

IBM Storage Fusion HCI System with IBM watsonx.data

Create an on-premises cloud experience for watsonx.data

Many IT organizations are discovering that shifting their AI initiatives from pilot projects to full scale product requires a fit-for-purpose data store built on an open lakehouse architecture, supported by querying, governance and open data formats for accessing and sharing data.

Clients looking for a highly performant data lakehouse for the most demanding AI/ML workloads can now deploy IBM watsonx.data on the IBM Storage Fusion HCI System to deliver an integrated system to:

- Remove the complexities of infrastructure on premises and create a cloud-like experience for users and IT staff;
- Access data across on-premises and cloud environments through a single-entry point with a shared metadata layer leveraging open data and open table formats;
- Connect to storage and analytics environments in minutes and enhance trust in data with built-in governance, security, and automation;
- Reduce data lake and lakehouse costs with unified infrastructure options and fit-for-purpose compute engines that are clustered and capable of scaling automatically.



Fusion HCI System

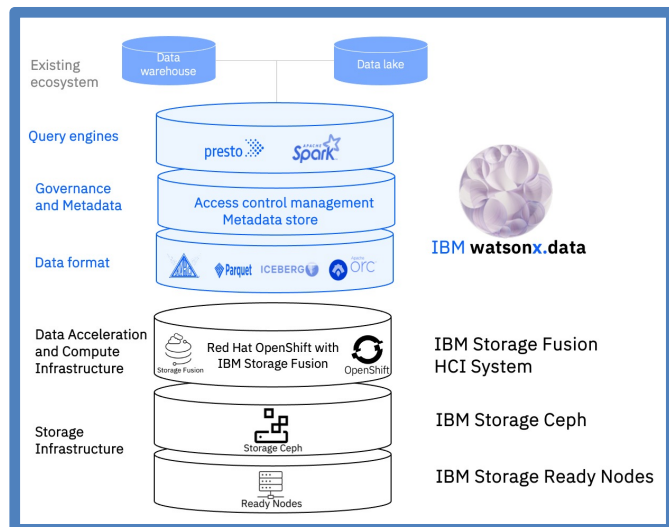
- Remove infrastructure complexity
- Enterprise resiliency for data and applications
- Intelligence for data with a storage data catalog
- Accelerate data access across hybrid multi-cloud

[Read the data sheet →](#)

[It's easy to get started →](#)

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IBM watsonx.data comes with a 100 TB IBM Fusion Essentials software license and support so you can quickly get started using watsonx.data.

IBM Storage Fusion HCI System Benefits

- **Lower CAPEX:** Server-side storage economics lowers capital expenses over array-based storage for container workloads such as watsonx.data.
- **Simplicity:** Reduce complexity and increase operational efficiency by providing a flexible plug-in infrastructure solution for an on-premises and hybrid-cloud deployment of watsonx.data
- **Reliability:** Using a fault tolerant architecture, data is distributed across multiple disks over multiple servers to provide a high available cluster for watsonx.data, with no single point of failure.
- **Discovery:** IBM Storage Fusion HCI System enables organizations to identify and catalog their unstructured and semi-structured data, so it is easier to find and organize data sets for watsonx.data analysis
- **Performance:** The IBM Storage Fusion software has been shown to optimize the access of data in the cloud with engineered data caching services.

