanced Administration and Performance Management (AAPM)

Course Overview

If you are an experienced Nutanix administrator, this course will serve as a deep dive that gives you a rich, nuanced understanding of the Nutanix platform, and will help you get the most out of your Nutanix solutions. AAPM is divided into six major sections, each focused on performance improvements and advanced administration techniques for different aspects of your clusters:

- **Storage**
  Take a deep dive into AOS storage services, different aspects of Acropolis Distributed Storage, storage optimization, and storage best practices for application workloads.
- **Networks**
  Learn how to optimize physical and virtual workloads, as well as how to implement Flow Virtual Networking and Virtual Private Clouds (VPCs).
- **VMs**
  Learn about sizing the CVM and Prism Central VMs, alternate methods of VM provisioning (such as via CLI), how to work with GPUs, and how to improve VM storage and network performance.
- **Security**
  Understand important features such as authentication, RBAC, IAM, and encryption. Learn how to use essential security products, such as Flow Security Central and Flow Network Security.
- **Analyzing Problems**
  Explore ways to monitor and identify health issues, network performance, VM performance, and cluster performance.
- **Business Continuity and Disaster Recovery**
  Learn about Nutanix data backup, web-scale data protection, protection from ransomware, self service restore, and third-party integrations. You will also learn how to use protection domains and Nutanix Leap for disaster recovery.

Learn More

Related Certification

Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI)

Ideal Audience

- IT administrators and architects who manage Nutanix clusters and would like more in-depth knowledge of Nutanix datacenter administration
- Anyone seeking the NCM-MCI certification

Delivery Methods

Instructor-Led

- 4 days
  Public delivery: virtual or in-person
  Private delivery: virtual or in-person
- Private classes available
- Includes ~80 hands-on labs
- Includes an NCM-MCI exam voucher
- Contact us for pricing and training options

Self-Paced Online

- 20 hours
- Video demonstrations of labs
- Free

How to Pay for Training

We offer three ways to pay for training so you can choose which one works best for you.

Nutanix Flex Credits

These credits are applied to your Nutanix account and can be used to pay for training. And the best part is you might already have some available! Check with your purchasing team or Nutanix account manager to find out.

Purchase Order

If you don't have Flex Credits available, you can also use a purchase order. Talk with your Nutanix account manager for more details.

Credit Card

Simply order and checkout using a credit card through Nutanix University.

Reach out to your Nutanix account representative for more information about Nutanix University.

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