

HPE Smart Storage Administrator



What's new

- HPE Secure Encryption – a controller-based data encryption solution for HPE ProLiant Gen8 servers that protects data at rest on any bulk storage attached to the HPE Smart Array Px3x controller.
- SSD Over Provisioning Optimization – optimizes Solid State Devices by de-allocating all used blocks before any data is written to the drive.
- Rapid Rebuild Priority - determines the urgency with which the controller treats an internal command to rebuild a failed logical drive. There are 4 settings: low, medium, medium high, and high.
- Auto RAID 0 – creates a single RAID 0 volume on each physical drive

Overview

Do you need a quick and efficient method for the setup, configuration, and management of the storage controllers in your HPE ProLiant server?

HPE Smart Storage Administrator (HPE SSA) offers a single interface that quickly sets up, configures and manages the HPE Smart Arrays controllers and the HPE SAS Host Bus Adapters (HBA). With HPE SSA, you can also configure the cryptographic features of HPE Secure Encryption, enable HPE SSD Smart Path and create different optimization and priorities associated with the drives and controllers.

It replaces the HPE Array Configuration Utility (ACU), and has an updated design for HPE ProLiant servers that enhances the storage experience. It will expose new features and functionalities for various Smart Storage initiatives as they become available.

specified, enabling the user to select multiple drives and configure as RAID 0 simultaneously.

Features

Simplify Deployment, Configuration, and Management

One common console to control and run your DAS environment on all current generations of HPE ProLiant servers

Can be deployed to one server or multiple servers in your environment

HPE SSA scripting capability for customizable configuration that can be deployed to multiple servers

Monitor and Diagnose potential problems

Reports and measures progress of rebuilds, surface scans, parity initialization, and other activities

Supports HPE SmartSSD Wear Gauge reporting. This benefits users by monitoring their usage of Solid State Drives (SSD) and notifies them of the estimated remaining life of the drive, based on the current workload.

Expand capacities, Enhance data protection, Optimize performance

Expands storage capacity in an array or change RAID levels

Deploys and manages HPE Secure Encryption, a data protection solution

Enable HPE SSD Smart Path to improve Solid State Drive (SSD) read performance by bypassing the Smart Array firmware for the optimal performance path to the SSD

Creates and sets up HPE SmartCache to accelerate certain application performance

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

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[For additional technical information, available models and options, please reference the QuickSpecs](#)

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Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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