Securing Red Hat workloads on Azure

Leveraging the strength of cloud-native security

Run Red Hat workloads with multiple layers of protection on the Azure platform









Infrastructure

Azure Boost, Retina, Azure Monitor, and other key tools protect the foundational components of IT environments, including physical and virtual systems, networks, and data centers.



Application

Microsoft Entra ID,
Microsoft Defender for
Cloud, Red Hat® Insights,
and other tools that
safeguard software can
prevent unauthorized
access, data breaches, and
malicious exploitation.



Security

Code

GitHub Advanced Security for Azure DevOps protects code from vulnerabilities, threats, and malicious attacks to ensure integrity, confidentiality, and availability.



Data

Azure uses many approaches to encrypt data at rest and data in transit. Encryption approaches for data at rest include serverside and Azure disk encryption. Encryption approaches for data in transit include transit layer support (TLS) encryption and more.

Azure and Red Hat integration points and compatibilities

Linux[®] compatibility with Azure confidential VMs provides hardwarebased isolation, OS disk encryption, and more.

Red Hat Enterprise



Defender for Cloud for system auditing, security management, and threat protection. Users can also connect Red Hat on Azure VMs to Red Hat Insights automatically for monitoring.

Customers can use Microsoft

See more examples in the report.

Entra and Red Hat Identity
Management enables
IT teams to centralize
administrative functionality
and user maintenance.

Integrating Microsoft

How customers win from the Microsoft and Red Hat partnership



support for Red Hat

workloads on Azure

Red Hat and Microsoft share an integrated, co-located support team that serves as a unified contact point for Red Hat ecosystems running on Azure. This team provides expertise, knowledge, and

joint support models.



regulations with Azure Marketplace for Red Hat images

for Red Hat images

Microsoft and Red Hat
engineering teams work closely
to build standard images within



architecture
guidance

Microsoft and Red Hat

have partnered to create a

ready-made starting point called Landing Zone for Red Hat Enterprise Linux on Azure

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Learn more at https://facts.pt/G94Mifm



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