Cloud & IT Automation

Calm Design Workshop

BENEFITS

- Prepare for and plan your application automation solution with knowledgeable recommendations from experienced Xperts

- Mitigate risk and accelerate time to value by leveraging our experienced consultants

- Take advantage of comprehensive project documentation and a robust knowledge transfer session

OVERVIEW

The Calm Design Workshop focuses on collaborating with customers to assess and design app-centric infrastructure automation and lifecycle management (LCM) platforms to streamline and accelerate application development. If you've never run your infrastructure as code, we can make sure you are ready and start you on the path to success.

SERVICE SCOPE

Develop the requirements, design and build a cloud automation solution based on Nutanix Calm. This service has 3 different sizes and scopes depending on your needs:

Starter Service:
For customers who want a basic on-prem private cloud Infrastructure as a Service (IaaS). The solution accelerates time to value when adopting Nutanix as your automation platform and allows you to design for separate development and production environments.

Design Includes:
- Design of Nutanix Calm architecture for one development and one production deployment environment
- Design for Calm management infrastructure service version release testing
- Provide overview of Agile development lifecycle, code repositories and release management processes for infrastructure automation projects
- Define integration with AD/LDAP, IPAM/DNS and backup environments
- Assess network configuration impacts and requirements
- Develop blueprint specification documents defining the automation of one Linux and one Windows operating system (OS) deployment
- Design a self-service portal based on Calm Marketplace
- Define RBAC via Calm project membership with show-back functionality leveraging Beam

Pro Service:
For customers who want to design for more robust IaaS web, application and database server blueprints and who have the ability to provision to a supported public cloud provider (AWS, Azure or GCP).

PREREQUISITES

- Existing and functional Nutanix platform running latest versions of AOS and AHV or ESXi

The solution provides a design for environments to support development, test, staging and production releases. The design service also covers Beam Public Cloud cost governance requirements and additional integrations with REST API load balancers (e.g., F5, Nginx, HAProxy).

Design Includes:

- Starter service
- Support for one additional test environment
- Nutanix Calm architecture for a public cloud provider
- Nutanix Beam architecture for private and public cloud providers
- Definition of integration with software-defined load balancers
- Development of specification documents defining the automation of one 3-tier application stack for web app deployments (LAMP or WISA)

Ultimate Service:

For customers who want to leverage Nutanix Karbon to quickly get started with Kubernetes container orchestration in your environment leveraging Nutanix Calm automation in your CI/CD pipelines.

Includes:

- Starter and Pro services
- Support for one additional QA/staging environment
- Nutanix Karbon architecture
- CI/CD pipeline architecture
- Development of specification documents defining the automation and integration of up to 5 CI/CD pipeline APIs, such as GitHub, Fisheye/Crucible, Zephyr, Bitbucket, Artifactory, Jira, Confluence and Jenkins(X).

DELIVERABLES

- Project schedule
- Project status reports
  - o   Dependent on the level of service (e.g., Calm, Beam, Karbon)
- Nutanix architecture requirements and design workshops
- Nutanix architecture requirements and design documents
- Application automation specification documents
- Project close out

OPTIONAL ADD-ON SCOPE

- Center of Excellence (CoE) Development Workshop
- Nutanix Flow Micro-segmentation integration
- ServiceNow integration for service request management

NUTANIX™

TASK

	Starter	Pro	Ultimate
Nutanix Enablement Workshop	Up to 1 day	Up to 2 days	Up to 2 days
Nutanix requirements gathering workshop	✓	✓	✓
Agile development process overview	✓	✓	✓
Environmental assessment and sizing workshops	✓	✓	✓
Calm blueprint code promotion stage design	1 Dev / 1 Prod	Up to 1 Dev/Test 1 QA/Stage 1 Prod	Up to 1 Dev/Test 1 QA/Stage 1 Prod
Design for number of workload clusters	Up to 2 Dev 3 Prod	Up to 2 Dev 2 QA/Stage 3 Prod	Up to 3 Dev 3 QA/Stage 5 Prod
Design for number of public cloud providers	X	Up to 1	Up to 2
Calm blueprint specification documents *	1 Win 1 Linux	+2 x 3-Tier Web App	+5 x CI/CD API Endpoints
Nutanix Beam integration	X	✓	✓
Nutanix Karbon design	X	X	✓
Maximum duration	1 week	2 weeks	4 weeks

* see addendum of available blueprints

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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