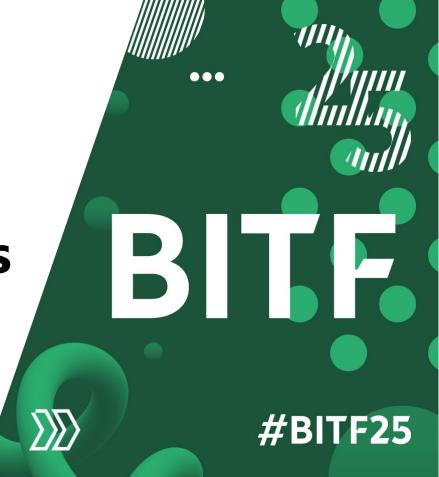


Simplifiez Kubernetes avec Nutanix Kubernetes Platform.

Nicolas Fritsch – Consultant Datacenter, Bechtle Suisse

Tristan Kelkermans – Presales Senior System Engineer, Nutanix

Bechtle IT Forum, Lausanne.



Only Nutanix makes Hybrid Multicloud simple and cost effective.

Any Workload, Any App

Enterprise Apps

Cloud Native Apps

AI/ML

Databases

Desktops



Run Anywhere

Data Centers

Public Clouds

Service Provider Clouds

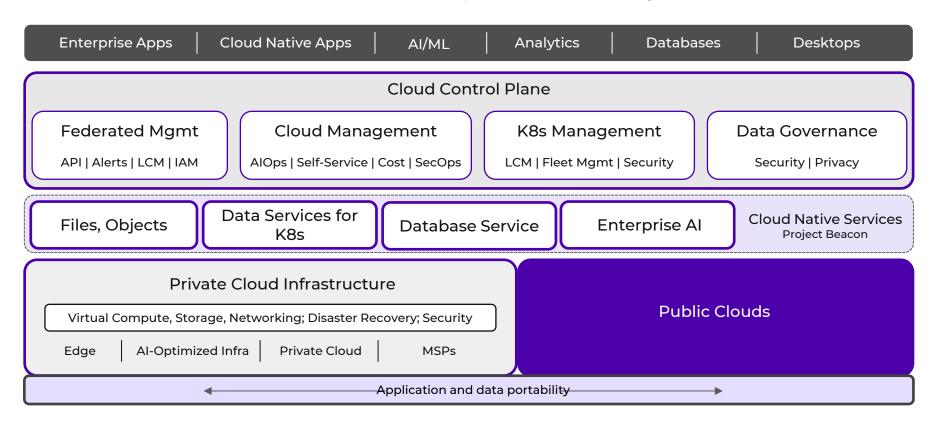
Edge Locations

One platform to run Apps and Data anywhere.





Nutanix Cloud Platform: One platform for Hybrid Multicloud









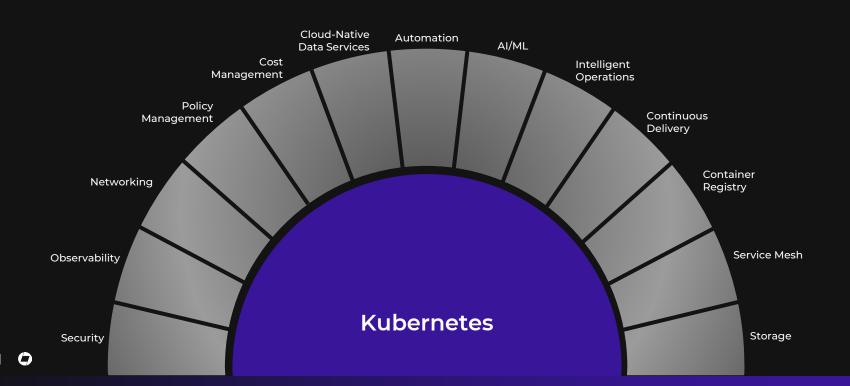
D2 IQ





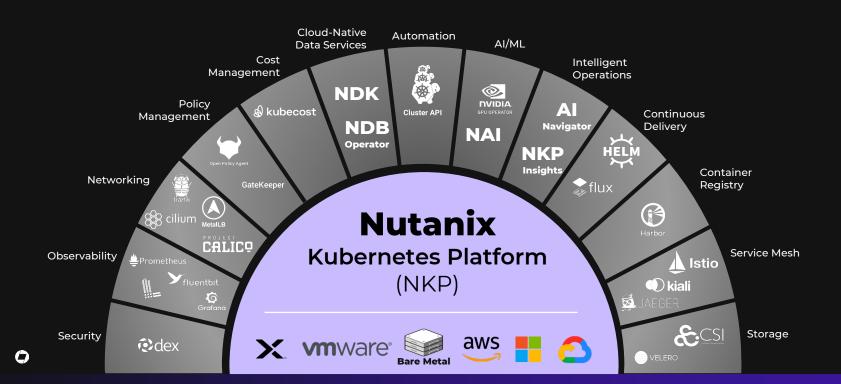


What does it take to build a Cloud Native Platform?

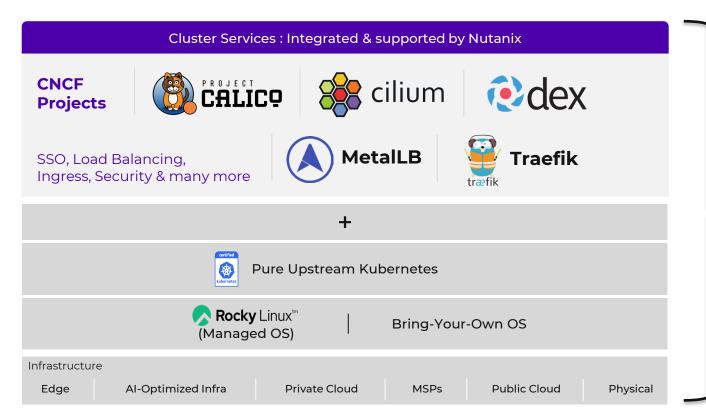


Consolidate and master your Cloud Native Operations

deploy, secure, manage and ppgrade: Enterprise-ready Cloud Native Stack at Scale



NKP Features



Out of the Box

NKP is installed for day two operations





NKP Features

Bring-Your-Own Kubernetes Runtime	Hybrid Multicloud Fleet Management			Enhanced User Support	
Cloud vSphere Bare Metal GPUs	Backup & DR Al Serverless Service Mesh		Observability & Policies		
Cluster Lifecycle Management					
Cluster Services: SSO, Load Balancing, Ingress, Security					
Pure Upstream Kubernetes					
Rocky Linux™ Bring-Your-Own OS (Managed OS)					
Infrastructure Edge AI-Optimized	Infra Priva	ate Cloud	MSPs	Public Cloud	Physical

Focusing integration with your policies. Not How.

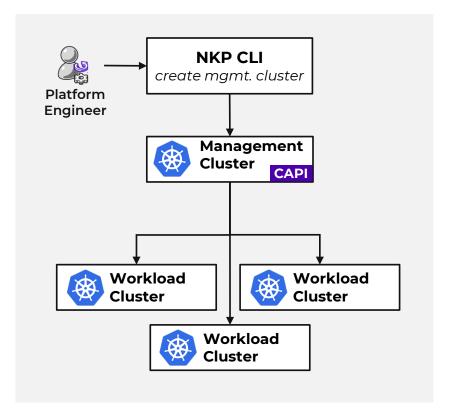




Automated cluster lifecycle management

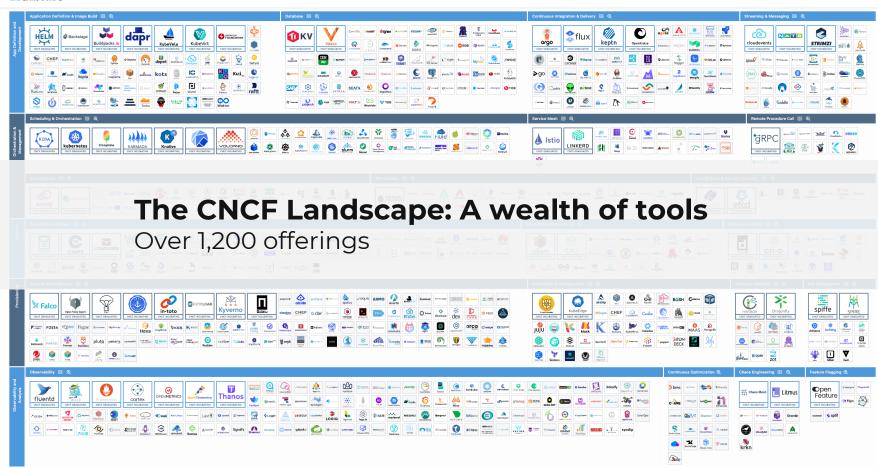
Cluster API simplifies provisioning and operating Kubernetes clusters

- Manage the lifecycle (create, scale, upgrade, destroy) of Kubernetes clusters
- The same API works in different environments, both on-premises and in the cloud
- Save thousands (tens of thousands) of lines of custom automation











Run NKP anywhere with pre-provisioned infrastructure

Freedom of choice

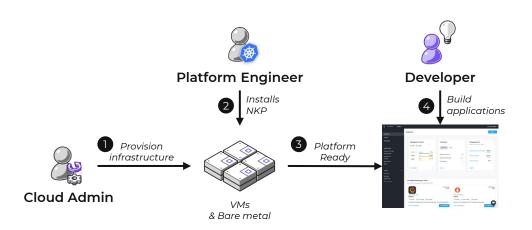
Bare metal, any hypervisor, any Cloud, with just deploying a supported OS*

Separation of concerns

Clear boundaries between team responsibilities and access

Allow strict security controls

Successfully deploy Kubernetes in restricted environments with different classification levels







Managed operating system or bring your own

Managed OS

- Available for Nutanix AHV only
- Provided and supported by Nutanix
- Rocky Linux 9
- Easy to use



Bring Your Own

- Created by customer
- Build a CAPI-compatible image using Nutanix Image Builder
- FIPS-compliant build*
- Flatcar support*
- Operating System support depends on the infrastructure provider*





Centralized application catalog

Platform applications

NKP applications available out of the box to accelerate creation of production ready clusters

Provider: Nutanix



Catalog applications

Curated applications available out of the box, fully tested and integrated, ready to be consumed

Provider: Third-party



Custom applications

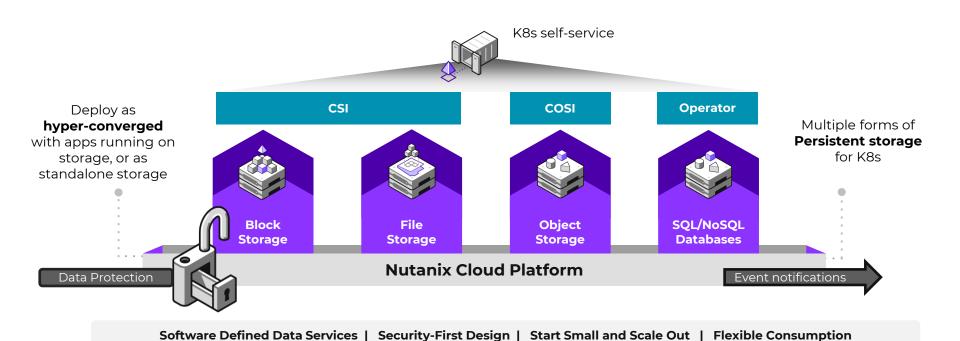
Bring your own in-house applications suited to your unique organizational needs

Provider: You





Rich high-performance Software-defined Data Services for enabling stateful workloads







Secure your stateful Apps: Disaster recovery and backup solutions



Application DR

Nutanix Data Services for Kubernetes (NDK) offers data protection and management with support for async replication and low RTO

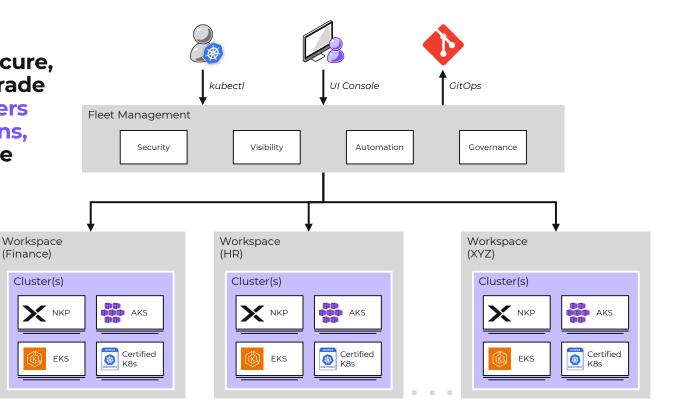


Application Backup

NKP provides Velero, an opensource project to backup and migrate Kubernetes resources and persistent volumes

Level up Ops at Scale with Fleet Management

Simply deploy, secure, manage and upgrade Kubernetes clusters and its applications, at scale, anywhere





Nutanix database service operator for K8s

Developer self-service

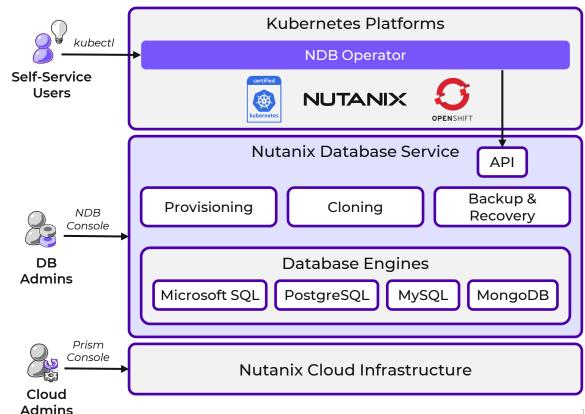
Let developers provision, clone, and restore databases using YAML, speeding time-to-market

Open-source and proprietary databases

Fast and easy access to PostgreSQL, MongoDB, MySQL, and SQL Server

Available as a Helm chart

For any CNCF Certified Kubernetes distribution, including OCP







DEMO



Événement

Notre prochain événement. Bootcamp Bechtle & Nutanix.



- Introduction: Déployez votre premier cluster NKP.
- Fondamentaux: Maîtrisez la gestion des clusters, les espaces de travail, le déploiement d'applications et l'utilisation du stockage.
- Observabilité: Préparez vos charges de travail pour la production avec des outils de surveillance et de journalisation.
- **Automatisation :** Implémentez GitOps pour gérer l'infrastructure et déployer des applications.
- Nombre de places limité.



Jeudi 18 septembre 2025 | 08h30-16h00 | Bechtle Suisse, Morges







Des questions?

Venez nous rendre visite sur notre stand.







