

Solution Brief

# Meet Tomorrow's Data Demands with IBM Storage Ceph

Simplify storage management, reduce costs, and stay ready for what's next.



# Storage: A Cornerstone of Modern Infrastructure

Digital transformation increasingly depends on storing and managing vast volumes of unstructured data, without compromising performance or scalability. Today's applications demand increasing volumes of data such as media files, logs, backup archives, and analytic datasets - and traditional siloed storage infrastructures cannot keep up.

Logicalis and IBM offer a solution to these rising data demands: IBM Storage Ceph. This enterprise-grade, software defined solution offers unified block, file, and object storage that is scalable, resilient, and cloud-ready. It helps businesses modernize storage infrastructure with flexibility and efficiency.

## The Challenge of Multi-Gen Storage

As storage demands increase, organizations increasingly hit ceilings that can impact performance, efficiency, and even the business itself.



### Challenge

- Scaling siloed capacity
- Managing diverse workload types
- Meeting modern performance needs
- Securing data across tiers



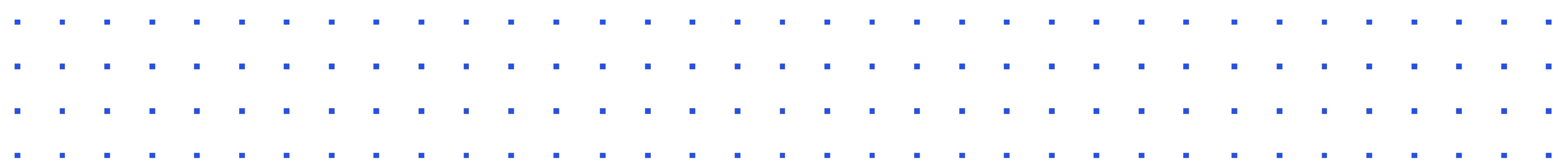
### Solution

- Inefficient, costly hardware sprawl
- Multiple systems, complex management
- High latency, system bottlenecks
- Fragmented security and compliance risks

Outdated architectures slow innovation, raise costs, and erode control. In contrast, IBM Storage Ceph consolidates these needs into one unified platform. It delivers reliability, performance, and reduced complexity. It runs on industry standard x86 hardware and scales from small beginnings up to petabyte deployments.

## IBM Storage Ceph: One Platform for Block, File, and Object Storage

IBM Storage Ceph is a management optimized, enterprise ready distribution of open source Ceph designed to help tackle these challenges. It offers a three-in-one architecture that unifies block, file, and object data in a single highly scalable and resilient distributed solution.



## Benefits include:

- **Extreme flexibility**  
Access multiprotocol support that adapts to your storage needs across architectures, workloads and integrations.
- **Full-stack security**  
Enable enterprise-grade infrastructure security, data integrity and regulatory compliance.
- **Consistently available support**  
Get round-the-clock access to IBM's technical experts, proactive monitoring and automated issue prevention.
- **On-demand scaling**  
Start small, expand rapidly and adapt to business needs without disruption.

Offered as a service, as software, or through Ceph-certified servers, IBM Storage Ceph is flexible enough to fit any environment, while still offering the storage foundation you need to lower costs and support exponential data growth.

## Take the Next Step in Your Storage Journey with Logicalis + IBM

A longtime IBM Platinum Partner, Logicalis brings decades of deep storage and infrastructure expertise and a strong track record of delivering enterprise solutions.

If your team is interested in modernizing storage with solutions such as IBM Storage Ceph, we can help your team:

- Architect and deploy scalable, unified storage tailored to your workloads
- Manage and optimize block, file, and object data across on premises and hybrid environments
- Secure, monitor, and support your Storage Ceph infrastructure with expert guidance

Are you ready to see what IBM Storage Ceph can do for you?

Contact Logicalis and let us help you build a scalable, secure foundation for your next-generation data strategy.

[Schedule free consultation](#)

We begin with comprehensive assessments to help you evaluate your storage requirements and plan the best path forward. We then handle the complete implementation process, from architecture design to deployment. Post-deployment, our managed services team provides continuous monitoring, optimization, and support to keep your IBM Storage Ceph environment running at peak performance.