

# NUTANIX MULTICLOUD AUTOMATION ADMINISTRATION (NMCAA)

Course Code: 846003

NTX-NMCAA - Get the skills needed to install, configure, operate, and manage Nutanix X-Play and Nutanix Calm (renamed to Nutanix Cloud Manager (NCM) Self-Service)

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.

You will also learn what Nutanix Calm is, how to create single- and multi-VM blueprints, and how to publish them to the Marketplace for consumption.

Finally, you will learn how to manage an application and to identify issues with Nutanix Calm and X-Play

*Product Versions Covered: AOS 6.5 - Prism Central 2022.6 - Calm 3.6.0  
Updated March 2026*

## What You'll Learn

After this course participants should be able to:

- Perform codeless task automation using X-Play and its actions gallery, plays, and playbooks
- Install and configure Nutanix Calm,
- Use the Marketplace to launch blueprints and runbooks
- Create single- and multi-VM blueprints,
- Publish VM blueprints to the Marketplace for consumption
- Manage an application
- Identify issues with Nutanix Calm and X-Play

## Who Needs to Attend

- 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

## 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, which can be found [here](#)

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.

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VIRTUAL CLASSROOM LIVE

\$2,650 USD

2 Day

## Virtual Classroom Live Outline

### Module 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

### Module 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
  - ☒ Enabling Calm
  - ☒ Creating a Calm Project

### Module 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

#### **Module 4: Advanced Calm Actions and Blueprint Management**

- Macros
- Scripts
- The Library
- Categories

#### **Module 5: Identifying Issues with Calm and X-Play**

- Identifying Causes of Deployment Failure
- Validating Playbook Configurations
- Log Collection
- Hands-on Labs
  - ☒ Import a Problem Blueprint
  - ☒ Troubleshoot a Problem Blueprint

#### Virtual Classroom Live Labs

- Labs are provided by Layer8 Training for this course

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

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