



HP 3PAR StoreServ Data Migration Package Service

Simplify your data migration to HP 3PAR StoreServ Storage



Insight into packages

- Data migration services speed your move to HP 3PAR StoreServ Data Migration Service.
- Packaged offerings align to your business needs.
- Five-step process takes you from planning to verification.

Data migration simplified

Available in convenient packaged offerings, the HP 3PAR StoreServ Data Migration Service provides a flexible means of migrating your organization's critical data safely—with minimal impact to your operation.

Leverage HP's depth of technical capabilities, and industry experience, combined with proven migration methodologies, to help you increase OPEX and CAPEX savings and accelerate your transition to HP 3PAR StoreServ Storage.

Choose from three data migration services packages

The HP 3PAR StoreServ Data Migration Service offers several online and offline options for migrating your data to align to your organization's requirements, budgets, and timelines. This service is available in three different levels. Each level of service allows you to focus on a specific number of identified hosts, and the data to be migrated to your new HP 3PAR StoreServ platform. Plus, an HP data migration specialist provides on-site consulting during migration.

HP data migration packages:

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|-------|---|
| 10-5 | Migrate up to 10 TB and up to five hosts with one on-site cutover event over a 30-day period |
| 20-10 | Migrate up to 20 TB and up to 10 hosts with two on-site cutover events over a 40-day period |
| 40-20 | Migrate up to 40 TB and up to 20 hosts with three on-site cutover events over a 45-day period |

Data migration deliverables

- **Project plan** – High-level project plan with project schedule, in-scope servers, and rolled-up migration tasks with owners.
- **Remediation report** – Document necessary in-scope servers and storage area network (SAN) upgrades to achieve a supported configuration with the new target HP 3PAR array.
- **Block-level data migration design** – Logical unit number (LUN) mapping document providing the one-to-one mapping of source array LUNs to the target HP 3PAR array.
- **Block-level data migration playbook** – Migration methodology playbook outlines process flow involved in each of the migration methods.
- **Block-level data migration execution** – HP partners with your team to execute the migration and cutover to the target HP 3PAR array.

Service recommendation

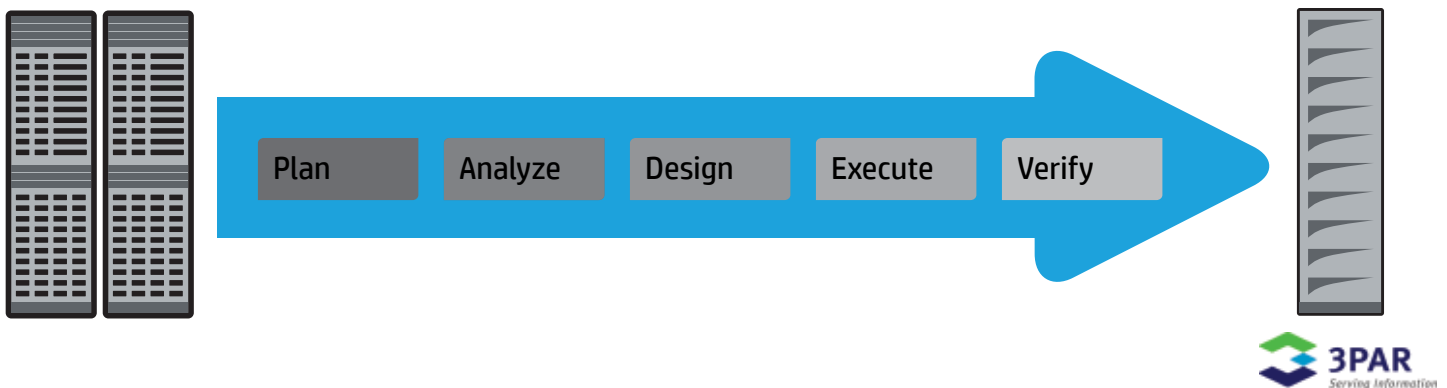
HP 3PAR StoreServ Data Migration Service excludes required HP 3PAR Storage Installation and Startup Services purchased separately. You should always consider purchasing an HP Data Migration Service in conjunction with Installation and Startup Services for all HP storage products. Joining these two services together helps ensure your storage investment is properly integrated into your existing environment and your data is migrated successfully.

Service process

Accelerate the data migration process

HP consulting will partner with your team to execute data migration in a five-step process:

- **Planning phase** – HP assists your team to determine the proposed schedule to complete the migration successfully.
- **Analysis phase** – HP analyzes the in-scope servers and source environment, then documents the remediation requirements.
- **Design phase** – HP identifies the appropriate migration methodology and source to HP 3PAR mapping.
- **Execution phase** – HP configures the necessary migration tools and executes the methodology for data migration from source to HP 3PAR array.
- **Verification phase** – You verify proper operation of your application(s), and the HP team removes the original storage from the server.



Service advantages

You determine which production and/or non-production hosts to migrate to HP 3PAR storage. An HP data migration engineer will be on-site during the migration cutover window. Whether you want to focus data migration efforts for critical production systems, or learn the process to complete additional systems yourself, this service provides you the flexibility to accomplish your migration to HP 3PAR so you can:

- Accelerate time-to-solution, resulting in a better return on investment of your storage investment
- Minimize risk through use of proven methodologies and experienced HP storage professionals
- Identify interoperability risks and recommended remediation
- Minimize impact to your operation by keeping staff focused on day-to-day responsibilities
- Reduce business risk and project costs by having access to HP specialists

Service requirements

HP 3PAR StoreServ Data Migration Service is limited to:

- One data center location
- One target HP 3PAR destination array

Note: Network attached storage (NAS), iSCSI data, and direct attached storage migrations are not included in this offering.

Activities such as—but not limited to—the following are excluded from this service:

- Resolution of hardware-related problems encountered during the verification testing process, unless covered by an active HP warranty or an applicable HP Hardware Support agreement
- Required remediation to attached hosts, operating systems, host bus adapters (HBAs), switches, or source arrays
- Application integration or integration of third-party products, backup testing, custom scripting, or peripherals
- Any services not clearly specified in this document or in an associated statement of work (SOW)

Other general exclusions and provisions:

- The HP migration team will select migration tools or appliances appropriate for the migration and propose to the customer.
- Scheduled delivery of services will be coordinated between the HP Project Manager and customer.
- HP requires a minimum of 10 business days from receipt of the signed SOW and authorized purchase order to commence services.
- An HP Project Manager must approve any services provided outside of HP standard business hours.
- HP reserves the right to charge over and above the service package pricing, on a time and materials basis, for any additional work required to address service prerequisites or other requirements that are not met by the customer.
- HP's ability to deliver this service is dependent upon the customer's full and timely cooperation with HP, as well as the accuracy and completeness of any information and data the customer provides to HP.
- Data cloning (business copies) or data replication (remote copies) implementations and integrations are excluded from this service.

Customer responsibilities

The customer will:

- Provide the necessary information and outputs to HP to complete the service.
- Assign a Customer Project Manager who will grant all approvals, provide information, act as the primary contact throughout the project, authorize to sign reports, project changes, and acceptance of deliverables, and otherwise be available to assist HP in facilitating the delivery of this service.
- Purchase or provide all hardware, software, licenses, staff, current maintenance contracts, and environments necessary for HP to provide these services.
- Provide a suitable work area for delivery of the service, including access to an outside telephone line, power, and any network connections required.
- Adhere to licensing terms and conditions regarding the use of any HP service tool, or original manufacturer software used to facilitate the delivery of this service, if applicable.
- Allow HP full and unrestricted access to all locations where the service will be performed.
- Ensure participation of the customer's IT storage administrator, database administrator, and other selected staff to discuss business/operational objectives and any special requirements, as well as validate the environment after the migration is completed.
- Ensure the target HP 3PAR storage array is installed, configured, and accessible to the appropriate hosts.
- Provide access to the source array management server to install discovery software to map existing storage.
- Install any recommended host-based patching or software upgrades, including device drivers, multipathing software, and/or switch firmware to support the HP 3PAR storage platform and migration design.
- Meet all technical prerequisites identified by the HP service specialist as those needed to successfully complete service delivery. These may include, but are not limited to, cabling, connectivity, and sufficient bandwidth between the source array and the HP 3PAR array.
- Assure data recoverability plans are in place prior to service deployment through proven means, such as performing a full backup of the data to be migrated, and providing access to this backup when requested by HP.

Service eligibility

This service is available to all organizations interested in migrating from any source SAN storage array to a single HP 3PAR StoreServ target array.

Activities outside the scope of this service can be delivered via an SOW.

Ordering information

Availability of service features and service levels may vary according to local resources, and be restricted to eligible products and geographic locations. To obtain further information or to order, contact a local HP sales representative and reference the following products:

- HP 3PAR StoreServ Data Migration Service 10-5 – SKU #H6B07A1
- HP 3PAR StoreServ Data Migration Service 20-10 – SKU #H6B08A1
- HP 3PAR StoreServ Data Migration Service 40-20 – SKU #H6B09A1

Depending on the point of purchase and requested service level option, other product numbers may apply. Please consult a local HP representative or HP reseller regarding which product number will best meet your specific needs.

Learn more at:

hp.com/services/storage/migration

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