IBM Cloud
Data Virtualization

*Capitalize on a single copy of production data
for multiple purposes*

Business benefits

- Avoid downtime in the event of a disruption

- Keep costs down and increase storage capacity by eliminating extraneous copies of production data through IBM Cloud Data Virtualization's ability to provision virtual copies of production data

- Protect critical data and help manage regulatory compliance through instantaneous snapshots

- Replicate data in native application format to an alternative data center

- Reduce recovery time of your most critical data to minutes instead of hours

- Gain a pay-as-you-use investment model for more predictable costs

What is IBM Resiliency Services Cloud Data Virtualization?

IBM Resiliency Services™ Cloud Data Virtualization helps you add resiliency to your data center plans, streamline your production environment, reduce recovery time and improve performance. This IBM service offers far more than a traditional data backup: it can provide virtually instant recovery and protection of your most critical data. The IBM Cloud Data Virtualization capability helps clients optimize storage capacity by creating a single data copy that can be virtually provisioned for other purposes. Using point-in-time data snapshot technology within a managed service environment, this service helps make data available for recovery as well as other use cases such as test and development processes, compliance, analytics and cognitive solutions. Through IBM Cloud Data Virtualization technology, organizations can eliminate the copies of production data used to feed other use cases, saving up to 50 percent of production storage assets.

Why choose IBM Resiliency Services Cloud Data Virtualization?

The costs, complexity and resources required to keep data available and accessible for multiple purposes can be staggering, even with a backup solution in place. To improve the performance of your data recovery and resiliency plan, you may want to consider new technologies whose capabilities extend beyond conventional data backup.

Service highlights

- Provides virtually instant recovery and protection of your most critical data while also keeping it available for other uses.
- Through the powerful capabilities of Copy Data Management, organizations can take storage that was being consumed by copies of data maintained to feed alternate use cases and repurpose that storage to meet growth or emerging demands for storage.
- Uses snapshot technology within a managed service environment by creating a single data copy that can be used for multiple purposes.
- Offers an operating expense (OpEx) model that can reduce the time required to deploy a new solution and eliminate up-front capital expense requirements for software and hardware infrastructures.

Technical advantages

- A virtual copy of production data with replication to a secondary site
- Deduplication can reduce the bandwidth required for replication
- Virtual copies of data available for multiple uses
- Reduced need for physical storage through use of a virtual data server
- A service that reduces the need for IT support resources
- A unified portal that provides self-service for changes to your environment
- SoftLayer and other public cloud options available
- Available as stand-alone service or with a service recovery option

Key questions to ask yourself

- Has the cost of your backup solution skyrocketed?
- Can your backup solution quickly recover and protect your most critical data?
- Does your backup solution provide actionable insight from data being maintained for recovery?
- If you declared a disaster today, could you recover your infrastructure in the timeframe that your business requires?

Solution benefits

- Reduce total cost of ownership by creating reusable copies of your critical data
- Store data more efficiently in the appliance through the use of powerful deduplication technologies
- Leverage a powerful deduplication engine, reducing the amount of data to be stored or replicated
- Improve the recovery point objective (RPO) and recovery time objective (RTO) supporting improved data availability and protection
- IBM professionals can provide a solution tailored to your data protection requirements, delivered as a managed service
- Provision virtual instances or perform restores from any snap point

About IBM Resiliency Services

IBM Resiliency Services have more than 40 years of experience delivering some of the most robust and innovative cloud-based data solutions globally. The IBM portfolio includes onsite, offsite and hybrid information protection solutions based on a scalable, on-demand architecture that helps protect critical business data, wherever it lives. IBM has a demonstrated track record with more than 100 petabytes (PB) of client data under management.

Take the next step

To learn more about the IBM Resiliency Services Cloud Data Virtualization solution, please contact your IBM representative or IBM Business Partner, or visit the following websites:

ibm.com/services/continuity

ibm.com/services/us/en/it-services/business-continuity/draas

ibm.com/services/us/en/it-services/business-continuity/cloud-data-virtualization

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