

Automation Design

Product Code: CNS-CAS-A-WRK-ADS

At-a-Glance

Stage: Design

With the Nutanix Automation Design, Nutanix Automation experts collaborate with customer engineers, architects, and developers to design custom automation solutions using Nutanix Cloud Manager (NCM) or other automation solutions such as Terraform or Ansible. This offer is ideal for the Design stage of a hybrid multicloud journey.

Related Services

- Automation Development Sprint Service

Service Scope

A highly skilled architect with extensive automation domain expertise and experience provides automation design services that lay the foundation for 2-week incremental agile sprints via the separate Automation Development Sprint Service. The Automation Design requires collaboration with key customer stakeholders from automation, application, architecture, infrastructure, operations, security, and virtualization teams. After the Design, the architect creates a Nutanix Design Document, blueprint/automation workflows, and initial sprint backlog.

The service includes the following activities:

- Conduct Discovery
- Define and document use cases, services, target minimum viable product (MVP), team roles, and operating model
- Document end user consumption model(s)
- Document infrastructure / endpoint integration
- Document blueprint / automation workflows
- Create initial backlog
- Plan initial sprint

Project Management

Nutanix Project Management (PM) oversees Nutanix resources and aligns execution with your goals, scope, and timelines.

Core project management activities may include the following:

- Serve as a single point of contact for all project communication
- End-to-end Nutanix resource management
- Coordinate change window(s) and implementation schedules with customer
- Track and facilitate readiness and prerequisite completion
- Conduct project kickoff/technical readiness meeting(s)

- Integrate customer resources into the high-level project timeline
- Send status update(s)
- Manage timeline(s)
- Deliver created artifacts to the customer
- Facilitate project closeout activities

Limitations

- For each quantity purchased, design is limited to a single day of design. A minimum of 5 consecutive days is required.

Note: If additional days are needed, purchase in one-day increments that must be delivered consecutively.

- A Nutanix Professional Services Automation Architect is required to define the scope of the engagement
- Engagement includes a single Nutanix architect working with the customer's team.

Supported Automation Tools

- Nutanix Cloud Manager (NCM) Self-Service
- Terraform
- Ansible

Supported Target Provider Accounts

Provider accounts are cloud services, bare-metal, or existing machines used to deploy, monitor, and govern applications.

- Nutanix AHV
- VMware ESXi
- Amazon AWS
- Microsoft Azure
- Google Cloud Platform
- Kubernetes Platforms

Project Management

- Excludes scheduling customer resources and activities
- Excludes detailed project plan (schedule) development and management
- Excludes responsibility for creating, managing, or delivering change management communications

Prerequisites

- None

Required Product Licenses

- None

Delivered Artifacts

Artifact	Description
Initial Sprint Backlog	Provides a prioritized list of user stories and tasks identified during the design session that represent the first phase of automation development. It captures functional requirements, dependencies, acceptance criteria, and effort estimates needed to begin sprint planning and execution.
Design Document	Provides detailed technical architecture and functional specification for the automation solution. It translates design session insights into a formal design that outlines how workflows will operate, integrate, and interact within the broader environment.
Blueprint / Automation Workflows	Provides a visual representation of the end-to-end automation processes, illustrating how tasks flow across systems, decision points, and actions. These diagrams guide development and help stakeholders visualize the intended automation.

Level of Effort

Minimum of 5 days, with 1 day increment

Delivery Type

Delivery Type	Delivery Activities
In-person	<ul style="list-style-type: none">• In-person design session• Virtual documentation• Virtual project management <p>Note: Any in-person project management activities provided solely at Nutanix's discretion</p>

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Cloud Clusters (NC2)
- Nutanix Cloud Manager (NCM)

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