

Hitachi Command Director Software

Hitachi Command Director software provides centralized reporting and management of Hitachi storage environments with comprehensive business application views and integration of key performance and capacity statistics from across the Hitachi Command Suite.

Centralize Storage Reporting and Management, Ensure Application Service Levels Are Met

IT organizations spend a considerable amount of time and effort to develop tracking processes that correlate storage resources back to the respective business applications that rely on them. Without accurate storage reporting, there are no assurances that application service levels are being met and the effectiveness of storage management practices is limited.

A wide range of statistics is required for comprehensive storage resource management, including: storage configurations, performance, capacity, tier, policies and paths. Usually, this information is collected and stored across several management tools without an easy way to combine and analyze all the relevant information in an integrated manner.

Hitachi Command Director software provides complete reporting of Hitachi storage environments by enabling users to easily group storage resources by hosts, applications and business unit perspectives. Users can monitor and interpret management data from across the Hitachi Command Suite to properly tune their Hitachi storage systems for optimal performance. With centralized

monitoring and management of storage configurations, performance and tiers, organizations can easily define storage management policies, align their storage assets with critical business applications, and simplify business application-to-storage reporting.

With Hitachi Command Director, host discovery for both allocated and utilized capacity reporting can be provided without the use of host-based software agents. Even in virtualized server environments, virtual machines are correlated back to their respective data stores and logical storage devices (LDEVs) on the Hitachi storage system.

Hitachi Command Director facilitates the 3D management approach from Hitachi Data Systems. It provides customized dashboards for real-time monitoring of key storage performance indicators by business application, such as: I/O, reads and writes, response times and utilized capacity. By verifying application-based storage service level objectives are being met, policy-based storage tier management can be implemented to enable the rapid modification of the storage environment for changing business requirements.

Hitachi Command Director simplifies the monitoring and management of Hitachi storage infrastructures by using a shared reporting platform across Hitachi storage management applications to fully leverage existing IT resources and maximize return on storage investments.

Business Benefits

Easily Align and Monitor Storage Assets with Business Functions

- Hitachi Command Director simplifies monitoring of storage assets correlated back to their respective business applications and functions.
- Customize dashboards of business applications and related storage resources for enterprise-wide monitoring and reporting needs

Improve Utilization of Storage Assets

- Hitachi Command Director correlates the reporting of storage capacity allocations and utilizations without the need for host-based agents to minimize unnecessary storage purchases and improve return on storage investments.
- Provide reporting on current and historical storage performance by applications, business functions and storage tiers for implementation of policy-based management and improved storage planning

Monitor Business Applications for Adherence to Storage Service Levels

- Hitachi Command Director proactively monitors compliance of storage service levels for mission critical business applications.
- Define storage service level objectives by application based on detailed capacity and performance metrics

Detect Problems Early to Avoid Storage Performance Bottlenecks

- Hitachi Command Director will monitor overall storage system health based on best practice rules to detect problems early and reduce the likelihood of any downtime.
- Provide a consolidated view of your Hitachi storage environment by aggregating key performance and capacity indicators from across the Hitachi Command Suite of products

FEATURE HIGHLIGHTS

- Create real-time dashboards for monitoring the health of the storage environment
- Create custom business views of applications and business functions with their respective storage groups and resources
- Define and measure policy-based management for storage tier, capacity and performance
- Monitor and report on key storage capacity and performance indicators by applications and business entities
- Customize storage management reporting with historical trends to enable accurate capacity and performance planning
- Define storage service levels for critical business applications, such as allocated/ utilized capacity, maximum/average logical device (LDEV) response times, and read/write response times
- Report and provide alerts on application-based storage service levels and overall storage system health
- Investigate application service level violations to identify and troubleshoot potential performance bottlenecks
- Correlate virtual machine to storage LDEV reporting for both VMware and Microsoft® Hyper-V™ server environments
- Support all Hitachi storage environments

Hitachi Command Director management server is supported on the following operating systems:

- Microsoft Windows®: Windows Server® 2008 for all editions (64-bit), R2 (64-bit); Windows Server 2003 for standard, enterprise, and data center editions (32-bit), R2 (64-bit)
- Sun Solaris: Solaris 10 SPARC

Hitachi Data Systems Corporation

Corporate Headquarters

750 Central Expressway
Santa Clara, California 95050-2627 USA
www.hds.com

Regional Contact Information

Americas: +1 408 970 1000 or info@hds.com
Europe, Middle East and Africa: +44 (0) 1753 618000 or info.emea@hds.com
Asia Pacific: +852 3189 7900 or hds.marketing.apac@hds.com

Hitachi is a registered trademark of Hitachi, Ltd., in the United States and other countries. Hitachi Data Systems is a registered trademark and service mark of Hitachi, Ltd., in the United States and other countries.

All other trademarks, service marks and company names in this document or website are properties of their respective owners.

Notice: This document is for informational purposes only, and does not set forth any warranty, expressed or implied, concerning any equipment or service offered or to be offered by Hitachi Data Systems Corporation.

© Hitachi Data Systems Corporation 2010. All Rights Reserved. DS-089-C DG September 2010