All in one data resilience for IBM Cloud

Highlights

- Effective data backup, recovery, and data reuse for IBM Cloud workloads
- Unified data resilience across on-prem and cloud environments
- Deploy directly from the IBM Cloud catalog
- Protection and recovery of databases, applications and VMs in the cloud
- Flexible deployment options include all in the cloud or hybrid cloud
- Lower CapEx / OpEx with automated data offload to cost-effective storage

According to IDC, organizations are opting for integrated data protection and integration with public cloud services when they are procuring IT infrastructure. This is not surprising since the IDC study found that 38% of companies are moving a greater percentage of their data protection and/or disaster recovery (DR) to the public cloud as a result of COVID-19.[1]

As a result, modern data resilience solutions explicitly designed to operate both on-premises and in the cloud and protect data no matter where it resides have become essential. Moreover, integrated data protection means companies are seeking data resilience solutions that go beyond data backup and recovery to automate data protection processes including data backup, recovery, retention, reuse, and secure data retention.

Why IBM Spectrum Protect Plus on IBM cloud?

IBM Spectrum Protection Plus is a unified data resilience solution designed to work across hybrid cloud environments to minimize the cost and complexity of protecting critical data.

IBM Spectrum Protect Plus on IBM Cloud streamlines hybrid workflows with a single pane of glass to provide end to end data protection, application-consistent backup, rapid recovery, and efficient data reuse for workloads running on-premises or in IBM Cloud. IBM Spectrum Protect Plus' workload support in IBM Cloud includes VMware, Microsoft 365, Microsoft Exchange, Windows file system, and databases such as MS SQL, Oracle, Db2, and MongoDB.

IBM Spectrum Protect Plus	IBM Cloud
Can be hosted in the cloud as the **primary backup target**	✓
Can be hosted in the cloud as a **replication target**	✓
Can **back up** to cloud **object storage**	✓
Can store data to cloud **object storage** for **long term data retention**	✓
Can **protect workloads** running in the cloud	✓
Can **protect VMware** running in the cloud	✓
Can **reuse data** in the cloud (backup can be on-prem or in the cloud)	✓
Available in the **IBM Cloud catalog**	✓

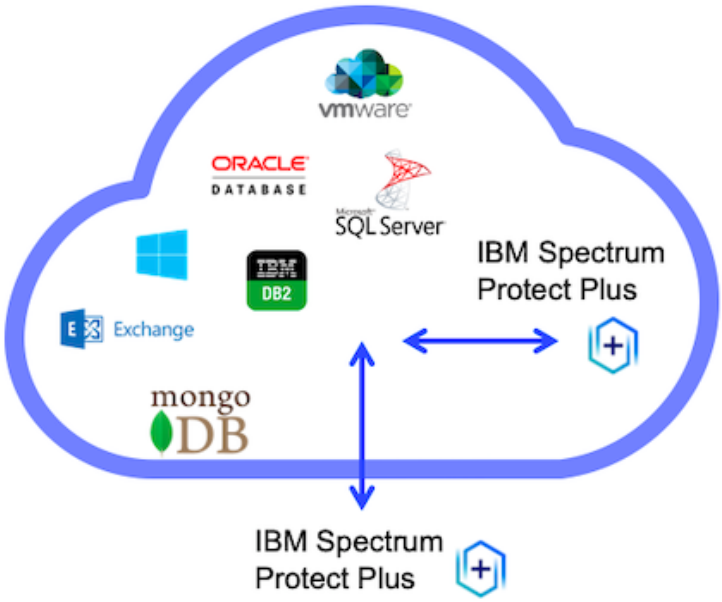
Data Resilience Capabilities

IBM Spectrum Protect Plus provides near-instant recovery, replication, reuse, and retention in hybrid cloud environments. Companies can utilize IBM Spectrum Protect Plus with IBM Cloud Object Storage and IBM Cloud WORM to offload copies for long-term storage and data governance.

Easy-to-use SLA policies give administrators control over how workloads are managed and protected. Using predefined or custom policy workflows, administrators can determine the frequency of backups and control where backups are stored. They can also establish a single set of policies that work across a hybrid environment.

IBM Spectrum Protect Plus is designed to ensure fast recovery, so companies are protected from the potential revenue loss and reputational risks related to extended downtime and operation losses. Storage efficiency features such as incremental forever backup, deduplication, and compression technologies, along with storing protected data in native format, enables both low cost from a storage standpoint and instant access for data recovery. Administrators can rapidly restore operations as well as quickly access data for multiple data reuse use cases.

A key advantage of IBM Spectrum Protect Plus is that it provides flexible deployment options; it can be deployed within IBM Cloud for an “all in the cloud” data protection experience. It can also be utilized in hybrid environments, protecting cloud workloads even if the platform is orchestrated from an on-premises infrastructure.



Hybrid cloud or all-in-the-cloud experience

To make it simple to deploy, IBM Spectrum Protect Plus is available as a supported solution in the IBM Cloud catalog . This delivery option provides access to best practices and reference architectures to optimize IBM Spectrum Protect Plus in the IBM Cloud.

As companies start their journey to hybrid cloud, they must modernize infrastructure to protect and manage data growth and cloud-based workloads. IBM Spectrum Protect Plus on IBM Cloud delivers a simplified and flexible data management foundation for companies to drive efficiencies and cost reductions while continuing to innovate.

References:

[1]IDC's Enterprise IT Infrastructure Survey, 4Q20: Insights on End-User 2021 IT Infrastructure Priorities and Adoption of Data Protection/Disaster Recovery Services and Solutions Mar 2021 - IDC Survey - Doc # US47578721

Why IBM?

IBM offers a vast portfolio of hardware, software and services, including industry-leading data storage products and solutions. Innovative technology, open standards, excellent performance, and a broad portfolio of proven storage offerings—all provided by IBM, a recognized industry leader—are just a few of the reasons to consider IBM Spectrum Protect Plus.

For more information

To learn more about IBM Spectrum Protect Plus, please contact your IBM representative or IBM Business Partner, or visit: ibm.com/us-en/marketplace/ibm-spectrum- protect-plus

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