HP Consulting Services

HP EVA to 3PAR StoreServ Acceleration Service

The HP EVA to 3PAR StoreServ Acceleration Service can help guide you or even execute data migration activities on your behalf that can not only optimize, but also provide OPEX and CAPEX savings as a result of your journey from HP EVA to HP 3PAR. This service provides customers with an alternative do-it-yourself (DIY) data migration option with guidance from our storage migration specialists. By selecting the appropriate options for the two-week engagement this service allows you to execute an HP EVA to HP 3PAR data migration at your own pace and with lowered cost.

Once 3PAR is considered for purchase or after 3PAR storage is installed, the HP EVA to 3PAR StoreServ Acceleration Service can be leveraged to help seamlessly migrate your EVA data. Using today's proven and repeatable solutions this service offers several online and offline options for migrating your data to align to your business requirements, budgets, and project timelines. The HP data migration portfolio provides the best combination of planning and migration methodologies to reduce risks, which allows your business to continue to run with minimal disruptions.

This HP EVA to 3PAR StoreServ Acceleration Service is initiated by assigning a dedicated on-site HP storage consulting migration specialist for two weeks. The migration specialist is the focal point throughout the two weeks of the service to provide an education in designing, planning, and executing a proven data migration design.

By using your own migration technology, knowledge transfer will be properly geared to your storage environment and migration requirements. If you do not have a data migration solution, this service can be used as a strategy session to assist in properly choosing the most efficient data migration solution.

With the use of discovery tools, the migration specialist can begin assessing the current source footprint with an upfront discovery and analysis into your organization's current asset utilization (capacity and performance), operating models (capacity planning, provisioning, and business continuity), and operational gaps. This service can quickly identify incompatibilities and high areas of risk that require immediate attention to help eliminate potential problems that can occur during a data migration.

Benefits from this service include flexibility in deliverables where you can choose areas of focus and high priority from HP migration specialists. You can choose to heavily focus on a combination of activities that include discovery, analysis, reporting, installation, setup, configuration, and knowledge transfer, or lightly touch on each of these to experience a full end-to-end migration solution. You may already have a solid foundation of the current storage environment and just require assistance in preparing and executing a data migration. You may also choose to use only the discovery, analysis, and reporting activities to properly identify potential risks before performing a proof-of-concept (PoC).

HP EVA to 3PAR StoreServ Acceleration Service features
Feature delivery specifications – Customer can choose from any combination of service features to be completed within two weeks

Discovery/kickoff meeting	The schedule of activities and scope of engagement will be outlined and presented during a kickoff meeting. This service provides discovery of current state storage assets and utilization using an agentless reporting tool. This data, along with data gathered during the interview process, are valuable components that will be used for data migration planning.
Facilitated data migration workshop	HP walks you through a thorough inventory of your organization's priorities and concerns to derive a prioritized set of selection criteria. These criteria then become the foundation for the architecture options presented within the data migration design. If no data migration solution is available, a strategy workshop can recommend the best solution for you.
Data migration service planning	Migration planning meeting with you, the discovery of current source EVA and connected hosts in scope, assessment of current state architecture, and provide data migration recommendations. All service prerequisites must be met prior to scheduling of the service delivery at a mutually agreed-upon time.
Data migration assistance	Installation and configuration of your software or hardware tools required to support the data migration solution. Migration of the designated source EVA data to the new 3PAR storage array. Assist and mentor in final cutover and data validation. Create final current target state documentation. (Customer purchased tools supported include Online Import or MPX200.)
Customer orientation session	Upon completion of a data migration, an HP storage consultant will review the data migration report that documents the target state followed by an orientation on the new data layout on the HP 3PAR storage array. Orientation will cover operational nuances of the migration technology. The orientation is not intended as a classroom activity or formal training session. A brief informal review of the migration results is typically conducted with selected members of the customer's IT staff. (Data migration must be conducted to provide orientation session.)

By leveraging customer's migration solution, whether it is Online Import or the MPX200, there are no additional costs in hardware and licensing, and no constraints to project timelines or budgets. You can also gain valuable knowledge transfer on your data migration solution and new HP 3PAR storage array to take full advantage of your storage investments.

Service benefits

- Accelerated review of your environment that relies heavily on HP Intellectual Property (IP) and industry best practices

- Identification of priorities for immediate remediation, including cost, risk, and service improvements

- Real-time storage reporting that is efficient and utilization-focused

- Review of technology, process, and organizational structures to identify potential efficiencies and risks

- Prioritized output to achieve increased enterprise storage efficiency

- Remobilization of existing assets

Specifications – HP EVA to 3PAR StoreServ Acceleration Service recommends the following combination of service activities for the following type of customer scenarios.

Customer type	Combination of recommended activities
Type A – Customer has no understanding of current source footprint, requires assistance with discovery, analysis, remediation, migration planning, and education on data migration solution	Discovery/kickoff meeting – **2 days** Facilitated data migration workshop – **1 day** Data migration service planning – **2 days** Data migration assistance – **3 days** Customer orientation session – **2 days**
Type B – Customer has some understanding of current source footprint, does not require assistance with discovery but requires assistance with analysis, remediation, migration planning, and education on data migration solution	Facilitated data migration workshop – **2 days** Data migration service planning – **3 days** Data migration assistance – **3 days** Customer orientation session – **2 days**
Type C – Customer has solid understanding of current source footprint, does not require assistance with discovery, analysis, and remediation, but requires assistance with migration planning and education on data migration solution	Facilitated data migration workshop – **1 day** Data migration service planning – **3 days** Data migration assistance – **4 days** Customer orientation session – **2 days**

Service limitations[1]

- The HP EVA to 3PAR StoreServ Acceleration Service has the following scoping limitations:
  - One data center location
  - One 3PAR storage array
  - Two-week on-site consulting with storage migration specialists

- Activities such as, but not limited to, the following are excluded from this service:
  - Required installation and startup services of new 3PAR storage array
  - 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
  - Platform or application migration planning
  - Required remediation to attached hosts, operating systems, host bus adapters (HBAs), switches, or source EVA
  - Application integration or integration of third-party products or peripherals not included with the system
  - Any services not clearly specified in this document or in an associated Statement of Work are excluded from this service

Services features and highlights[2]

- Discovery/kickoff meeting
- Facilitated data migration workshop
- Data migration service planning
- Data migration deployment/knowledge transfer
- Orientation session

Customer responsibilities

As the customer, you will:

- Complete pre-delivery checklist and provide all information necessary for HP to deliver timely and professional support to enable HP to determine the level of support eligibility

- Provide any hardware, software, and/or licensing required for migration technology such as MPX200 or Peer Motion

- Assign a designated person from your staff who, on your behalf will grant all approvals, provide information, and otherwise be available to assist HP in facilitating the delivery of this service

- 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 tools, or original manufacturer software used to facilitate the delivery of this service, if applicable

- Allow HP personnel full and unconditional access to all software products to be supported; if security restrictions apply to any supported systems, you may be required to assume additional responsibilities for maintaining the system and software

- Allow HP full and unrestricted access to all locations where the service is to be performed

- Start self-tests and install and run other diagnostic tools and programs

- Ensure participation of your IT storage administrator, database administrator, and other selected staff to discuss business/ operational objectives and any special requirements

[1,2] HP EVA to 3PAR StoreServ Acceleration Service excludes required 3PAR storage installation and startup services that are purchased separately.

Note: This data sheet is governed by HP's current standard sales terms or, if applicable, the customer's purchase agreement with HP.

Ordering information

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

• H6B10A1 for HP EVA to 3PAR StoreServ Acceleration Service

Depending on the point of purchase and the 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.

For more information

For more information on HP Consulting Services, contact any of our worldwide sales offices or resellers.

You can also visit our website at:
hp.com/services/consulting

• Ensure the target 3PAR storage array is installed, configured, and accessible to the appropriate hosts

• Provide access to the Command View EVA management server to install discovery software to map existing storage

• Install any recommended host-based patching or software upgrades, including device drivers, multi-pathing software, switch firmware, and EVA controller firmware to support the 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 EVA and 3PAR storage

• Assure data recoverability plans prior to service deployment through proven means such as performing a full back-up of the data to be migrated, and provide access to this backup when requested by HP

Service eligibility

• This service is available to all organizations interested in migrating from any EVA model to any 3PAR storage array.

• Activities outside the scope of this service can be delivered via Statement of Work (SOW).

General provisions/other exclusions

• Scheduled delivery of services will be coordinated between an HP project manager and you, depending on your choice of service activities listed above.

• Commencement of services generally requires a minimum two-week lead time after you inform your HP project manager of selected service activities.

• Any services provided outside of HP standard business hours must be negotiated with HP project manager.

• HP reserves the right to re-price this service if you do not schedule and provide for subsequent delivery within 90 days of purchase.

• HP reserves the right to charge, on a time and materials basis, for any additional work over and above the service package pricing that may result from work required to address service prerequisites or other requirements that are not met by you, the customer.

• HP's ability to deliver this service is dependent upon your full and timely cooperation with HP, as well as the accuracy and completeness of any information and data you provide to HP.

• Portions of the service can be delivered remotely at your discretion.

• Data cloning (Business Copies) or data replication (Remote Copies) implementations and integrations are excluded from this service. Data replication services can be ordered via HP Data Replication Solution Service for 3PAR.

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