

IBM Cloud Pak for Data System

Quickly scale and deploy with a modern enterprise cloud data platform

Highlights

- Rely on a data platform with built-in governance
 - Simplify how you manage, govern and analyze data
 - Adapt to your needs using highly available services
 - Gain instant preassembled software provisioning capabilities with hardware
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AI brings powerful capabilities to enhance our daily lives and business while also providing a vast range of new opportunities. A key part of successful AI projects is *good* data.

For years, companies have been accumulating data at an impressive pace. Some of this data is being duplicated among various clouds and repositories at astounding levels. This duplication leads to data silos, high costs, delayed projects and high security risks.

Data users assigned to an analytics initiative spend as much as 60 percent of their overall time trying to locate the data they need. Organizations have invested resources to move data to a central location where it can be managed, controlled and made accessible. But most centralized big data projects fail to deliver on the promise of easy and controlled data access. Organizations tend to prioritize the ability to pull data from multiple repositories, clouds and backend systems.

To keep pace with the speed that applications are developed and deployed today, your information architecture must provide the resources needed for the applications to run in a secure environment. IBM Cloud Pak for Data System is a hyper-converged system that combines storage, computing and networking software into a single system. Built on a governed data and AI platform, IBM Cloud Pak for Data System simplifies and unifies how you manage, govern and analyze data. It allows you to provision and deploy data services flexibly and rapidly, depending on your tailored needs. You can automatically add discovered hardware nodes, add software from an app store or expand your system. IBM Cloud Pak for Data System installation is designed to be as simple as using the software itself.

Hyper-converged technology makes it possible for users to scale and evolve their infrastructures simply and economically as application loads change. IBM Cloud Pak for Data System includes a flexible microservices software architecture and field-programmable gate array (FPGA)-enabled network interface card (NIC) for advanced AI acceleration that can evolve with your everchanging analytics demands. Start scaling for your needs and deploying faster with IBM Cloud Pak for Data System.

Add time to value

Customers are accustomed to the value and speed cloud provides, and want the same convenience of efficiency in their own data centers. IBM Cloud Pak for Data System offers competitive time to value.

Once installed, the system is up and made available to users the next day. Hyper-convergence enables a software-defined data center to provide cost-effective agility, scalability and security. Customers can quickly develop applications and analyze their data cost-effectively in a security-rich environment within their own firewalls and expand as they need rather than resort to expensive capital outlays. Most importantly, developers don't need to change how they deploy applications, whether they're working in the cloud or their own data center.

When your needs outgrow your existing installation, IBM Cloud Pak for Data System simplifies expansion. This responsiveness allows you to buy small increments of computing or storage capacity as needed, rather than outlaying vast amounts of capital. Based on application demand and delivery, budgeting can be completed in quarterly expansions on an ad hoc basis. When the hardware arrives, it's pre-loaded and configured with software and licenses. Once installed in the data center, the existing cluster will automatically discover new hardware and licenses, inherit all user configurations, and be ready to use in a few hours. The platform evolves based on your needs and scalability, and it's all managed and highly available to help ensure maximum performance and productivity.



Why IBM?

Infused with AI, IBM's intelligent data catalog and governance platform simplifies and accelerates how knowledge workers make decisions and strengthen enterprise governance by delivering trusted data for insights and compliance at scale.

For more information

To learn more about IBM Cloud for Data Pak System, contact your IBM representative or visit ibm.com/analytics/cloud-private-for-data.

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