Red Hat

Build a modern storage infrastructure

With Red Hat and Red Hat certified storage ecosystem partners

Select storage ecosystem partners:

Dell

IBM

NetApp

Portworx by Pure Storage

Robin Systems

StorageOS

Trilio

Veeam by Kasten

Veritas

As your organization relies on cloud-native computing to develop, deliver, and manage enterprise applications, data services like data security, governance, discovery, and resiliency become important. Many applications have built-in redundancy, but architecting a resilient deployment is essential to delivering high availability and disaster recovery. Without data services that help developers and data scientists collaborate to move data across systems, cloud-native application development might be difficult.

Simplify storage management with a modern storage infrastructure

Red Hat® Data Services is a portfolio of solutions that offer persistent software-defined storage and data services. Red Hat OpenShift® Data Foundation is a key product in the portfolio and is integrated with and optimized for Red Hat OpenShift.

OpenShift Data Foundation is an efficient, unified, and simplified storage platform that gives you the flexibility to scale as your needs grow. The platform helps you manage the massive growth in data and improves your ability to derive meaningful insights from your data. Built for modern workloads that include data analytics, artificial intelligence and machine learning (AI/ML), object Storage-as-a-Service (STaaS), archiving, and system backups, OpenShift Data Foundation runs anywhere Red Hat OpenShift does: on-premise or in the public cloud.

Extend and integrate with Red Hat storage ecosystem partners

Red Hat works closely with storage partners to certify integrations with Red Hat Enterprise Linux®, Red Hat OpenShift, and Red Hat Ansible® Automation Platform. The ecosystem gives you the choice and the ability to integrate existing hardware when deploying rich, critical applications in hybrid environments. Red Hat's storage ecosystem can help solve issues such as:

▸ **Efficiency.** Traditional storage technologies cannot keep up with demand. A lack of storage specialist skills exacerbates the problem of managing costs while maintaining performance. You need to scale storage without increasing cost, headcount, or security issues, while adapting to modern data management methods. Red Hat Data Services and Red Hat storage partners offer solutions to scale and manage your data storage.

▸ **Resilience.** Recovering application data is critical. Technologies like serverless, containers, and Kubernetes present new opportunities for application development, but need a recovery plan in the event of a failure.

▸ **Security.** Containers and hybrid-cloud technologies make the security landscape more complex. Data breaches and downtime are costly and difficult to manage. Laws might require passing audits and compliance processes, and projects have an expectation of a certain level of data privacy and security.

▶ **Governance.** A data governance program is essential for data management. It helps you to know what data you have, where that data lives, and how that data can be used. Data governance improves data quality to increase analytics accuracy to generate better insights. It also helps with corporate policy compliance and data privacy laws like general data protection regulation (GDPR) and other regulations.

▶ **Discovery.** Storage clusters can contain thousands of storage nodes. It is important to discover these nodes and their connections to monitor, manage, predict, and remediate issues before they affect performance.

Partner	Efficiency	Resilience	Security	Governance	Discovery
Dell	x	x	x	x	x
IBM	x	x	x	x	x
NetApp	x	x	x	x	x
Portworx	x	x	x	x	x
Robin Systems	x	x			
StorageOS	x	x	x	x	x
Trillio		x	x		
Veeam		x			
Veritas	x	x	x	x	x

Build an integrated, automated, reliable network for better user experiences

Red Hat offers storage and data services. Red Hat works closely with Red Hat certified storage ecosystem partners to test, certify, and integrate the technologies you need to build a more efficient, resilient, reliable, and regulatory conformant storage infrastructure.

Find out more about Red Hat and its storage partner ecosystem.

About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with award-winning support, training, and consulting services.

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