

# NHCF: Nutanix Hybrid Cloud Fundamentals (v5.x) Training

*COURSE CONTENT*

## GET IN TOUCH



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## About Multisoft

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Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

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The Nutanix Hybrid Cloud Fundamentals (v5.x) training by Multisoft Systems is designed to provide participants with a comprehensive understanding of Nutanix's cutting-edge hybrid cloud technology. This course equips learners with the foundational knowledge and practical skills required to deploy, configure, and manage Nutanix environments seamlessly.

## Module 1: Introduction

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

## Module 2: Understanding the Nutanix Cloud Platform

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

## Module 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

## Module 4: Understanding Storage Concepts

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

## Module 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

## **Module 6: Monitoring VMs and Cluster Health**

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

## **Module 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