HPE Alletra Storage

HPE Alletra Storage MP Disconnected

A modern cloud experience for regulated environments

HPE
GreenLake

## The challenge with managing data in a regulated environment

The demand for on-premises disconnected storage is rapidly emerging. Highly regulated industries such as the defense and federal government sectors, financial services, healthcare, and energy must comply with stringent regulatory requirements, which may prevent them from connecting to the public cloud for data sovereignty reasons. They need data services that operate in air-gapped environments without external internet connections. While solutions connected to the internet offer data security and privacy, for customers in highly regulated industries, physical isolation from external networks, and the open internet further reduces the threat landscape. It allows them to protect organizational data integrity and confidentiality against external cyber threats, including tampering, malware, or unauthorized access. Additionally, it allows data to be moved and managed in an isolated environment without exposing it externally or violating data sovereignty requirements.

These environments are challenging to manage, costly to maintain, and often fail to meet organizational goals.

An on-premises, fully disconnected, and secure solution with an intuitive operational experience is needed to meet organizations' needs in these environments.

The solution

Introducing HPE Alletra Storage MP Disconnected, a simple-to-manage, fully disconnected, and secure block storage solution for an isolated environment without internet connections. This solution is built on HPE Alletra Storage MP B10000 with data services delivered on the HPE GreenLake Dedicated Platform for regulated environments, the disconnected counterpart to the HPE GreenLake Cloud platform. It offers the same cloud experience as HPE GreenLake Cloud, but within your data centers in an isolated environment. It allows you to meet regulatory requirements with ironclad, highly available enterprise-grade block storage, leveraging a cloud-like operational experience to efficiently manage your data in dark sites. With HPE Alletra Storage MP Disconnected, you can:

• Meet security and compliance requirements for regulated

   environments. It helps ensure data integrity and confidentiality, protecting against external cyber threats and unauthorized access

• Simplify your IT operations through an on-demand, as-a-service model, self-service provisioning, on-demand scalability, cost optimization, as well as application programming interfaces (APIs) for automation and orchestration

• Modernize your storage infrastructure with a modern technology stack featuring the high performance, continuous data availability, and seamless scalability of HPE Alletra Storage MP B10000 for mission-critical workloads
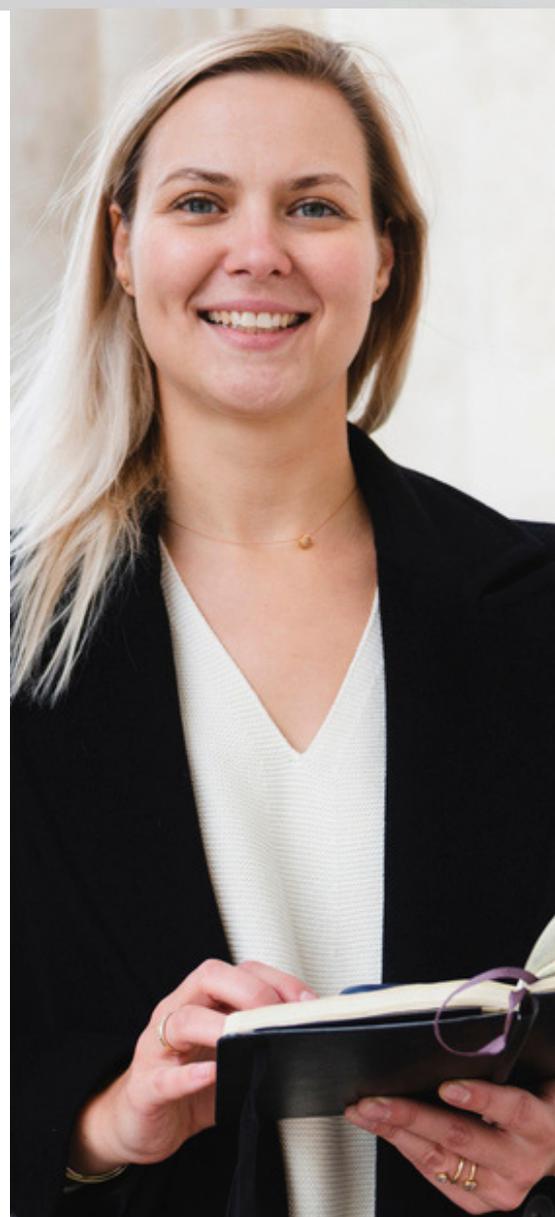
Meeting security and compliance requirements for regulated environments

The HPE Alletra Storage MP Disconnected solution provides a secure platform with fully disconnected operations, addressing compliance requirements for highly regulated markets. It satisfies the need for a cloud-like solution in dark sites, using a secure, scalable, highly available, enterprise-grade block storage solution designed to safeguard critical and sensitive data. This solution meets unique requirements for data services on-premises without external internet connectivity, and it is especially suited for supporting mission-critical applications. It maintains data integrity and confidentiality, securing data against external cyber threats, including tampering, malware, or unauthorized access by bad actors. Additionally, it allows data to be moved and managed without external exposure.

Simplifying your IT operational experience

The HPE Alletra Storage MP Disconnected solution dramatically simplifies data management with the intuitive HPE GreenLake interface, bringing the speed and agility of the cloud experience to your on-premises storage in an air-gapped environment. It provides a cloud-equivalent experience and capabilities with an isolated platform as a service delivered at scale. Operations are simplified, with fast adoption, deployment, and management. You can manage and monitor your global block storage environment from a single control console effortlessly. This frees up your organization to simplify operations and move faster while maintaining on-premises control of your data. Designed for the disconnected environment and built on HPE GreenLake Dedicated Platform, the unified control plane, Data Services Cloud Console, and its underlying data services manager, HPE Data Ops Manager, make the storage infrastructure invisible, helping eliminate silos, complexity, and the burden of day-to-day storage administration while shifting your operations from infrastructure focused to app focused. You can save operational time by 99% and accelerate workload deployment from days to minutes with the intent-based provisioning.[1] It provides an AI-driven self-service without the need for storage expertise for your line-of-business owners and developers, freeing IT resources to work on strategic, higher-value initiatives.

[1] "HPE Storage substantiation," HPE, 2024

Modernizing without compromise

HPE Alletra Storage MP Disconnected delivers high performance, continuous availability, seamless scalability, and ease of management in an on-premises–only solution without the need for external connectivity. This solution enables you to optimize your data estate and run mission-critical workloads with the proven HPE Alletra Storage MP B10000. Built on a disaggregated scale-out architecture, HPE Alletra Storage MP B10000 enables you to scale capacity and performance independently for greater efficiency and lower costs while meeting your business needs with unprecedented flexibility. The solution is backed by certified HPE teams for system planning, installation, hardware and software maintenance, and operations, allowing your teams to help minimize risk and focus on innovation. In addition, the HPE Timeless Program simplifies your tech refresh and protects your storage investment.

Manage your disconnected environment with ease and confidence

By leveraging HPE Alletra Storage MP Disconnected, you can achieve a modern, secure, and efficient cloud-like experience tailored to your unique needs and regulatory requirements. This solution not only addresses compliance with stringent security standards but also provides a seamless, intuitive operational experience within a fully disconnected environment. With HPE Alletra Storage MP Disconnected, you can confidently manage mission-critical workloads and sensitive data without compromising on performance or scalability. The cutting-edge technology stack, combined with the renowned HPE GreenLake interface, enables you to streamline operations, reduce complexity, and accelerate innovation. Embrace the simplicity and security of on-premises storage with HPE Alletra Storage MP Disconnected for regulated environments and transform your data into a powerful, resilient, and compliant asset that drives your organization forward.

Learn more at

https://www.insight.com/en_US/shop/partner/hewlett-packard-enterprise/product-portfolio/modern-infrastructure-solutions.html

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