Best-in-Class Solutions for Traditional and Containerized Applications

Nutanix and Red Hat partner to simplify and accelerate Linux and Kubernetes application deployments with certified solutions for hybrid multicloud environments.

Enterprises need to find the best solutions to streamline deployments of virtualized and cloud native applications so that IT and DevOps teams spend less time on infrastructure tasks and more time delivering new apps and services. Hybrid multicloud strategies utilizing vendor-certified solutions—for virtualized and Kubernetes environments—minimize friction, ensuring that deployments go smoothly, operations are simplified, and service and support is fast and efficient.

Nutanix and Red Hat have entered into a strategic partnership to deliver powerful solutions for building, scaling, and managing both traditional and containerized applications.
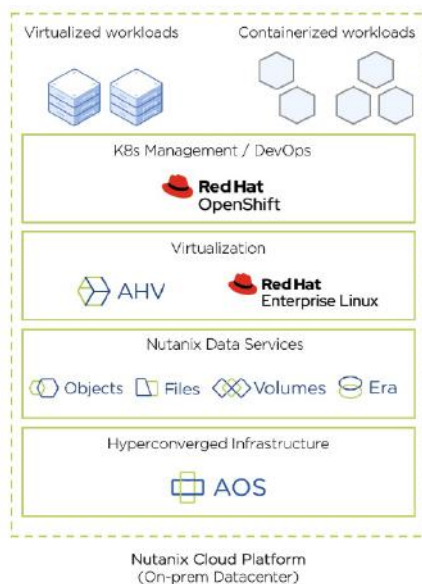
SIMPLIFY HYBRID MULTICLOUD INFRASTRUCTURE AND ACCELERATE APPLICATION DEVELOPMENT WITH RED HAT AND NUTANIX

The alliance between Nutanix and Red Hat is designed to provide a best-in-class hybrid multicloud experience. The combination of Nutanix Cloud Platform and Red Hat software results in optimized solutions that offer our customers significant benefits:

- **Best-in-Class infrastructure.** The certification of Red Hat Enterprise Linux and Red Hat OpenShift with the Nutanix AHV hypervisor and Nutanix Cloud Platform provides simplified full stack solutions for virtualized and cloud native applications.

- **Seamless support experience.** When technical support is needed, your teams benefit from the combined expertise of the Red Hat and Nutanix global support teams in a collaborative fashion.

- **Robust interoperability for the future.** Red Hat and Nutanix are focused on continuing to enhance customer value for users of Red Hat Enterprise Linux and Red Hat OpenShift on Nutanix.

"We are thrilled to see two of our technology partners announce this strategic relationship. As we manage the complexities of hybrid cloud, we believe this relationship will unlock new hosting and deployment options for VM and container-based workloads. These new options will support our goals of being fast, efficient and friction-free as we deliver new experiences to our customers."

– Ritch Houdek, SVP, Technology, Kohl's

Nutanix Cloud Platform
(On-prem Datacenter)

RED HAT ENTERPRISE LINUX AND AHV

IT teams face many challenges in their efforts to operate a broad array of applications. They need infrastructure that is flexible, stable, and scalable, to handle every situation. Running Red Hat Enterprise Linux (RHEL) in combination with Nutanix AHV virtualization delivers the full benefits of both solutions, streamlining infrastructure and application management while delivering the necessary performance, security, and resiliency.

RHEL is the world's leading enterprise Linux platform, providing a consistent foundation across all environments. It has the tools needed to deliver services and workloads faster for any application, reducing deployment friction and costs while speeding time to value and ensuring security for critical workloads. With RHEL, development and operations teams are better able to innovate together.

Nutanix AHV offers a secure, enterprise-grade virtualization solution that streamlines operations and is tuned to deliver optimal application performance on Nutanix Cloud Infrastructure for the most demanding applications. AHV lets you manage storage and virtualization easily, while providing teams with factory-applied security, network microsegmentation, and built-in configuration audit and remediation. Using Nutanix with AHV provides better TCO than other virtualization solutions.

Together RHEL and AHV provide a best-in-class infrastructure stack for virtualized enterprise applications with a seamless support experience.

RED HAT OPENSHIFT AND THE NUTANIX CLOUD PLATFORM

Kubernetes is a dynamic, distributed platform that requires rapid scaling and resilience. Without simple, secure, and integrated solutions, Kubernetes lifecycle management presents major challenges. The combination of Red Hat OpenShift and Nutanix Cloud Platform simplifies Kubernetes deployment and ongoing management, delivering better results with less effort. This joint solution enables IT operations to keep pace with developers' resource needs and optimizes organizations' speed to market with innovative modern applications.

The Nutanix Cloud Platform provides ideal infrastructure for OpenShift workloads. It is scalable and resilient and has been architected for Kubernetes and distributed environments. The integrated AHV hypervisor, Nutanix Unified Storage, and advanced automation greatly simplify the infrastructure environment. Nutanix deploys rapidly and reliably and sets a benchmark for operational simplicity, with an intuitive public cloud-like user experience that satisfies developer needs and accelerates app development.

"We have a vision to enable open hybrid clouds, where customers have choice and flexibility. Our partnership with Nutanix brings a leading hyperconverged offering to the open hybrid cloud, driving greater choice for our joint customers in how they deploy their containerized workloads and backed by a joint support experience."

– Paul Cormier, CEO, Red Hat

Red Hat
OpenShift

OpenShift is built for cloud native application development and deployment across hybrid multicloud environments. It accelerates development, delivery, and life-cycle management for a mix of applications, providing a consistent foundation to run application workloads on-prem, in a public cloud, or at the edge. OpenShift can help you modernize existing apps, develop new cloud-native apps, and integrate software from a broad ecosystem of ISV partners and cloud providers.

Together, Nutanix Cloud Platform and Red Hat OpenShift provide a best-in-class full stack solution for DevOps and container management that:

- Is simple to deploy, manage, and scale
- Leverages built-in file, object, and block data services along with a full-featured CSI from Nutanix
- Allows databases to be easily deployed in VMs (using Nutanix Database Service) and consumed by OpenShift applications
- Comes with enterprise-grade support
- Accelerates application development and deployment

To learn more about OpenShift and Nutanix Cloud Platform, read the full solution brief.

GETTING STARTED

To find out how Red Hat and Nutanix can help your organization accelerate its hybrid multicloud journey and more easily build, scale, and manage virtualized and containerized applications visit nutanix.com/redhat or redhat.com/en/partners/nutanix.

NUTANIX™
YOUR ENTERPRISE CLOUD