

Automation Development Sprint Service

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

At-a-Glance

Stage: Automate

With Nutanix's Automation Development Sprint Service, Nutanix Automation experts collaborate with customer engineers, architects, and developers to create custom automation solutions utilizing Nutanix Cloud Manager or other automation solutions such as Terraform or Ansible. This offer is ideal for the Automate stage of a hybrid multicloud journey.

Related Services

- Automation Development Design Workshop
- NCM Self-Service Design Workshop

Service Scope

Highly skilled architects and consultants with solid automation domain expertise and rich experience provide automation development services in incremental 2-week agile sprints.

Each sprint's goals are established during a sprint planning session, followed by the sprint itself, where the development team focuses on working towards those goals for the remainder of the sprint. After the sprint, a sprint closeout is conducted to review what's been completed and to identify recommended next steps.

This service is offered in 3 editions to maximize productivity, depending on project size and complexity and the ability to perform parallel code development.

Starter Edition

The Starter Service is suited for a proof of concept, smaller projects, or augmenting established automation development teams already part of internal development sprints.

The Starter Edition focuses on code development and enhancements following the existing design documentation. The work is performed by a single Nutanix architect working with the customer's team.

Pro Edition

The Pro Service is suited for more extensive production projects or customers requiring deeper integration with their application, development, and engineering teams.

The Pro Edition provides an additional consultant that can accelerate development work. This larger team can provide technical oversight and general architectural guidance for the automation project.

Ultimate Edition

The Ultimate Service is suited for those benefitting from a comprehensive development team to accelerate code creation velocity while adhering to industry best practices. This service is especially valuable for customers who would like to enhance the capabilities of their infrastructure automation and development teams.

The Ultimate Edition provides an entire group of experienced architects and consultants collaborating to create automation development practices to deliver custom Infrastructure as a Service (IaaS) and

Infrastructure as Code (IaC) solutions. The team provides high-level oversight from an architectural perspective and low-level, detail-oriented development work.

Limitations

- Quantity of sprints limited to the quantity specified at the time of purchase

Starter Edition

- Engagement includes a single Nutanix architect

Pro Edition

- Engagement includes a single Nutanix architect and 1 experienced consultant

Ultimate Edition

- Engagement includes a single Nutanix architect and 2 experienced consultants

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 GCP
- Kubernetes Platforms

Prerequisites

- Remote access to a preferred development environment, such as a virtual desktop or VPN

Note: Zoom, WebEx, and Microsoft Teams are not recommended

Nutanix Cloud Manager (NCM) Self-Service Automation Solution (On-premises Only)

- Fully supported and functional on-premises NCI cluster or Nutanix Cloud Cluster (NC2) cluster that meets all product requirements for Prism Central and NCM Self-Service

Note: For information on the requirements for deploying NCM Self-Service, see Calm Prerequisites and Deployment in *Calm Administration and Operations Guide* on the Nutanix Support Portal.

- Fully supported and functional on-premises Prism Central instance

Note: For information on the requirements for configuring NCM Intelligent Operations, see *Prism Central Installation or Upgrade in Prism Central Infrastructure Guide* on the Nutanix Support Portal.

Required Product Licenses

NCM Self-Service Automation Solutions

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Cloud Manager (NCM) Pro, Ultimate or SaaS
- Hypervisor licenses for NCI

Other Automation Solutions (Terraform and Ansible)

- Nutanix Cloud Infrastructure (NCI)
- Hypervisor licenses for NCI
- Public Cloud Platform subscriptions as needed

Delivered Artifacts

- Solution Document for Sprint Output (Code, Blueprints, etc.)
- Updated Automation Solution Document at the End of a Sprint series

Duration

Starter Edition

Resource	Hours	Description
Architect	80 (40 hours per week, 2 weeks)	Sprint Planning · Daily Scrums/Updates · Design Validation · Code Enhancements and Development · Weekly Update Calls · Sprint Close Out

Pro Edition

Resource	Hours	Description
Architect	80 (40 hours per week, 2 weeks)	Sprint Planning · Technical Oversight · Daily Scrums/Updates · Design Validation · Code Enhancements and Development · Weekly Update Calls · Sprint Close Out
Sr Consultant	80 (40 hours per week, 2 weeks)	Daily Scrums/Updates · Code Enhancements and Development · Weekly Update Calls · Sprint Close Out

Ultimate Edition

Resource	Hours	Description
Architect	80 (40 hours per week, 2 weeks)	Sprint Planning · Technical Oversight · Daily Scrums/Updates · Design Validation · Code Enhancements and Development · Weekly Update Calls · Sprint Close Out
Sr Consultant 1	80 (40 hours per week, 2 weeks)	Daily Scrums/Updates · Code Enhancements and Development · Weekly Update Calls · Sprint Close Out
Sr Consultant 2	80 (40 hours per week, 2 weeks)	Daily Scrums/Updates · Code Enhancements and Development · Weekly Update Calls · Sprint Close Out

Related Products

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

Terms and Conditions

This document contains the entire scope of the service offer. Anything not explicitly included above is out of scope. This service offer is subject to the Nutanix Services General Terms and Conditions that can be viewed at <https://www.nutanix.com/support-services/consulting-services/terms-and-conditions>

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