

Hitachi Content Platform

An intelligent content-based storage solution, Hitachi Content Platform provides multitenant, multitier, multipurpose storage for a wide range of unstructured content. Hitachi Content Platform allows organizations to securely segregate data and provide different features and levels of service for varied data sets from a single storage platform that does not require tape backup.

Enable Content-focused Storage

Hitachi Content Platform is a mature, object-based storage solution with features and capabilities that enable intelligent, content-focused storage. Hitachi Content Platform abstracts away the detail of the underlying storage system (Hitachi Virtual Storage Platform, Hitachi Universal Storage Platform® V or VM, Hitachi Adaptable Modular Storage or other systems) and presents a common distributed object view to both the user and the application.

Most significantly, Hitachi Content Platform eliminates the need for a siloed approach to storing unstructured content and can significantly reduce or even eliminate the need for tape-based backups. With massive, nondisruptive scalability, multiple storage tiers, Hitachi reliability, secure multi-tenancy and configurable attributes for each tenant, IT administrators can support a wide range of applications on a single cluster.

Multitenant, Multitier, Multipurpose Storage

Multitenancy and namespace features as well as the ability to support multiple tiers of storage enable the creation of secure, logical storage partitions. These “virtual content platforms,” with unique performance, protection, access and other attributes, are generated from a single point of management and serve a wide range of use cases, including:

Data Management

- Store and preserve; enable long-term storage for corporate governance.
- Provide for long-term file integrity and access along with authentication and retention enforcement.
- Consolidate content from branch and remote locations.
- Protect and secure content for long-term preservation; content is continually checked throughout its retention period for integrity.

- Set retention and disposition services.
- Rapidly retrieve authenticated content through integrated search or independent software vendor (ISV) search functionality.
- Reduce storage consumption with single instancing, version control and compression.
- Accommodate the infrastructure changes that will occur over the life of the archive without disruption and without compromising content integrity.

Data Protection

- Reduce backup times and data volume.
- Speed and improve the accuracy of recovery.
- Eliminate tape backups at branch and remote locations.
- Enjoy high reliability with replication and dynamic data protection levels (DPL).
- Leverage interoperability with IBM, Symantec, CommVault and more.
- Employ tape for deep archiving.

Cloud

- Adopt new storage capacity and technologies without stopping or disrupting operations.
- Leverage the advanced capabilities of the platform with legacy applications and at distributed locations via Hitachi Data Ingestor.
- Recognize revenue and allocate cost with help from built-in chargeback capabilities.

Broad Application Support

The variety of protocols available with Hitachi Content Platform enables a wide range of applications to leverage the benefits of object storage. With support for CIFS, NFS, HTTP, REST, Symantec Enterprise Vault Streamer, WebDAV and more, Hitachi Content Platform will work with the applications in place today and those coming in the future. By combining a diversity of protocols with multitenancy and support for multiple storage types, multiple applications can run on a single Hitachi Content Platform. This makes storage easier to manage and spreads the cost of storage across multiple applications.

Summary

Hitachi Content Platform is a feature-rich, multipurpose content storage solution with the security, scale and broad application support to enable multiple workloads in one cluster. Hitachi Content Platform provides the features and functionality to improve delivery of a wide range of IT services. By doing away with the complexity of mixed storage environments without sacrificing the ability to leverage 3rd-party resources, Hitachi Content Platform helps organizations get the most out of their storage investments. It prepares the storage environment to stay agile as demands on IT grow in scope, complexity and cost.

SPECIFICATIONS

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System Overview	RAIN architecture Appliance model provides embedded storage per node Easy to deploy
Scalability (usable capacity)	DPL2 recommended configuration: scales from 4TB to 84TB DPL1 single data copy RAIN: scales from 8TB to 140TB*
Supported Hitachi Storage	Embedded storage within the Hitachi Content Platform appliance 6 x 8.89cm (3.5 in.) 7.2K SATA hot pluggable drives (size varies depending on configuration)
Memory	4GB
Processor	2GHz Intel Xeon Quad Core
Supported Protocols	CIFS, NFS v3, HTTP v1.1, WebDAV, SMTP, NDMP v4, REST

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System Overview	SAIN architecture Offers maximum flexibility, performance and scalability Highly scalable solution that leverages Hitachi storage options
Scalability (usable capacity)	40PB
Supported Hitachi Storage	Hitachi Virtual Storage Platform Hitachi Universal Storage Platform® V Hitachi Universal Storage Platform VM Hitachi Adaptable Modular Storage Hitachi Workgroup Modular Storage
Memory	12GB
Processors	2x 2GHz Intel Xeon Quad Core
Supported Protocols	CIFS, NFS v3, HTTP v1.1, WebDAV, SMTP, NDMP v4, REST

* Should be used in conjunction with Hitachi Content Platform replication. Consult your sales professional to fully understand the data availability and protection profile of single data copy RAIN.

In addition, Hitachi Data Systems and its partners have connected in the marketplace to deliver storage solutions based on combined capabilities. Our relationships with a broad range of partners, including direct integration with Microsoft, CommVault, IBM and Symantec, foster the creation and delivery of integrated approaches. Together, we solve problems in performance, protection

and access to business-critical information assets. And in our joint efforts, we uphold the high quality and reliability standards that customers have come to expect from Hitachi Data Systems. A complete list of Hitachi Data Systems Technology Partners is available at <http://www.hds.com/partners/technology-partners/>.

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