

# 4 ways Red Hat OpenShift on OCI delivers value

Modernizing applications, adopting AI, and scaling infrastructure can feel daunting without the right foundation. Combining Red Hat® OpenShift® and Oracle Cloud Infrastructure (OCI) into a unified solution streamlines this task. This checklist outlines 4 key ways the combined platform helps you realize more value from your IT investments.

## 1 Maximize flexibility with distributed and multicloud support

**Organizations often need to run workloads across different environments, from public to sovereign cloud.**

Red Hat and Oracle together provide deployment choice and consistency to meet these needs.

- ▶ Red Hat OpenShift can be deployed for virtually any workload and across any cloud environment, providing a consistent foundation.
- ▶ Oracle's distributed cloud spans public, government, sovereign, and Oracle Alloy instances, offering organizations tailored options for different business and compliance needs.
- ▶ Joint solutions let you stay on your preferred cloud while maintaining interoperability with other clouds such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud.
- ▶ Benefit from more predictable costs and lower egress charges for data-heavy applications, improving budget planning and cost control.

## 2 Advance AI with an end-to-end enterprise solution

**AI adoption can be complex, requiring orchestration, data pipelines, and high-performance infrastructure.**

The partnership creates a trusted foundation that allows organizations to operationalize AI with confidence and efficiency.

- ▶ Red Hat OpenShift provides the Kubernetes-based hybrid cloud application platform that serves as the consistent foundation for running applications, including AI workloads.
- ▶ Red Hat OpenShift AI builds on that foundation with specialized tools, infrastructure, and machine learning operations (MLOps) capabilities designed for data scientists and developers to develop, train, deploy, and monitor AI and ML models.
- ▶ Oracle contributes high-performance hardware, resilient infrastructure, and enterprise data services that deliver the speed and reliability required for demanding AI workloads.
- ▶ Gain a safeguarded path to AI adoption with portability across multiple chipsets and consistent operations across both on-premise and cloud environments, reducing risk and improving agility.

## 3 Accelerate application modernization and migration

### Migrating traditional applications while modernizing infrastructure is a top priority for many organizations.

Modernize at your own pace with full governance, supported by the joint capabilities of Red Hat and Oracle.

- ▶ Red Hat OpenShift Virtualization on OCI runs virtual machines (VMs) alongside containers, streamlining migration and helping consolidate traditional and cloud-native workloads on a single platform.
- ▶ Red Hat Ansible® Automation Platform supports standardized, repeatable deployments and day-to-day operations in OCI, helping reduce manual effort and improve consistency across environments.
- ▶ Oracle's high-performance bare metal and low-latency networking boost application performance, providing you the responsiveness needed for demanding workloads and modernized applications.

## 4 Scale performance while controlling costs

### Organizations want to increase performance without losing control over their budgets.

Red Hat and Oracle provide the confidence to scale efficiently while maintaining predictable expenses.

- ▶ Red Hat OpenShift running on OCI takes advantage of certified Red Hat Enterprise Linux® running on flexible VMs, supporting incremental scaling from 1 to 80+ central processing units (CPUs) and giving organizations precise control over resources as demand changes.
- ▶ Optimize workloads more effectively without overprovisioning or wasting resources, making sure systems remain efficient and cost-conscious.
- ▶ OCI's consistent regional pricing makes costs predictable while maintaining performance, helping enterprises expand globally without unexpected pricing differences.

### Next steps

Visit [the Red Hat and OCI page](#) to explore options for Red Hat OpenShift running on OCI.



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