Nutanix Hybrid Cloud Fundamentals (NHCF)

NUTANIX UNIVERSITY

GET STARTED TODAY

For class schedules, online learning access, and more information visit nutanix.com/education

AUDIENCE

IT staff and business leaders who want to learn Nutanix fundamentals (AOS & AHV), virtualization and Cloud related concepts, as well as how operators navigate Nutanix cluster systems using the Prism user interface at a high level

SOFTWARE VERSIONS

- AOS 5.20

DESCRIPTION

The *Nutanix Hybrid Cloud Fundamentals* course introduces you to the products, capabilities, and technologies that serve as the foundation of the Nutanix Hybrid Cloud solution.

During the first part of this course, we familiarize you with virtualization and Cloud terminology in general, followed by Nutanix-specific concepts related to the Nutanix clusters including storage implementation and management interfaces.

The second part of this course introduces you to high-level administrative tasks typically performed on Nutanix clusters. They include the creation and management of virtual machines, cluster dashboards, and data recovery.

COURSE OUTLINE

1: Introduction

- Introduction to Virtualization
- Traditional Multi-tier Architecture
- Hyperconverged Infrastructure (HCI)
- Introduction to Cloud Computing

2: Understanding the Nutanix Cloud Platform

- Introduction to Nutanix
- Understanding the Nutanix Cloud Platform
- Nutanix Licensing

NUTANIX

COURSE DETAILS

Delivery Methods:

Instructor-Led

- 2 Days, virtually through web conferencing
- Private classes available
- Includes hands-on labs
- Comes with a free NCA exam voucher
- List price: $1,595

Self-Paced Online

- 6 hours
- Demonstrations and interactive simulations of labs
- Free

Facilitated Labs

- 1 day of hands-on labs time
- Can be used to supplement your learning with realistic scenarios
- Assumes you have completed either the online or instructor-led course first
- Includes an NCA exam voucher
- List Price: $800

3: Understanding Cluster Management Concepts

- Introduction to Nodes, Blocks, and Clusters
- Understanding the Nutanix Cluster
- Prism Element and Prism Central
- Understanding the Image Repository
- Performing Upgrades

4: Understanding Storage Concepts

- AOS Distributed Storage
- The Storage Dashboard
- Identifying Storage Components
- Redundancy Factor and Replication Factor
- Space-Saving Technologies

5: Managing VMs

- Creating and Managing VMs
- The VM Dashboard
- Adding a VM to a Category
- Nutanix Guest Tools
- Understanding Live Migration and Data Locality

6: Monitoring VMs and Cluster Health

- Self-healing Architecture
- Health Dashboard
- Analysis Dashboard
- Alerts Dashboard
- Using the Support Portal and Insights

7: Understanding Data Protection Concepts

- Data Recovery
- Enabling Data Protection on a VM
- Understanding Retention Policies
- Self Service Restore (SSR)
- Introduction to Nutanix Leap and Nutanix Mine

RELATED CERTIFICATON

Nutanix Certified Associate (NCA)

NCA certification holders have demonstrated that they have the skills and abilities navigating a Nutanix AOS cluster as well as managing and operating Nutanix core offerings. They ideally have 6-12 months of IT experience and can assist in operating and managing a Nutanix Enterprise Cloud.

Please note: The course material is intended to cover 70-80% of the knowledge on the NCA exam, with the rest of your exam prep coming from independent study and/or experience.

TERMS AND CONDITIONS

- Customer must purchase training seats in advance of scheduling course dates.
- Customer may not cancel purchased training seats and all amounts paid are non-refundable.
- Customer may reschedule courses with no less than 15 business days written notice to Nutanix. Rescheduling fees may apply.
- Customer may substitute a student with no less than 5 business days written notice to Nutanix. Rescheduling fees do not apply to substitutions.
- Training seats must be consumed within 6 months of purchase. Failure to utilize the training seats within the 6 months of purchase shall result in forfeiture of all fees paid for such seats. Extensions may be available on a case by case basis.
- Most of our Authorized Training Partners (ATPs) have a 10-business-day cancellation and/or reschedule policy. If customer cancels or reschedules within those 10 business days, fees may apply up to the full price of the seat.
- Nutanix reserves the right to cancel any scheduled course due to minimum enrollment not being achieved, instructor illness, or other events outside of its control.
- Cancellation notices will be sent to enrolled students by email with rescheduling information and alternative training options.

NUTANIX™
YOUR ENTERPRISE CLOUD

T. 855.NUTANIX (855.688.2649) | F. 408.916.4039

university@nutanix.com | www.nutanix.com/education | @nutanixedu