storsimple

Appliance Management Console

I/T organizations are constantly looking for new and unique ways of reducing complexity and simplifying operations. StorSimple's appliance family provides the ability to seamlessly use cloud storage as on-premises data center storage, and the StorSimple Management Console was designed to ensure with the principle of "simplicity first" to streamline configuration and deployment, minimize operational burden and costs, and provide the visibility necessary to understand how your system is operating and the value provided. The StorSimple Appliance Management Console is integrated in the StorSimple appliance and does not require additional hardware or software.

FIGURE 1. STORSIMPLE'S APPLIANCE MANAGEMENT CONSOLE

Key Features and Benefits

The following are the key features and benefits of StorSimple's appliance management console.

FEATURE	BENEFIT
SIMPLE END-TO-END STORAGE MANAGEMENT	StorSimple's management console provides a streamlined experience for configuring, managing, monitoring, protecting, and troubleshooting data center and cloud storage including all functions that would normally require multiple devices and multiple management consoles in traditional storage environments: - Primary storage - Archival storage - Backup and data protection storage - Disaster recovery The management console was designed to support production deployments of an appliance within 10 minutes without compromising on the features and functionality necessary to manage an enterprise-class block storage device.
INITIAL SETUP WIZARD	Initial configuration of the appliance is done through an easy-to-use, guided 6-step setup wizard, offering you the ability to configure each of the necessary system items to begin using your appliance. Additionally, the setup wizard allows you to quickly perform device replacement functions using configuration restore should you need to replace an appliance.
INTUITIVE SYSTEM DASHBOARD	The management console experience begins with an intuitive system dashboard that provides an at-a-glance view of capacity utilization, IO operations per second, and links to common tasks to help you quickly reach the area of the management console that you need to use.
OPTIMIZED CONFIGURATION WORKFLOWS	Configuration of storage-related elements such as cloud storage service accounts, volume access groups, and volumes are optimized and well organized to virtually eliminate confusion during the configuration process.
INTEGRATED DIAGNOSTICS AND ALERTING	The management console includes integrated diagnostics that automatically perform validation of the system's configuration to ensure that there are no conditions that may impact optimal system performance. In addition, the integrated diagnostics provides guidance and recommendations on what steps to take to remedy any such condition. Further, StorSimple's management GUI automatically alerts you when hardware or software issues are encountered including hardware status, capacity consumption, cloud access, upgrade status, appliance restart, controller failover, or hardware failure.
POWERFUL REPORTING	To ensure you are able to see exactly how the appliance is operating, the management console includes powerful reporting capabilities that cover virtually every aspect of the system. Reports are configurable using context-specific filters for each report. Additionally, reports can be exported into a printer-friendly format. Reports provided in the appliance manage console include: - **COST SAVINGS AND ROI:** Helps you understand the cost savings and return on investment provided by using StorSimple compared to traditional storage - **CAPACITY UTILIZATION:** Including host data managed by the appliance (before and after deduplication and compression), amount of data stored in cloud storage services, deduplication ratio, and utilization of storage integrated within the appliance - **STORAGE STATISTICS:** Including IOPS, I/O latency, and read/write bytes over time - **SYSTEM STATISTICS:** Including network throughput and CPU utilization
SIMPLE DATA PROTECTION MANAGEMENT	The StorSimple appliance management console allows you to configure data protection policies for storage volumes configured on the appliance, and supports Windows, VMware, and Linux environments. The appliance management console provides support for configuration of on-appliance snapshots, Cloud Snap, and Cloud Clones. Backups can be taken interactively or through scheduled policies. Self-service restores and volume cloning can be performed to support point-in-time data recovery.
EASY DEVICE REPLACEMENT	The management console allows you to take a backup of the device configuration, which can be used for restoration purposes should you need to replace your appliance due to device failure, and also facilities simple disaster recovery solutions when coupled with Cloud Snaps or Cloud Clones.
ENTERPRISE-GRADE MANAGEABILITY	The StorSimple appliance management console supports enterprise-grade manageability features including support for multiple local or Active Directory user accounts, user audit logs, system logs, log exports, configuration backup and restore, configuration import, SNMP v1/v2c platform monitoring and network status alerting, and email call-home upon status change of any system component.

ABOUT STORSIMPLE

StorSimple is a leading provider of application-aware, cloud-enabled primary and secondary storage solutions. StorSimple's vision is to help I/T organizations solve business-impacting application-specific storage challenges for high-growth applications while enabling seamless integration of cloud storage technologies to leverage simplified, streamlined, lower cost, and lower complexity data management and data protection architectures.

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