

IBM Storage Fusion

Enterprise data services for the Red Hat OpenShift Platform



Highlights

Data resilience ensures the availability of data

Data security helps protect data from cyber threats

Data mobility delivers data when and where it is needed

Data discovery helps find data at the right time

In the modern business world, change is inevitable. To unlock the agility needed to be responsive to these changes, cloud-native strategies are increasingly important. However, moving to a cloud-native strategy for applications and infrastructure is not without its challenges.

According to research from Gartner, 85% of organizations will embrace a cloud-first principle and 95% of new digital workloads will be deployed on cloud-native platforms by 2025¹. However, implementing cloud-native applications can be challenging for organizations. In fact, according to recent research from Boston Consulting Group, 70% of modernization efforts fail to meet their objectives².

IBM Storage® Fusion helps enable organizations to achieve the cloud-native agility and speed they seek, while mitigating the risks associated with the introduction of new technology.

IBM Storage Fusion is a container-native enterprise application data services platform for Red Hat® OpenShift® that provides a consistent experience for both users and administrators. This platform makes Red Hat OpenShift easy by unlocking the ability to innovate and operate at full speed. IBM Storage Fusion accelerates application development with simplified access and self-service administration dramatically reducing time to insight from every organization's most valuable asset — data.

From application development to data science to infrastructure modernization, IBM Storage Fusion helps organizations navigate cloud-native technologies with a simple, consistent and highly-scalable platform without the need to understand the underlying hybrid cloud infrastructure.





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Data resilience

Data is increasingly important to every modern business. Making data available across your organization is critical to gaining key business insights. However, data comes in many shapes, sizes and formats and is dispersed throughout your organization. IBM Storage Fusion delivers the fundamental components to simplify the availability of all data across your organization.

In order to extract maximum insights, you need to know that the data your organization has amassed is readily available across your teams and applications. IBM Storage Fusion delivers fundamental resilience of data to help protect your organization from hardware failures and accidents.

Disasters and accidents happen. Data can inadvertently get deleted or become infected by malware or viruses. How do you ensure the data you are looking at is available—but more importantly—accurate? IBM Storage Fusion includes automated, policy-based data protection technologies to help protect against these types of accidents and failures. Whether the cause is mother nature, a technology failure, or human error—assuring that relevant data is always available to your organization can mean the difference between staying in business or not. IBM Storage Fusion delivers advanced disaster recovery features so your organization can continue operations, even in the face of a major disaster.

Data security

In the modern world, threats to your business are everywhere. From ransomware and digital extortion to data exfiltration, there are many techniques cybercriminals use to access and control your data. IBM Storage Fusion helps you protect your data from these attacks and helps you recover quickly when they happen.

Data mobility

Containers give organizations the freedom and flexibility to run applications where they are needed, whether it be in core data centers, at the edge or in a public cloud. Achieving similar freedom and flexibility for data is critical. IBM Storage Fusion is a hybrid cloud platform which supports public cloud, private cloud, on-premises, off-premises and edge deployments. This allows teams to move data between environments, ensuring the right information gets to the correct place when and where it is needed most.

Data discovery

Data is crucial to the operation of many modern businesses. Gaining insights from data means organizations can respond more quickly to trends, maintain a competitive advantage and help increase revenues and profitability. However, finding data that is accurate and uncorrupted at the right time is challenging. IBM Storage Fusion enables organizations to identify and catalog their data so it is easier to find.

Conclusion

IBM Storage Fusion is an enterprise data fabric for Red Hat OpenShift which enables organizations to achieve the agility of a cloud-native way of business, while helping protect and make data more accessible.

Why IBM?

IBM Storage Fusion delivers support for nearly all types of structured or unstructured data. IBM Storage Fusion has advanced data mobility features which help ensure data is available on a global basis. When combined with advanced data discovery and cataloging, IBM Storage Fusion enables organizations to find the right data at the right time and present it essentially anywhere globally.

For more information

To learn more about IBM Storage Fusion, please contact your IBM representative or IBM Business Partner.

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1. Gartner Says Cloud Will Be the Centerpiece of New Digital Experiences, Gartner, 10 November 2021.
2. Flipping the Odds of Digital Transformation Success, Boston Consulting Group, 29 October 2020.

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New Orchard Road
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Produced in the
United States of America
January 2023

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