

IBM Storage as-a-Service

Simplify your storage experience



Highlights

Scale capacity up or down
as requirements change

Pay only for the storage
you use

Enhance your organization's
data resilience

Optimize IT staff productivity

Hybrid cloud is today's IT infrastructure standard for many organizations, in part because it gives companies the ability to scale up or down in response to business requirements. This presents new challenges to IT departments that must react quickly by providing the capacity and performance resources in a timely manner, within their deliverable timelines and budget.

As a result, more IT leaders are shifting to flexible consumption models to help maintain the necessary levels of agility, cash flow efficiency and service consistency while keeping up with technological advancements. As complexity and applications increases over time, the ability to consume capacity in a more flexible manner becomes more critical to deliver agile IT services.

IBM® Storage as-a-Service lets organizations deploy a flexible consumption model to cost-effectively extend your hybrid cloud capabilities. Even with on-premises infrastructure, clients experience cloud-like services that can dynamically scale up or down, without having to rely on never-ending storage acquisition and procurement cycles. The service is enabled for both your on-premises and your hybrid cloud infrastructure needs, helping you quickly access the storage services wherever resources are deployed. IBM simplifies your experience with our global expertise, including comprehensive lifecycle management and support provided with IBM concierge service.

IBM Storage as-a-Service is powered by IBM FlashSystem® and IBM DS8900F technology. IBM FlashSystem 9500 uses proprietary IBM flash technology for high performance flash density, and latency as low as 50 µs (microseconds). It includes hardware-accelerated compression technology that is designed to provide consistent data compression with negligible impact on system performance.



For mission-critical environments, IBM DS8900F high-performance storage solutions deliver next level performance, data resilience and enterprise availability to help you build faster, more efficient operations and make smarter business decisions. IBM DS8900F is designed to manage the full spectrum of storage workloads that exist in today's dynamic business environments and do it while offering very high performance and system availability, with industry-leading data protection and disaster recovery features.

An important security feature offered by DS8900F is its comprehensive support for the IBM zSystems™ suite of data protection technologies—pervasive encryption. These technologies enable extensive encryption of data in flight and at rest to substantially simplify encryption and help reduce costs associated with protecting data.

Scale up or down

Flexible consumption options make IBM Storage as-a-Service setup quick and straightforward. Choose the optimum performance tier according to your specific workload requirements, initial capacity, connectivity, encryption and contract terms for a service tailored to your needs.

Quickly access storage services by simply provisioning what you need. You select a base capacity level and IBM delivers 50% of additional capacity so you're ready for growth or a workload burst. Additional capacity is then automatically delivered and installed when you have provisioned 75% of your currently installed capacity, helping you eliminate time in complex procurement cycles.

Pay only for the capacity used

IBM provides clear costs and billing transparency so you can easily understand and predict your costs over time. Use as much storage as your business needs with one single rate for base and growth capacity. Unlike some other vendors' solutions, you get the benefits of data reduction technologies with no penalty fees for low data reduction, or hidden costs for usage above your commitment level.

Storage as-a-Service is easy to use. There's no need to worry about maintenance and refresh cycles as you get lifecycle management including concierge level service. An IBM technical account manager is assigned to you to help simplify your experience.

Enhance data resilience

IBM provides advanced capabilities that can maximize data protection, security and high availability to significantly reduce the risk of disruption and financial losses due to user errors, malicious destruction or ransomware attacks. IBM Storage Protect and IBM Storage Protect Plus provide comprehensive data protection for both enterprise and container-based workloads.

With IBM FlashSystem Safeguarded Copy, you can protect your data from cyberattacks with isolated, immutable copies that help you quickly recover with confidence. It is designed to prevent point-in-time copies of data from being modified or deleted by user errors, malicious destruction or ransomware attacks. You can also replicate to other IBM Storage Virtualize solutions in hybrid cloud environments, taking advantage of all the benefits of the Storage Virtualize software, including IBM Storage Virtualize for Public Cloud.

Optimize IT productivity

Storage administrators know that managing large storage systems requires many hours of monitoring, analysis, decision-making and adjustment. When problems arise, it can be difficult to troubleshoot complex storage systems to find the most effective solutions. To help address these challenges and reduce both manual labor and mistakes, IBM DS8900F comes with IBM Storage Insights Pro, an enterprise-proven, AI, cloud-based reporting and analytics platform. The platform helps you better understand trends in storage capacity and performance as well as expedite resolution when support is required.

IBM Storage Insights Pro monitors the health, capacity and performance under management on a single pane of glass, helping IBM customers understand and plan storage capacity and performance. The program provides proactive best practices using AI-based analytics to help identify potential issues before they become problems. When support is needed, IBM Storage Insights Pro helps speed resolution by simplifying opening tickets, automating log uploads to IBM, and providing configuration, capacity and performance information to IBM technicians.

Conclusion

Whatever the IT requirements of your organization, IBM can help with end-to-end solutions that include data systems, application servers, software, services, support and equipment financing.

Get the most out of your storage systems without overspending. Find out about the IBM comprehensive suite of storage products and services, built on the simplicity and convenience of IBM Storage as-a-Service.

Why IBM?

IBM Storage as-a-Service delivers the innovative hybrid cloud storage you need, when and where you need it on-prem or across your hybrid cloud environment. IBM data systems bring the security, performance, and cloud functionality demanded in today's data-intensive hybrid cloud environments. Build with flexibility, deliver with confidence, and protect the future of your business with these solutions from IBM Storage.

For more information

For more information about IBM Storage as-a-Service, please contact your IBM representative or IBM Business Partner or visit ibm.com/products/storage-as-a-service.

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IBM Corporation
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Produced in the
United States of America
February 2023

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