

Azure Red Hat OpenShift: Enterprise Kubernetes for government

Jointly engineered, operated, and supported by Red Hat and Microsoft

Introduction

Azure Red Hat® OpenShift® provides a self-service, on-demand, fully managed enterprise container platform, based on Kubernetes and jointly operated by Microsoft and Red Hat. It helps government organizations of all sizes build, deploy, and scale apps in a Federal Risk and Authorization Management Program (FedRAMP) High certified hybrid cloud environment. With Azure Red Hat OpenShift, agencies can focus on development and application operations and not the operation of the cluster itself. Microsoft and Red Hat handle the provisioning, patching, updating, and monitoring of the Azure infrastructure and the Red Hat OpenShift cluster, so you can focus on quickly delivering applications.

Features for government agencies

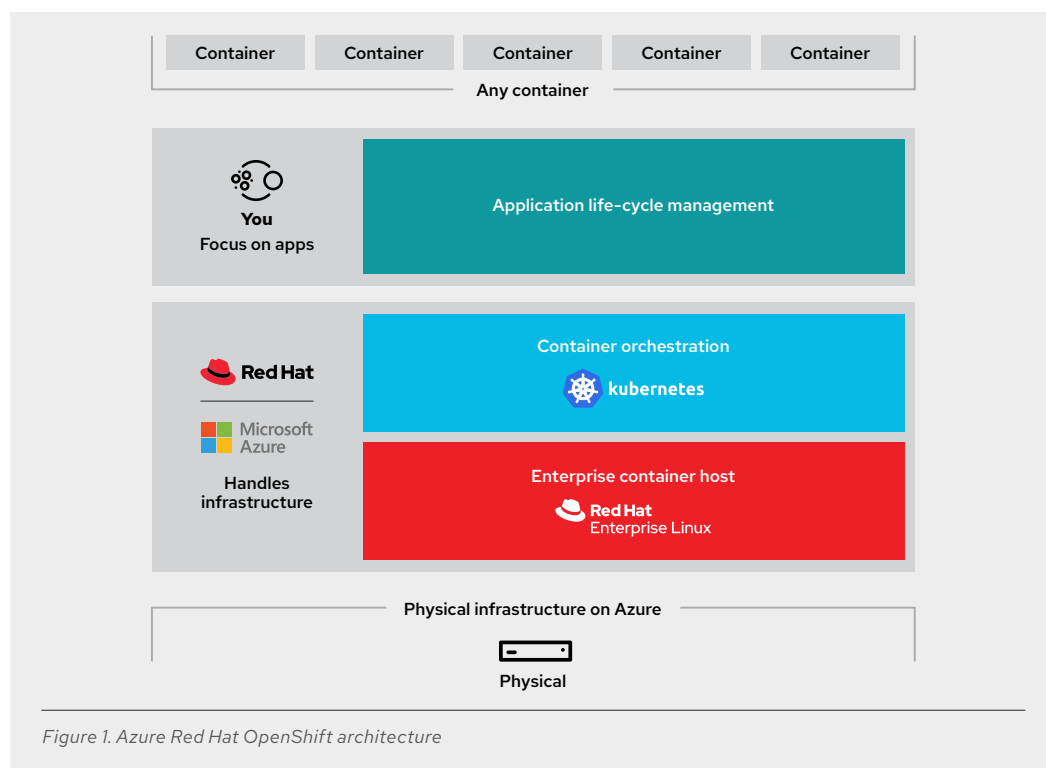
Azure Red Hat OpenShift delivers value to your hybrid cloud strategy by offering these features in a fully managed service on Azure:

- FedRAMP High certification
- Kubernetes on Red Hat Enterprise Linux®, operator framework, Red Hat OpenShift Service Mesh, and Red Hat OpenShift Serverless
- Enhanced security
- High availability
- Fully managed master, infrastructure, and application nodes
- No virtual machines to manage
- Integrated single sign-on using Azure Active Directory (AD)
- 24x7x365 site reliability engineering (SRE) support
- Cluster-admin support
- Cluster autoscaling
- Multiavailability zone clusters
- Payment Card Industry Data Security Standard (PCI DSS) and Health Information Trust Alliance (HITRUST) certified
- Bring your own identity (BYOI) provider
- Azure Monitor support
- Private application programming interface (API) and ingress endpoints
- Clusters deployed into Azure and billed to your subscription
- Flexible, on-demand pricing



facebook.com/redhatinc
@RedHat
linkedin.com/company/red-hat

Azure Red Hat OpenShift also gives you the ability to choose your own registry, networking, storage, or continuous integration/continuous delivery (CI/CD) solutions. You can get started quickly using built-in solutions with automated source code management, container and application builds, deployments, scaling, and health management.



To get started with Azure Red Hat OpenShift, visit www.openshift.com/products/azure-openshift.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.



facebook.com/redhatinc
@RedHat
linkedin.com/company/red-hat

North America
1 888 REDHAT1
www.redhat.com

**Europe, Middle East,
and Africa**
00800 7334 2835
europe@redhat.com

Asia Pacific
+65 6490 4200
apac@redhat.com

Latin America
+54 11 4329 7300
info-latam@redhat.com



Thank you for downloading this Red Hat brief! Carahsoft is the Master GSA and SLSA Dealer and Distributor for Red Hat Enterprise Open Source solutions available via GSA, SLSA, ITES-SW2, The Quilt and other contract vehicles.

To learn how to take the next step toward acquiring Red Hat's solutions, please check out the following resources and information:



For additional resources:
carah.io/RedHatResources



For upcoming events:
carah.io/RedHatEvents



For additional Red Hat solutions:
carah.io/RedHatPortfolio



For additional Open Source solutions:
carah.io/OpenSourceSolutions



To set up a meeting:
redhat@carahsoft.com
[877-RHAT-GOV](tel:877-RHAT-GOV)



To purchase, check out the contract vehicles available for procurement:
carah.io/RedHatContracts