A better way to plan a storage migration—HPE Data Migration Readiness Assessment Service

Moving large amounts of data to a new platform requires a comprehensive and methodical approach. Services from HPE can help you achieve a faster return on your storage investment, minimize the risks, and reduce the workload on your teams.

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Storage infrastructure improvement is a topic that's rising quickly to the top of the IT agenda. It's not just about provisioning high-profile initiatives—such as artificial intelligence (AI) and Big Data projects—though those are increasingly important. It's also about accommodating the sheer volume of data in today's environments and ensuring that it's fully backed up and easily recoverable in case of a disaster or a ransomware attack. It's about reducing costs and improving scalability, security, and performance. It's also about leveraging powerful new technologies, from all-flash arrays to software-defined storage.

Any time you're moving large amounts of data from one platform to another, it's important to be proactive, identify any challenges you might face, and design the migration plan carefully to minimize disruption. That's especially true when you're moving to a new storage infrastructure. You must consider big-picture questions, such as how to keep costs down by avoiding unscheduled outages? How do you mitigate the risks of data loss or compromised data during and after the transition? How long will applications be offline, what can you do to keep that to a minimum, and can we avoid downtime?

Before you get to the actual implementation of the migration, there are many details to consider. For example, if you're moving from Dell EMC storage to HPE storage, you might discover that your infrastructure won't support the new storage unless you do some remediation. For example, It could mean replacing Fibre Channel cards, updating operating systems, or applying patches.

Companies are looking for a way to accelerate data migration readiness so they can get their new storage solution into production quickly and safely to achieve a faster return on their investment. And that's exactly what the **HPE Data Migration Readiness Assessment** service delivers. It's an Advisory Service that helps you define the migration scope, develop a high-level strategy and plan to reduce potential risks, and ensure that the project is completed within time and on budget.

The Advisory and Professional Services experts help you:

> **Understand your current IT footprint:** We provide key knowledge of your existing environment to help identify and understand any potential migration challenges.
>
> **Prepare for the migration:** With us, you can explore the options to optimize and transform your legacy storage environment specifically focusing on building confidence about the migration.
>
> **Identify the appropriate next steps:** We define an optimal architecture/method for a migration that supports your business needs.

Three benefits that matter

With the HPE Data Migration Readiness Assessment service, you can:

1 Reduce risk

Organizations that move their data without first doing a careful migration readiness assessment may find that they've underestimated the risks of losing data, or of not migrating all of it. What steps should you take to migrate all your data to the correct storage tier based on criticality? Will your data be protected and secure during the migration? How quickly can you recover if any data is missed, lost, or corrupted? The HPE expertise, technologies, and methodologies help you maintain data integrity giving you peace of mind.

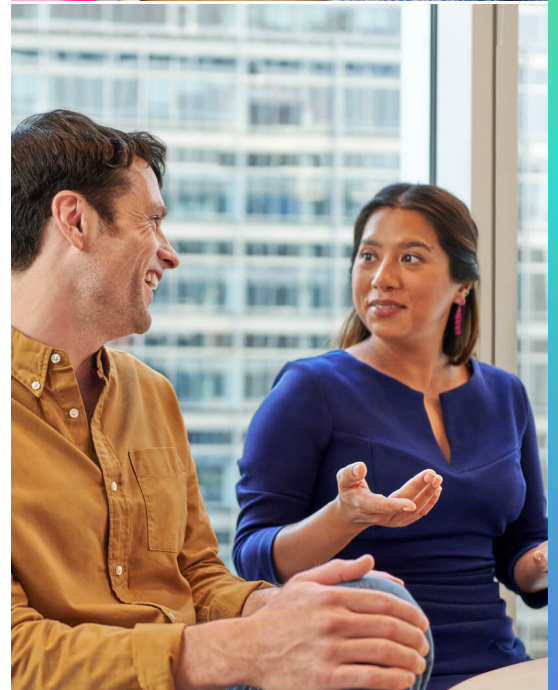## 2 Get a faster return on your storage investment

Performing an in-house data migration readiness assessment is a complex and manual task. Simply understanding your current environment could take a considerable amount of time. For example, assign a staffer to log on to every server, switch, and storage asset to obtain all the necessary information. That data gathering is manual and error-prone and may delay the benefits of the new storage solution.

Our automated approach can help you achieve a return on your investment much faster. Hewlett Packard Enterprise leverages an extensive range of proprietary tools, such as SANXpert, to quickly discover and assess your environment, enabling you to avoid lengthy and time-consuming request for information (RFI) and request for proposal (RFP) activities.

3 Reduce your staff's burden

Storage data migration is not something that IT organizations do every day, or every week. There's typically a three- to five-year gap between these projects. IT teams don't always have the bandwidth or knowledge of current migration best practices to design a transition that will get new storage solutions up and running fast. HPE brings methodologies, frameworks, and experience cultivated from multiple successful data migrations to make it seamless, freeing up your staffers for other projects that can drive business growth.

A leader in storage solutions and services

HPE is a name that resonates strongly in any discussion of storage technologies—we've been market leaders for a long time.[1] Our services represent our experience in a wide variety of storage transformation initiatives across many industries and around the world. We are aware of all the uncertainties and potential pitfalls that companies face and how to bypass them, as well as the most effective strategies and practices to deliver the best results.

With the HPE Data Migration Readiness Assessment service, you can plan and design your project, but if you want guidance with migration to HPE storage, the HPE Storage Data Migration service is the answer.
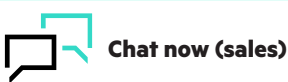
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[1] "Magic Quadrant for Primary Storage," Gartner, October 2022

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References

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• Chalk Talk video

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