

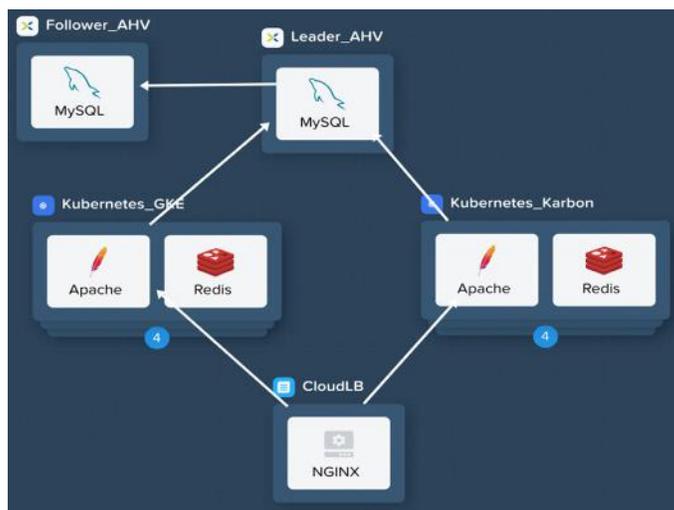
Nutanix Calm



FUNCTIONS

- Application Lifecycle Management
- Infrastructure-as-Code (IaC) and Application-as-Code (AaC)
- Native Self-Service
- Multi-Cloud Orchestration
- Unified VM & Container Management

Calm is a multi-cloud application management framework delivered by Nutanix. Calm provides application automation and lifecycle management natively integrated into the Nutanix Platform. With Calm, applications are defined via simple blueprints that can be easily created using industry standard skills and control all aspects of the application's lifecycle, such as provisioning, scaling, and cleanup. These blueprints can be created through the UI or via code with a Python-based DSL, including seamless conversion. Once created, a blueprint can be easily published to end users through the Nutanix Marketplace, instantly transforming a complex provisioning ticket into a simple one-click request.



“We have yet to find a workload that the AHV hypervisor can't handle, and its fully integrated with the rest of the Enterprise Cloud software making it easy to build the self-service portal we wanted and allow academics to provision their own resources.”

– Ryan Kennedy, University of Reading Academic Computing, Team Manager

Key Benefits

- Single Language for Application Modeling with flexibility to integrate with each team's tool of choice
- Unified Management and governance across clouds, hypervisors, and application types
- Removes IT bottlenecks by turning specialized operations into push-button automation
- Automated Self-Service for users with the Nutanix Marketplace
- Orchestrate across VMs, containers, and cloud resources to build any application



Self-Service and Governance

One-click self-service with centralized role-based IT governance



Application Lifecycle Management

End-to-end automation of application provisioning, scaling and management



Multi-Cloud Orchestration

Deployment of apps and centralized visibility across private and public clouds



IMPROVE IT AGILITY AND ELIMINATE HUMAN ERRORS

Simplify the set-up and management of custom enterprise applications by incorporating all elements of each app, including relevant VMs, configurations and related binaries, into an easy-to-use blueprint that is managed by the infrastructure team. All aspects of Calm, including blueprints, can be managed via the GUI or CLI, depending on a user's preference. By making the deployment and lifecycle management of common applications both automated and easily repeatable, infrastructure teams can eliminate the hours and days currently devoted to routine application management.

AUTOMATED SELF-SERVICE WITH CENTRALIZED CONTROL

Empower different groups in the organization to provision and manage their own applications, giving application owners and developers an attractive alternative to public cloud services. Calm provides powerful, application-centric self-service capabilities with role-based access control. All activities and changes are logged for end-to-end traceability, aiding security teams with key compliance initiatives.

APPLICATION DEVELOPMENT AND MODERNIZATION

Combined with Nutanix Karbon or your choice of certified Kubernetes, Calm provides the tools required to modernize applications without losing control of policy. Additionally, Calm natively integrates with Jenkins to empower CI/CD pipelines with automatic infrastructure provisioning or upgrades for all applications.

UNIFIED MULTI-CLOUD ORCHESTRATION

Calm unifies the management of all your clouds into a single pane-of-glass, removing the need to jump between portals. Calm automates the provisioning of multi-cloud architectures, scaling both multi-tiered and distributed applications across different cloud environments. With native integration into Xi Beam, Calm even shows the overall utilization and true cost of consumption at a glance providing the information required to make deployment decisions with confidence.

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix Enterprise Cloud Platform leverages web-scale engineering and consumer grade design to natively converge compute, virtualization and storage into a resilient, software- defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications.



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