

Nutanix Multicloud Automation Administration

Duration: 2 Days **Course Code: NMCAA**

Overview:

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

NB: An exam voucher is included with this training.

Updated on 21/05/2026

Target Audience:

- IT administrators who manage Nutanix clusters and want a detailed deep dive into multicloud automation using Nutanix Calm
 - Anyone pursuing the Nutanix Certified Professional - Multicloud Automation (NCP-MCA) certification
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Objectives:

- 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 Nutanix Calm 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 Nutanix Calm and X-Play
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Prerequisites:

This advanced course requires you to possess a basic Nutanix system administration skill set which includes:

- Familiarity with traditional virtualization storage architectures
 - Hands-on experience with the Prism and Command-line interfaces
 - An understanding of Nutanix core concepts and definitions.
- These skills can be acquired by attending one of our basic admin courses (Enterprise Cloud Administration), or through on-the-job experience working on a Nutanix system for at least 6 months.

Testing and Certification

Nutanix will share an exam voucher after the course, validity 6 months.

Nutanix Certified Professional - Multicloud Automation (NCP-MCA)

Content:

1: IT Operations Automation Using X-Play

- IT automation with Nutanix
- Task automation using X-Play

Hands-on Labs

- Prism Element and Prism Central Setup
- Creating a Manually Triggered Playbook
- Creating an Alert Triggered Playbook
- Enabling Calm
- Creating a Calm Project
- Import a Problem Blueprint
- Troubleshoot a Problem Blueprint

2: Application Automation Using Nutanix Calm

- Introduction to Nutanix Calm
- Nutanix Calm Deployment Models
- Installing and Configuring Nutanix Calm
- Working with the Calm Marketplace
- Nutanix Calm Plug-ins

Hands-on Labs

- Prism Element and Prism Central Setup
- Creating a Manually Triggered Playbook
- Creating an Alert Triggered Playbook
- Enabling Calm
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- Import a Problem Blueprint
- Troubleshoot a Problem Blueprint

3: Working with Blueprints and Runbooks

- Introduction to Calm Blueprints
- Creating a Single-VM Blueprint
- Creating a Multi-VM Blueprint
- Publishing and Launching a Blueprint
- Using the Marketplace Manager
- Managing Applications
- Working with Endpoints and Runbooks

Hands-on Labs: Single VM Blueprints

- Creating a Single VM Blueprint
- Downloading and Launching a Blueprint
- Publishing a Single VM Blueprint to the Marketplace
- Launching a Blueprint from the Marketplace
- Unpublishing and Deleting a Blueprint
- Importing a Blueprint

Hands-on Labs: Multi VM Blueprints and Runbooks

- Creating a Multi-VM Blueprint
- Creating Services
- Adding Dependencies
- Configuring Day 2 Operations
- Launching the Full LAMP Stack
- Configuring Endpoints
- Configuring and Executing a Runbook

4: Advanced Calm Actions and Blueprint Management

- Macros
- Scripts
- The Library
- Categories

5: Identifying Issues with Calm and X-Play

- Identifying Causes of Deployment Failure
- Validating Playbook Configurations
- Log Collection

Hands-on Labs

- Prism Element and Prism Central Setup
- Creating a Manually Triggered Playbook
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Additional Information:

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.

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

training@globalknowledge.qa

www.globalknowledge.com/en-qa/

Global Knowledge, Qatar Financial Center, Burj Doha, Level 21, P.O.Box 27110, West Bay, Doha, Qatar