Acronis

Cyber Infrastucture Appliance

Universal, plug-n-play appliance with high-performance virtualization and software-defined storage for cyber protection in private or public clouds

GET A UNIVERSAL BUILDING BLOCK FOR ALL CYBER PROTECTION NEEDS

Acronis Cyber Infrastructure Appliance is a ready-to-use cyber protection solution that integrates proven and tested hardware and software in one easy to install and operate unit. It's never been simpler, safer or more efficient to grow by leveraging a universal and scalable Acronis Cyber Infrastructure 3.0 that combines compute, software-defined network, block, file, and object storage workloads.

WHY ACRONIS CYBER INFRASTRUCTURE APPLIANCE

With Acronis' fast and highly available appliance product, you can instantly deploy the back-end for cyber protection solutions like Acronis Backup, Acronis Backup Cloud, Acronis Files Cloud, or other applications, or use it as shared storage for general needs like documents, graphics and video files.

Now you can have one platform for multiple workloads and build any service in a private or public cloud with S3 object storage, hot or cold data storage, or file storage.

What's more, Acronis Cyber Infrastructure Appliance delivers next-gen cyber protection by incorporating Acronis CloudRAID and Acronis Notary with blockchain, ensuring data immutability and authenticity and preserving essential data and sensitive documents.

UNIQUE ATTRIBUTES

- Works optimally with other Acronis products to completely protect data — anytime, anywhere

- Incorporates Acronis Notary with blockchain to ensure data authenticity

- Offers flexible licensing so you can choose either a CAPEX or OPEX model

TOP BENEFITS

- Easy to procure. You don't need to select, test, and order various hardware components and software

- Fast time to market. Plug-n-play appliance that fits your data protection services offering

- Universal Solution. Supports virtualization, software-defined networking, file, block and object-based storage in a single, easy-to-use solution that covers all use-cases and scenarios

- Proven and future-proofed. Leverages the Acronis AnyData engine, which has already been in use for 15 years

INNOVATIVE CYBER PROTECTION PLATFORM

Work knowing your data is always safe, accessible, private, authentic and secure.

- Safeguard your data with Acronis CloudRAID erasure-coding and replication that uses data checksumming and scrubbing with automatic storage self-healing

- Guarantee data authenticity with Acronis Notary's blockchain-based certification

- Secure and isolate networking via VXLAN encapsulation, which is based on distributed virtual-switching technology

HIGH AVAILABILITY AND RESILIENCY

Eliminate downtime and avoid data loss no matter what happens by leveraging a solution with multiple, advanced technologies built-in.

- Protects data even if two nodes fail using a compact five-node cluster – it leverages Acronis CloudRAID erasure-coding and replication technology

- No single point of failure: Hot-swappable data disk drives, two hot-swappable power supplies,

- Streamlines patching of a running Linux kernel using ReadyKernel™, so you don't need to reboot even if you need to apply a critical patch

EASY

Minimize IT workloads easily using built-in management and monitoring tools.

- Leverage an easy-to-use GUI with both a high-level dashboard and detailed performance data as well as individual disk and network stats

- Monitor nodes, disks, network, latency, performance, storage services, virtual machines and more from a single pane

EFFICIENT

Maximize productivity, lower operation costs and enable growth using just one solution.

- Works out-of-the-box, avoiding hours spent assembling, installing and configuring software

- Speeds up business planning – it's an all-in-one solution with costs you can control given clear, fixed, per-GB pricing

- Saves space, using only 3U for a five-node cluster

UNIVERSAL

Get integrated support for many workloads, use-cases, storage types and APIs.

- Integrates seamlessly with Acronis backup products via the Acronis Backup Gateway

- Covers all use-cases and scenarios with virtualization and software-defined network, block, file and object storage available in a single solution

- Ensures compatibility with applications and workflows – you'll benefit from out-of-the-box support for NFS, iSCSI, Amazon S3 and Acronis Backup API

GREAT PERFORMANCE

Improve performance, scalability and high availability with state-of the-art features built-in:

- Experience up to five times faster storage than Ceph on the same hardware

- Achieve ideal hardware performance with integrated SSD caching, automatic load balancing, parallel replication

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