Geo-redundant storage for **Acronis** Cyber Protect Cloud

Geo-redundant storage (GRS) is a data management strategy that involves replicating and storing data in multiple geographically dispersed locations.

The goal is to enhance data durability and availability by minimizing the risk of data loss due to local disasters, hardware failures or network outages.

KEY PRINCIPLES:

- **Data replication:** Data is duplicated across multiple data centers or regions.
- **Geographic separation:** These data centers are strategically located in different geographical areas, often in separate cities or even countries.
- **Automatic sync:** Changes made to the data in one location are automatically synchronized to the others.
- **Failover mechanism:** In case of a failure or disaster at one location, data access seamlessly switches to the redundant site, ensuring uninterrupted service.
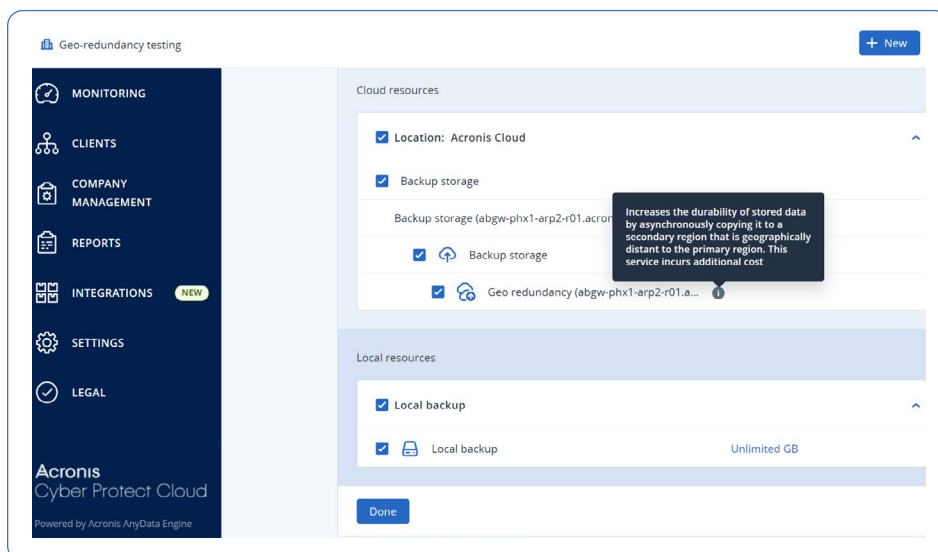
ENHANCED PROTECTION

If one data center faces an outage, your data remains accessible from another location, guaranteeing uninterrupted access.

COMPLIANCE AND SECURITY

Geo-redundant storage helps meet regulatory requirements by ensuring that data is securely stored across diverse geographic locations.

COST EFFICIENCY

Leveraging geo-redundant storage reduces the risk and associated costs of data loss, ensuring that your valuable data is always safe and accessible.

GEO-REDUNDANT STORAGE USE CASES

Prevention of data loss

With GRS, even if a primary site faces catastrophic events such as fires, floods or other natural disasters, there's a backup copy available in another geographic location.

High availability

GRS ensures that the backup data is always available. If there's an outage in one location, the data can be accessed from the secondary location, ensuring business continuity.

Regulatory compliance

Some industries and regions have strict regulations about data storage and protection. Geo-redundancy can help businesses meet these requirements by ensuring that multiple copies of data are stored in diverse locations.

Distributed risk

Concentrating all backups in one location means that any localized event could jeopardize all stored data.

Geo-redundancy enables you to leverage the 3-2-1 rule of backup, distributing the risk and ensuring that an issue in one region doesn't threaten the entirety of the backup.

WHAT MAKES ACRONIS GEO-REDUNDANT STORAGE SPECIAL

- **Turnkey solution:** No need to buy and manage additional storage; no need to configure geo-replication with third-party storage providers; and no need to manage additional vendors to ensure geo-redundancy.

- **Completeness of protection:** Unlike competing solutions, Acronis covers all customer workloads, including Microsoft 365, Google Workspace, workstations and servers.

- **Secure by design:** Encryption both in transit and at rest, storage immutability and AV scanning of archives.

Acronis Cyber Protect Cloud is the only solution that natively integrates cybersecurity, data protection and management to protect endpoints, systems and data. This synergy eliminates complexity, so service providers can protect clients better while keeping costs down.

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www.acronis.com