

NUTANIX | amanox

Modernizing Logistics with Red Hat OpenShift: An Interview

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The goal and how to get there?

Project Goal & Approach



**Modern and fast
DevOps Platform**



**Developer
happiness**



**Highly available
modern Apps**



No Cloud

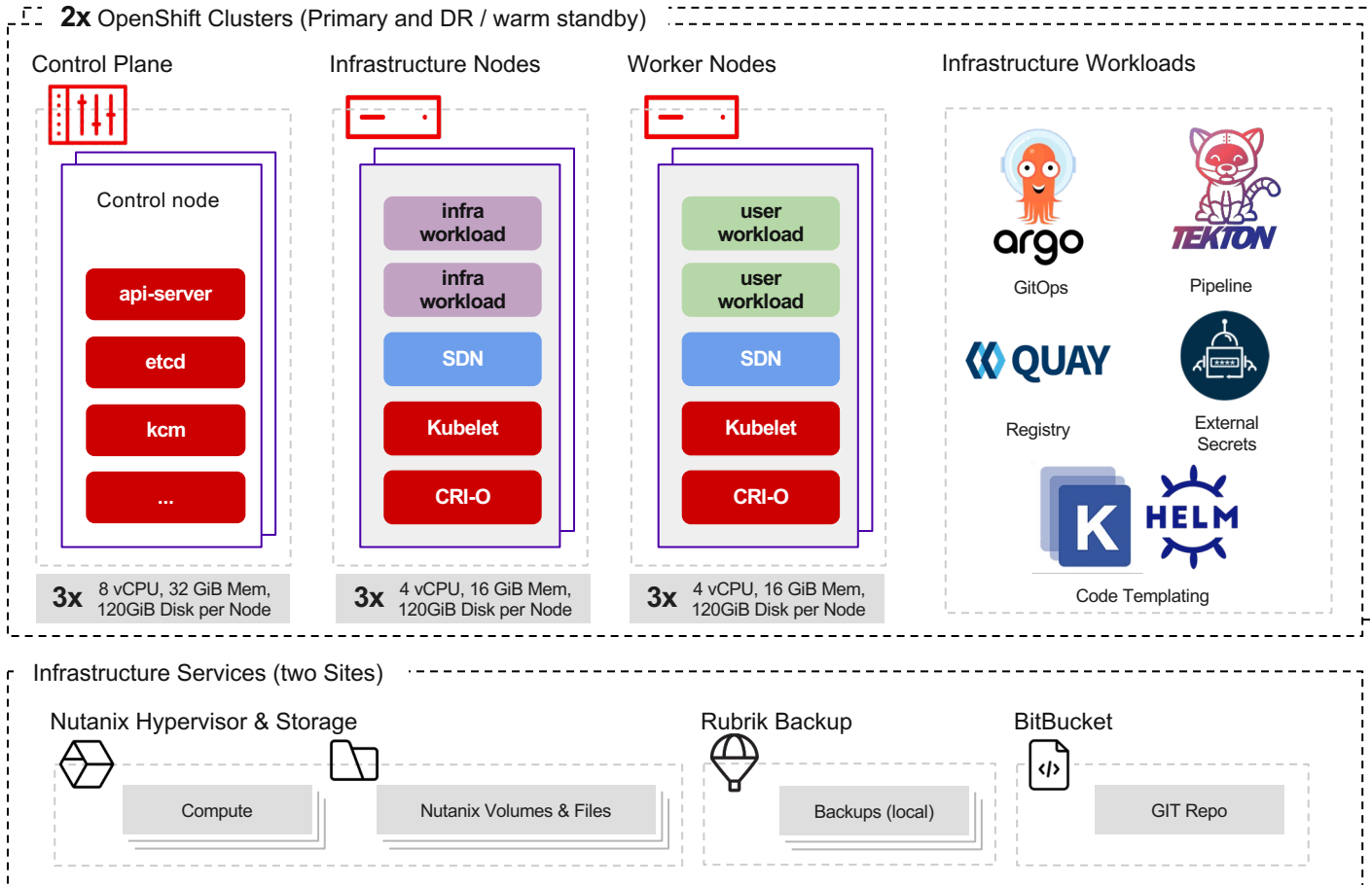


**Automated
deployments**



GitOps

Architecture Overview

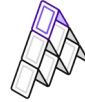


The reason for OpenShift as a Container Platform?

Benefits of OpenShift



Strong Alliance
Red Hat <-> Nutanix



**Roles can focus on
business outcome**



Operator Framework
(e.g. CSI for Nutanix, Machine API Operator)



**Enterprise Open
Source**



Teams
(Infra and Devs)



Great Support

Why OpenShift on Nutanix and not elsewhere?

Benefits of OpenShift on Nutanix



Existing Nutanix Infrastructure



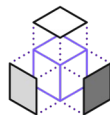
Operator Framework integration with Nutanix



HCI Storage for persistent Storage
(RWO, RWX)

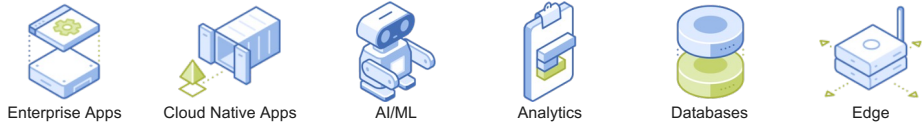


Support Experience
(NPS 90+)



Invisible Platform to the developer

OpenShift On Nutanix



Certifications & Joint Solutions

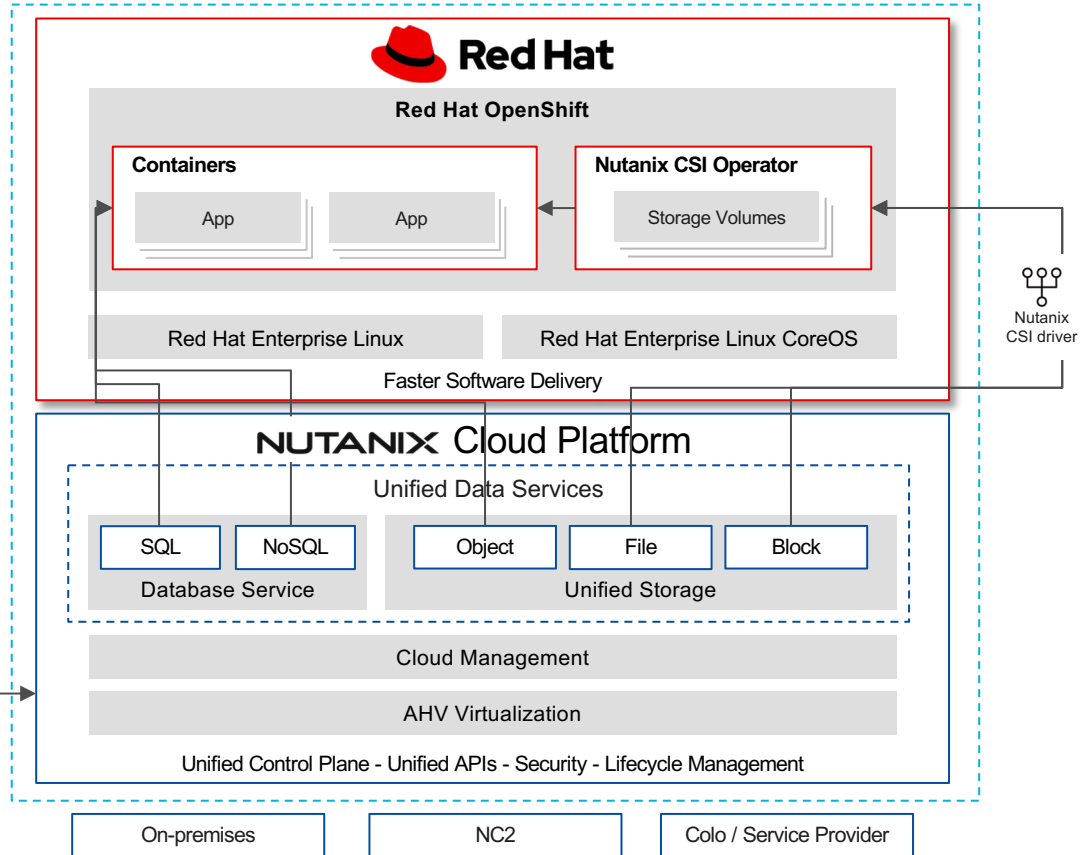
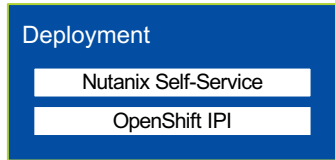
- Installer Provisioned Infrastructure (IPI)
 - Cluster Bootstrapping
- Day Two Cluster Operations (Node Management)

Nutanix CSI Operator

- Available in OperatorHub

Use Cases

- Rich DevOps Services, Cross Platform, Cross Cloud



Benefits of using Nutanix compared to Bare Metal?

Comparing with Bare Metal



No requirement for low latency apps



Simple centralized operations, management and insights



Fast time-to-value



Easy to install and scale the infra



Self-healing, highly available and high performance Platform



Efficient resource utilisation

Hypervisor a topic for discussion?

Hypervisor



**Customer using 100%
Nutanix Hypervisor**



**Self-healing, highly
available and scalable**



On-prem, no cloud



It just runs



**Cloud Like
Experience on-prem**



Proven Hypervisor

Conclusion and what's planned next?

Conclusion and next Steps



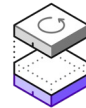
Rapid Developer adoption



Observability



Developer Happiness



Backup and Restore



How to shift -left Security



Nutanix Data Services for Kubernetes (DR)

Come to our Booth



**Discovery
Workshop**



**Reference
Calls**



POC



Test Drive



NUTANIX

Thank You