

# 4 Ways Nutanix and Red Hat Address Modern IT Challenges

Organizations need the benefits of cloud-native solutions, containerization at scale, and moving IT to the network edge to stay competitive. They also need to maintain and optimize their traditional virtual applications. Red Hat® enterprise solutions and the Nutanix Cloud Platform™ software can help organizations meet today's business needs in four ways.

## 1. Deploy Critical Applications Efficiently

Organizations need consistency, simplicity, and resiliency to use their IT investments while modernizing their businesses to:

- Manage any applications, anywhere, at any scale, with ease, scalability, choice, and portability.
- Automate processes and reduce complexity, while supporting modern DevOps practices and maintaining security end-to-end.
- Maintain consistency across the stack with a fully certified, jointly supported, hyperconverged infrastructure (HCI). Expand your use of existing investments while modernizing your IT environment.
- Improve trust and remove challenges from IT resources with interoperability and customer support.
- Benefit from the strategic partnership between Red Hat and Nutanix, which provides you with the choice of how to deploy virtual and containerized workloads, and for building, scaling, and managing cloud-native applications on-premises or in a hybrid cloud environment.

## 2. Manage Edge Environments Effectively

Manage edge environments without deploying specialized skills typically not found at edge sites. Together, Red Hat and Nutanix allow you to:

- Use the flexibility of developing responsive edge applications by aggregating and connecting data from edge sites and the core datacenter.
- Benefit from a consistent DevOps approach across core datacenters, cloud environments, and edge deployments. Build, run, and manage applications consistently across all environments—from on-premises to the most remote edge locations.
- Speed application development while retaining resiliency, performance, and Day 2 operations when the product is with the customer.
- Achieve a fully-featured, scaled, untethered operating model, overcoming the traditional challenges of hyperscaler solutions at the network edge.

### 3. Achieve Value in Less Time

Deploy a fully integrated solution for all cloud-native applications, allowing you to achieve business value in minutes. With this optimized environment, you can:

- Rely on a simplified, full-stack solution to help meet the needs of high-performance, business-critical workloads and use cases.
- Efficiently turn an idea into business value. With Nutanix and Red Hat, you can create, test, and deploy stable applications in production.
- Improve time to value by eliminating the complexity of traditional server and storage infrastructure. Harness an efficiently deployed and managed hyperconverged solution and orchestration framework for containerized applications, that are safe and effective across multiple environments.
- Use simplified, jointly supported management and automation, and benefit from a roadmap for planning and delivery.

### 4. Optimize Your Return On Investment (ROI)

Experience choice and flexibility while eliminating complexity around virtualization and containerization to scale out infrastructure without licensing worries. The strategic partnership lets you:

- Have a significant choice in how to deploy your virtual and containerized workloads by bringing Red Hat Enterprise Linux® and Red Hat OpenShift® to the Nutanix® hyperconverged infrastructure (HCI).
- Deploy with confidence. Nutanix has deep roots in HCI software. Red Hat OpenShift is an industry-leading Kubernetes platform.
- Scale without worrying about per container or per virtual machine (VM) licensing. Virtualization and containers are no longer licensed, deployed, and managed separately as a complex additional layer of the IT stack.
- Combine Nutanix AHV® virtualization and Red Hat OpenShift for protected, enterprise virtualization and containerization that streamlines operations.

### Explore Additional Benefits

There are more ways you can benefit from leading solutions, joint support, and roadmap planning. Learn more about how your business can advance using the [strategic Red Hat and Nutanix partnership](#).

<sup>1</sup>Forrester Research. "[The Forrester Wave: Multicloud container development platforms: Q3 2020](#)," 2020.

**NUTANIX**

[info@nutanix.com](mailto:info@nutanix.com) | [www.nutanix.com](http://www.nutanix.com) | [@nutanix](https://twitter.com/nutanix)

©2023 Nutanix, Inc. All rights reserved. Nutanix, the Nutanix logo and all product and service names mentioned herein are registered trademarks or trademarks of Nutanix, Inc. in the United States and other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. All other brand names mentioned herein are for identification purposes only and may be the trademarks of their respective holder(s). Checklist-Nutanix-Red-Hat-Address-Modern-It-Challenges-EN-FY23Q3-10192023