

## NMCAA: Nutanix Multicloud Automation Administration

Course Code: NMCAA

Duration: 2 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

### OVERVIEW

This course teaches you the skills needed to install, configure, operate, and manage Nutanix X-Play and Nutanix Calm.

### SKILLS COVERED

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 and how to identify issues with Nutanix Calm and X-Play

### WHO SHOULD ATTEND?

- IT administrators who manage Nutanix clusters in the data center 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

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.

### MODULES

#### Module 1: IT Operations Automation Using X-Play

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

#### Module 2: Application Automation Using Nutanix Calm

- Introduction to Nutanix Calm
- Installing Nutanix Calm
- Configuring Nutanix Calm
- Marketplace Usage
- Nutanix Calm Plug-ins

#### 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
- Working with Endpoints and Runbooks

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

- Managing an Application
- Advanced Calm Actions
  - o Macros
  - o Categories
  - o Advanced Application Actions

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

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

**END OF PAGE**