

# IMPROVE AGILITY WITH CONTAINER-NATIVE STORAGE

## OPTIMISE DATA OPERATIONS & BOOST DATA RESILIENCY

Get access to the data you need without the complexities of traditional silo-based data architectures and delivering the qualities of service, security, and resiliency your enterprise requires.

Container-native design patterns and deployment methods are rapidly becoming an effective standard for agile, continuous IT service delivery in the enterprise. However, adoption of cloud-native, containerised applications at scale has been hindered by the complexities and limitations associated with legacy storage and data management solutions.

You need an integrated data orchestration services platform designed to meet the demanding structured and unstructured storage needs of today's DevOps containerised environments. **IBM Storage Fusion** enables your teams to optimise data operations, deliver data on demand from any source to the application architecture efficiently and promote strong security and resiliency of your data estate.

### Why adopt containers?

- ✓ Improve time to profit and deployment speed of new solutions/features
- ✓ Quickly capture new business opportunities with new vendors
- ✓ Cloud-enable current and future applications leveraging microservices
- ✓ Gain control of financial and human capital investments

### Second thoughts about container environments?

- Different data centre/cloud architecture and development process
- Not an 'Early Adopter' type of company
- Tried it, and the level of effort to "roll your own" was too much
- Considering it, but not really certain where to start
- Happy with my current solution set

## TURBOCHARGE YOUR BUSINESS FOR OPENSIFT, AI & HYBRID CLOUD

Clients tell us that installing a container environment is easy but making it 'production-ready' is complicated. It can take up to 24 months for many to self-develop. CSI has solutions that can eliminate the second thoughts.

CSI augments IBM Storage Fusion with added services to make it even easier. As a services company, we will come alongside you and ensure implementation is seamless and complete. We can also manage the entire platform for you wherever its various installs reside.

We manage the Fusion code, making certain it is always up to date, as well as the underlying hardware or cloud installation. All you need to do is bring your container applications and development teams. The rest is taken care of.

## CSI's Managed Service for IBM Storage Fusion

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As part of the service offering, CSI will:

- continually refresh the Fusion Code base with the most feature rich, secure, and stable version of code, and
- continually maintain and/or refresh any CSI owned hardware as needed or appropriate.

### Fusion Managed Service Support

Fusion will initially be monitored by Red Hat skilled technicians in our Network Operations Centre (NOC).
Fusion Software upgrades and support will be handled through our NOC and reinforced by a combination of CSI Technicians, IBM Support, and/or Red Hat as appropriate.
Fusion Hardware Break-Fix will be contracted back to IBM for remediation.

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### IBM Storage Fusion: Service Level 1 Definitions

<b>User Management</b>	Use the role-based user restrictions and user management information for IBM Storage Fusion.
<b>Administering Nodes</b>	Administering nodes in the system includes day-to-day operations such as power-on, power-off, placing node in maintenance.
<b>Backup and Restore</b>	The backup and restore feature in IBM Storage Fusion captures the system configuration, helps you re-create the cloud and cluster configuration, and restores workload components and restore application data. (Optional: Storage Protect for Containers)
<b>Serviceability</b>	The serviceability of IBM Fusion includes Call Home client, event manager, and log collector. They gather event logs to track down problematic events, help troubleshooting issues, and update relevant information in the support ticket automatically.
<b>Storage</b>	The successful functioning of the IBM Storage Fusion appliance with the storage integration.
<b>Monitoring and Logging</b>	IBM Storage Fusion uses Kibana and ElasticSearch for logging and uses Prometheus and Grafana for monitoring. (Note: Kibana, ElasticSearch and Prometheus should be included as part of IBM Expert Assist scope).

### Book a demo to see IBM Storage Fusion in action.

With our help, you can explore demos that will show you how IBM Storage Fusion optimises data operations, plan a data architecture to support containerised apps and deliver stronger security and resiliency for your data.

Contact us today to explore how IBM Storage Fusion can help you get access to the data you need without the complexities of traditional silo-based data architectures and delivering the qualities of service, security, and resiliency your enterprise requires.



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