

Nutanix Multicloud Infrastructure Design (NMCID)



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For class schedules and more information visit nutanix.com/university.

AUDIENCE

- Experienced and expert technologists, pre-sales engineers, post-sales consultants, and solution architects who support the adoption of private and hybrid cloud in the enterprise
- Anyone preparing for a Nutanix Certified Expert (NCX) or Nutanix Platform Expert (NPX) certification exam

DESCRIPTION

The Nutanix Multicloud Infrastructure Design (NMCID) course is designed to provide you with a technical deep dive into Nutanix design methodology, which is based on the Nutanix Hybrid Cloud Reference Architecture. These skills have been used to consistently deliver business-critical solutions to the most demanding customers- from SMB to the G2000.

This three-day course will prepare you to engage with enterprise customers and design Nutanix Enterprise Cloud solutions that deliver real business value. The course is led by a team of Nutanix certified instructors and is focused on Nutanix's methodology for designing multi-hypervisor solutions capable of supporting enterprise-class applications according to clearly defined service level agreements.

A key component of this course is the Nutanix Validated Design (NVD). NVD's use robust validation to simplify the process of architecting and deploying solutions. They detail the design decisions that support the deployment of scalable, resilient, and secure solutions. An NVD is an example of a Nutanix supported design configuration. Nutanix provides NVDs for hybrid cloud, unified storage, database deployment, end user computing, and more. While an NVD can be used as the starting point for a Nutanix design, actual designs are based off specific business requirements. This course will teach you how to use an NVD, in conjunction with validated business requirements, to design a solution that deviates from the base NVD while still following Nutanix best practices.

You will be asked to divide into teams and engage in a multi-day, interactive role-play exercise to extract the business requirements, technical requirements, risks, and constraints that will shape your solutions. Participation requires daily design presentations from each team and participation in Q&A sessions with instructors and peers. You will be required to defend your team's design decisions at each stage of the exercise.

This is an intense and immersive learning experience that will change how you approach solution design and delivery. If your goal is to become a G2000-ready solution architect, this is where your journey begins.

COURSE DETAILS

Duration: 3 days

Delivery Methods:

- Instructor-led, in-person

PRE-REQUISITES

- Nutanix Certified Professional (NCP) certification
- Considerable IT industry experience is required to get the most from this learning event
- Documented and demonstrated ability to deliver enterprise-scale IT solutions.

COURSE OUTLINE

During this course, you will develop G2000-class solution design and delivery skills by:

- Gathering/classifying customer business requirements
- Identifying constraints, risks, and assumptions
- Mapping desired business outcomes to technical solutions
- Considering and presenting options/alternatives
- Making business-driven design decisions
- Assessing organizational readiness for HCI adoption
- Creating enterprise-grade documentation
- Presenting solutions to technically-savvy business stakeholders

Deep dives will include:

- Planning for successful migrations
- Supporting multiple hypervisors
- Infrastructure and hardware and resource sizing
- Designing for resiliency and high availability
- Network design for HCI
- HCI storage configuration options
- Supporting security requirements
- Integrating disaster recovery solutions
- Business-critical applications: Exchange, SQL, Oracle, Splunk, SAP
- Virtual desktop solutions

RELATED CERTIFICATIONS

[Nutanix Certified Expert - Multicloud Infrastructure \(NCX-MCI\)](#)

The Nutanix Certified Expert - Multicloud Infrastructure (NCX-MCI) certification tests your ability to design enterprise-scale solutions that support business-critical applications with service level agreements specified by business stakeholders.

[Nutanix Platform Expert \(NPX\)](#)

The highest level of certification Nutanix offers - recognizes your ability to architect, validate, and deliver G2000-class multicloud solutions.

TERMS AND CONDITIONS

- 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.