

Smart Automation Manager for Hitachi



Why SAM4H?

Do you currently have or plan to acquire Hitachi Block Storage Systems in your data center but want to avoid spending excessive time managing them? If your answer is “yes,” keep reading to discover how SAM4H provides a streamlined and sophisticated solution for managing Hitachi Block Storage Systems.

One Tool fits all Customer Needs

No matter how big or small your Storage System landscape is, no matter how complex or simple your data objects and replications are, no matter how experienced your storage management team is, you will quickly appreciate how easy and actually fun it is to manage your Hitachi Block Storage Systems with SAM4H. Promised.

Rules-based Storage-Management

With SAM4H, you can define storage services using templates stored in its database. This rules-based management approach ensures consistent application of these templates during operational tasks, such as creating and mapping LUNs or managing snapshots and replications, all powered by the SAM4H automation engine.

Integrated Automation Engine

The SAM4H engine understands every atomic step and the correct execution order needed to create both simple and complex objects and replications, including the most advanced secure snapshots supported by the latest generation of Hitachi Block Storage.

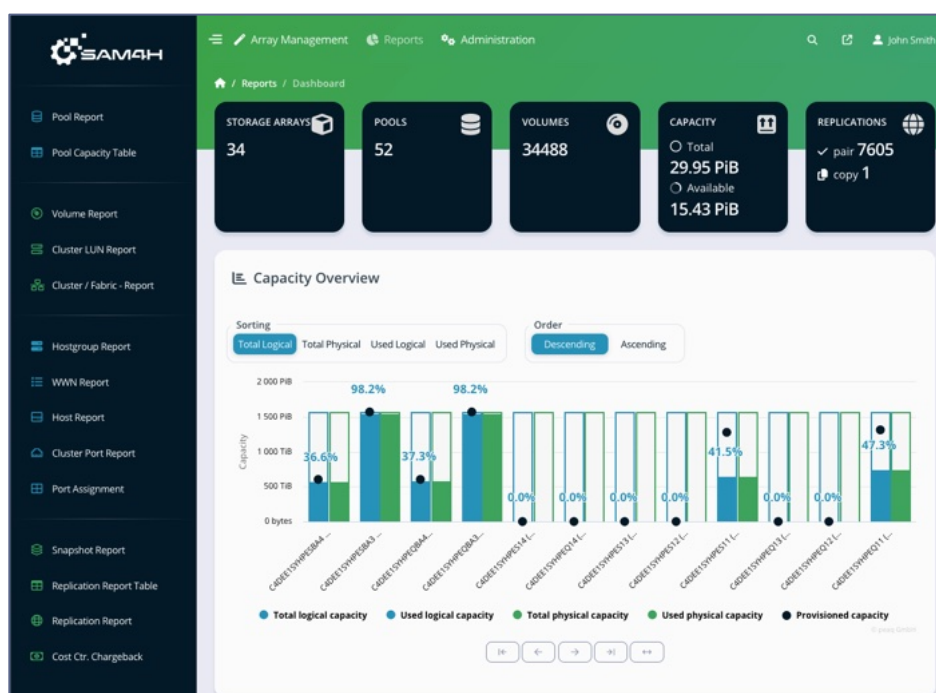
Hide Complexity – shine with Ease-of-Use

This way SAM4H encapsulates the complexity of storage system features and functionalities, making them easily accessible through a single,

user-friendly graphical interface. This interface enables users to perform daily operational tasks without requiring expert-level storage knowledge.

Key Features and Functionalities

Now that we understand how easy it is for everyone to manage the most complex storage objects and the most advanced replications for Hitachi Block Storage using SAM4H let's have a look at its high-level features and functionalities list.



- Onboarding Wizard
- Volume Management
- Hostgroup Management
- Replication Management
- Snapshot Management
- REST API
- GAD Resync Wizard
- Multitenancy
- Reporting
- Auditing
- Capacity Consumption Reporting

Hitachi's latest snapshot features enabling you to manage your snapshots in an elegant way.

Ransomware Protection

Ransomware attacks have become a reality every data owner can potentially be faced with. Protecting your data from ransomware attacks has become a high priority. SAM4H

that. Its integrated GAD resync wizard ensures you will reestablish the replication configuration to the exact state just before the incident occurred.

Multitenancy Support

If your storage customers ask you for more flexibility and independence multitenancy support is the path to go. SAM4H lets you assign groups of servers to dedicated user groups like database users or server administrators allowing them to assign a limited and controlled amount of capacity.

Fast installation and upgrades

Tired of cumbersome, time-consuming installation marathons? SAM4H not only excels with the highest execution speed for storage management tasks. Installing and upgrading SAM4H is guided by a wizard and takes less than an hour. Actually, half an hour.

Low Infrastructure Footprint

The best tool in the world is only worth half its value if it is too slow or needs too many resources to perform. SAM4H boasts a minimal infrastructure footprint while delivering exceptional performance. Sounds unbelievable? – Try it yourself!

Request your Demo License

Eager to experience next generation storage management for Hitachi Arrays? Contact us for a demo license for your lab.

About peaq

peaq GmbH has been a trusted Hitachi partner for 25 years, serving over 70 active customers in 8 countries. We specialize in delivering top-tier Hitachi block storage management solutions, empowering organizations of all sizes to get the most out of their Hitachi storage arrays!

Find out more at www.peaq.ch



REST API

SAM4H helps you fully automate your storage management tasks. Don't waste time and money buying a higher-level automation engine and develop and test all the low-level tasks yourself. Rather connect your higher-level automation tool with SAM4H's REST API and let SAM4H execute your low-level tasks for you: ready – tested – fast and reliable.

Snapshots

Snapshots are undisputably today's most important data-protection and backup technology using near-instantaneous, simple and reliable data-copying mechanisms. SAM4H offers an easy-to-use interface to

leverages the latest Hitachi Snapshot technologies (secure snaps) to provide state-of-the-art, easy to handle, safe and secure protection of your most valuable asset – your data.

GAD Resync Wizard

GAD is the top rank amongst today's synchronous data replication protocols. Sometimes, however, when your infrastructure gets severely damaged by lightning, flooding or similar dramatic impact you may lose a whole data center and need to resync your GAD mirrors to the state just before the incident happened.

In such a situation you wish you had a bullet-proof procedure to keep downtime and risk of data loss at the very minimum. SAM4H does exactly