

# Confidently deploy your group and corporate file shares

## HPE 3PAR File Persona Software

Easy user collaboration and file data distribution with effective data governance and protection.

### Efficient: Improve your primary storage efficiency

- One-third the data center footprint and significant power savings
- One converged capacity eliminates wasted block or file space reservation

### Effortless: Simplify your storage deployment and administration

- Autonomic provisioning of all capacity
- Single, simple, and streamlined administration of block, file, and object access

### Bulletproof: Deploy your file shares with confidence

- Resilient Mesh-Active architecture
- Mission-critical proven HPE file system

## Challenge

### Cumbersome collaboration impacting workforce productivity and business agility

With an increasingly mobile and distributed workforce, users more than ever before need to be able to easily share their business documents, images, audio, and videos with one another in order to be productive. Organization functions also need a straightforward way to provide large numbers of users with access to common sets of files such as software installation binaries and reference information while avoiding the inefficiencies of storing multiple copies. IT needs a solution that enables easy user collaboration and efficient distribution of files while ensuring that data is effectively protected, secured, and controlled—all with minimal cost and effort.

## Group and corporate shares

### Efficient collaboration and data distribution with protection and security

Group shares provide shared file access to authorized users to easily collaborate with one another while making sure that data is effectively secured and controlled. Corporate shares typically provide organization-wide read-only access to reference information or application software installation files.

## Truly converged storage for group and corporate shares

HPE 3PAR StoreServ is highly efficient, flash-optimized storage engineered for the true convergence of block, file, and object access. HPE 3PAR Operating System and converged controllers incorporate multi-protocol support into the heart of the system architecture. This unique solution delivers tightly integrated, truly converged storage for provisioning both block volumes for server workloads and file and object shares for client workloads such as group and corporate shares—efficiently, effortlessly, and without compromise.

### HPE 3PAR File Persona

HPE 3PAR File Persona Software is a feature of the HPE 3PAR OS that enables a rich set of file protocols and core file data services on a converged 3PAR StoreServ Storage. Unlike other solutions, this truly converged solution extends the architectural benefits of HPE 3PAR StoreServ Storage for primary storage workloads using its default Block Persona to home directory consolidation, user and group shares, content management and collaboration, custom cloud applications, data preservation and governance and in a way that is simple to deploy and administer.

## Simplify group and corporate shares

HPE 3PAR File Persona Software simplifies group and corporate shares by supporting a broad range of user authentication services and client operating systems including Microsoft® Windows®, Apple OS X, and various brands of Linux® and UNIX®. Integration with Microsoft-based IT environments is enhanced through support for Access-based Enumeration, Folder Redirection, Offline Files, roaming user profiles, the Microsoft Management Console and DFS-Namespace.

### Workforce productivity all the time

High availability is built into the core of the HPE 3PAR File Persona and Mesh-Active system architecture of HPE 3PAR StoreServ Storage to enable workforce productivity all of the time. This is enhanced by support for the transparent failover of client connections to group and corporate shares via the included latest generation of file protocols to make sure users can almost continuously access data even in the event of a storage controller failure.

### Simplified data protection with confidence

HPE 3PAR File Persona simplifies data protection for users and administrators alike. Antivirus scan services provide integration with third-party antivirus software for a malware free environment. User-driven file recovery from point-in-time file store snapshots empowers users to effortlessly restore deleted and previous versions of files without requiring administrator intervention. Replication and disaster recovery via HPE 3PAR Remote Copy protects against site failures. Share-based and Network Data Management Protocol (NDMP)-based backup of user data and configuration information provides additional protection.

## Improved IT control and data security

By taking advantage of the included user and capacity quota policies and quota management, IT can better control the growth of user-generated data. For improved security, HPE 3PAR File Persona makes sure that users can only view the subset of directories and files stored on the centralized network storage that they are actually authorized to access. Moreover, the group and corporate shares can be backed by the Federal Information Processing Standard (FIPS) 140-2 certified HPE 3PAR StoreServ Data-at-Rest Encryption using self-encrypting drives as an optional additional measure to prevent unauthorized data access.

## Effortless provisioning and administration

Truly converged storage management is provided by the single, streamlined HPE 3PAR StoreServ Management Console and powerful, scriptable HPE 3PAR Command Line Interface (CLI) and programmatic WSAPI interface. This simplifies the provisioning and administration of block volumes for server workloads and file and object shares for client workloads. Storage administrators can effortlessly manage their group and corporate shares environment from the file shares themselves to the snapshots for user-driven file recovery, antivirus scan services, and quota management.

In comparison to other so-called unified systems, HPE 3PAR StoreServ Storage with HPE 3PAR File Persona is twice as easy to provision and twice as easy to monitor in one-third the data center space.

## Achieve greater storage efficiency

HPE 3PAR File Persona improves storage efficiency through its use of truly converged controllers that require as little as one-third the data center space as other so-called unified systems, truly agile capacity, and key data compaction innovations of HPE 3PAR StoreServ Storage such as built-in zero detection and industry-leading HPE 3PAR Thin Provisioning and HPE 3PAR Thin Persistence. With the addition of HPE 3PAR Adaptive Optimization and HPE 3PAR Dynamic Optimization software, you can extend granular performance and capacity efficiency to your consolidated home directories in addition to your block workloads.

Overall, HPE 3PAR StoreServ Storage addresses a broad spectrum of server workloads via the default Block Persona and client workloads such as group and corporate shares via the optional HPE 3PAR File Persona—efficiently, effortlessly, and without compromise.

Learn more at  
[hpe.com/storage/3parfilepersona](http://hpe.com/storage/3parfilepersona)



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