

JUPITER ENTERPRISE STORAGE

Jupiter Enterprise Storage powered by Acronis is a software-defined storage solution that allows you to quickly and easily transform industry-standard hardware into protected, enterprise-grade storage. Universal, cost-efficient, and scalable, it combines block, file, and object workloads in a single solution and is built on a proven architecture that has been protecting over 100 petabytes of production data in Acronis Data Centers for more than six years. It incorporates Acronis CloudRAID™ for reliable data protection and Acronis Notary™ with blockchain technology to ensure data integrity.

MANAGEMENT AND INFRA FEATURES

- ◆ **Per-workload configuration and tuning** to maximize individual application performance.
- ◆ **Single-panel, secure web management interface** with role-based access to improve IT productivity.
- ◆ **Audit log** to track all user actions.
- ◆ **Alerts** to immediately address system issues.
- ◆ Designed to **scale from gigabytes to exabytes**, allowing seamless business growth.
- ◆ Non-disruptive **on-line expansion of nodes and disk**.

KEY BENEFITS

EASY

- ◆ Enjoy a high-level dashboard, detailed performance data, and individual disk and network stats in an easy-to-use GUI.

UNIVERSAL

- ◆ Supports block, file, and object storage in a single solution.
- ◆ Integrates with all Acronis products.

COST-EFFICIENT

- ◆ Provides an attractive price and flexible reseller models to reduce costs.

SAFE

- ◆ Designed to protect against component failure and data corruption with hot, warm, and cold data using Acronis CloudRAID.
- ◆ Provides file authentication for regularity and validation purposes using Acronis Notary with blockchain.
- ◆ Encrypts data at rest using AES-256 bit encryption.
- ◆ Provides object storage geo-replication, which copies data across all data centers to provide a higher level of data protection and security.
- ◆ Includes an audit log, which provides a full list of actions and detailed descriptions.

SCALABLE

- ◆ Scales from gigabytes to exabytes to allow seamless business growth.



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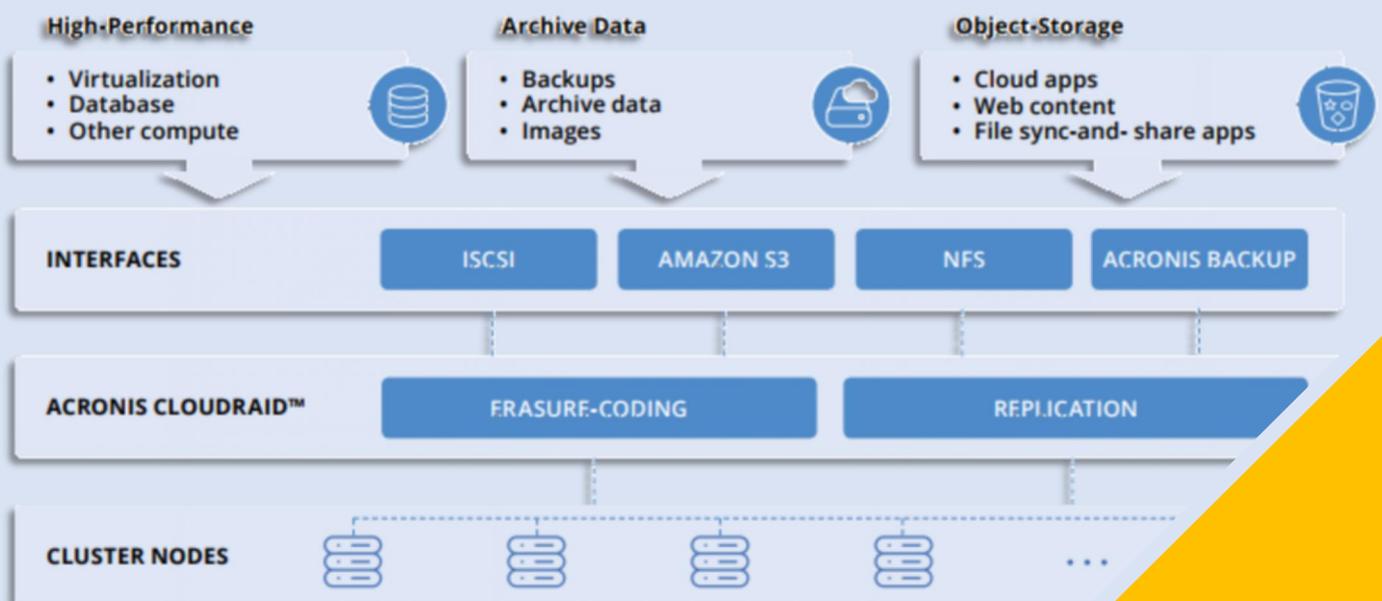


USE CASE AND WORKLOAD FEATURES

- ✓ **Archive, high-performance, and file storage** for all-in-one storage support.
- ✓ **High-performance block storage (hot data)** for virtual environments, databases, and other applications.
- ✓ **Shared (warm data) file storage** for files, backups, virtual infrastructures, and web hosting.
- ✓ **Object storage** for big data, archival data, backups, application storage, static web content hosting, and online services storage.
- ✓ **Acronis Backup Gateway** to provide seamless integration with Acronis backup products.
- ✓ **iSCSI, NFS, Amazon S3, and Acronis Backup API** are supported to ensure compatibility with applications and workflows.
- ✓ **SSD caching** to deliver maximum performance.
- ✓ **Hot plug for SSD/HHD** to increase/ decrease capacity or replace a drive without downtime.
- ✓ **Storage tiers** to optimize storage efficiency.

DATA PROTECTION FEATURES

- ◆ **Acronis CloudRAID** erasure-coding and replication to protect data even when multiple nodes fail.
- ◆ **Acronis Notary** with data in blockchain and replication to guarantee data authenticity.
- ◆ **Data encryption** at rest using AES-256 bit encryption.
- ◆ **Object storage geo-replication** to provide data access across multiple data centers.
- ◆ **Flexible number of replicas** to minimize chances of data loss.
- ◆ **Data checksumming** and scrubbing to ensure data integrity.



Acronis

For more information
PLEASE CONTACT US !