

10 REASONS TO VIRTUALIZE RED HAT WITH NUTANIX

Red Hat and Nutanix have partnered to enable customers with a best-in-class solution for building, scaling, and managing enterprise class applications on-premises and in hybrid clouds. The partnership brings together industry-leading technologies, enabling and integrating Red Hat Enterprise Linux (RHEL) on the Nutanix HCI (Hyperconverged Infrastructure) Cloud Platform, including Nutanix AOS and AHV virtualization. Here are the top 10 reasons why you should virtualize your RHEL deployment with Nutanix HCI.

1 RHEL and AHV Virtualization Certification

The Nutanix HCI Cloud Platform seamlessly integrates RHEL with certified Nutanix AHV hypervisor providing an enterprise-grade virtualization solution for the most demanding applications.

2 Seamless Solution Support

Nutanix and Red Hat partner to support your production Linux workloads and jointly solve customer issues providing faster resolution times in a collaborative fashion.

3 Platform Resilience and Performance

Nutanix with RHEL provides a self-healing architecture with 86% less unplanned outages. The distributed storage fabric provides enhanced resilience, availability, and performance (sub ms consistent latency).

4 Choice Prevents Lock-in

Nutanix and Red Hat are both committed to being “open” for their customers and how they build and run their cloud including choice of hardware, hypervisor, and public clouds.

5 Performance Enterprise Databases

Accelerate your critical production databases on RHEL with advanced distributed storage delivering SAN like data services such as snapshots, resilience, and performance.

6 Effortless Path Forward from CentOS to RHEL

Upgrade your CentOS licenses to the RHEL subscription for datacenters and run unlimited RHEL with certified Nutanix AHV virtualization without interruption.

7 Cooperative Engineering Roadmap

Nutanix and Red Hat deliver continuous integration and testing of RHEL with Nutanix HCI and AHV hypervisor to provide robust interoperability and roadmap alignment

8 Easy Full-Stack Life Cycle Management and Compliance

Red Hat Satellite Server automates patching and upgrades for RedHat VMs (Virtual Machines) running on AHV and Nutanix LCM (Life Cycle Manager) automates full stack upgrades, patching and life cycle management for firmware, hypervisor, and storage.

9 Move to Full Stack Kubernetes with Red Hat OpenShift

Accelerate cloud native by adding Red Hat OpenShift for an automated and simplified full stack cloud native platform , to meet the needs of enterprise virtual and cloud native workloads and use cases.

10 Future Proof Infrastructure Stack

Nutanix and Red Hat offer a full stack DevOps cloud platform for both traditional and container-based applications, providing a best-in-class foundation for your modernization efforts as well as your virtual applications.

What is Nutanix HCI

Hyperconverged infrastructure (HCI) is a distributed infrastructure platform powered with intelligent software to create flexible building blocks that replace legacy infrastructure consisting of separate servers, storage networks, and storage arrays. More specifically, it combines commodity datacenter server hardware with locally attached storage devices (spinning disk or flash) and is powered by a distributed software layer to eliminate common pain points associated with legacy infrastructure.



What is Red Hat Enterprise Linux (RHEL)

Red Hat® Enterprise Linux® is the world’s leading enterprise Linux platform. It is an open-source operating system (OS) and the foundation to scale existing apps—and roll out emerging technologies—across bare-metal, virtual, container, and all types of cloud environments.



What is Nutanix AHV Virtualization

AHV Virtualization is built into Nutanix Cloud Infrastructure, and like vSphere and Hyper-V, is perfect for providing enterprise virtualization for any workload with support for the most popular Linux distributions and Microsoft Windows server as well as other desktop operating systems.



“ 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 (Virtual Machine) 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
Senior Vice President, Technology, Kohl's

“ The insurance industry is in the midst of a transformation to rapidly adapt to customers’ demands,” said. “We protect 39 million lives around the world with our products and services. As we work to modernize our IT infrastructure to support a seamless digital experience for our customers and employees, Nutanix and Red Hat help simplify our technology stack and advance our cloud transformation.

- GAUTAM ROY
Chief Technology Officer, Unum

Ready to build a **best-in-class hybrid cloud infrastructure** with Red Hat and Nutanix?

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