TECHNICAL BRIEF

Simplify Disaster Recovery with File Replication

Prevent disasters and unexpected events from crippling your organization's IT infrastructure.

Minimizing downtime and recovering quickly after unexpected events and disasters are key priorities when identifying the right storage for modern data-intensive file and object workloads. Pure Storage® FlashBlade™ is a trusted high-performance unified file and object platform. With Purity 3.0, FlashBlade now offers snapshot-based file system replication, enabling you to recover data quickly and easily with low recovery-point objective (RPO) in the event of a disaster.

Protect Your Valuable Unstructured Data

In today's digital era, innovation and modernization are the cornerstones of all infrastructure strategy. However, one often-overlooked critical aspect is implementing a robust approach to disaster recovery (DR). Disasters may be rare and can result from unforeseen events, human error, or sabotage. But what makes a disaster devastating is the inability to recover quickly and effectively, leading to long downtimes.

Downtime has widespread impact on business, whether it's poor customer experience, lost revenue, adverse effect on the brand, or business and operational issues. In light of such severe consequences, it is essential to identify the right DR strategy when selecting a storage platform for modern data-intensive file and object workloads. Although there are multiple approaches to addressing disaster recovery—such as snapshots, backups, and replication—replication has proven to be one of the most efficient ways to minimize downtime.

Efficiency

Minimize WAN overhead and streamline replication while storing compressed data.

No Plug-ins or Licenses

Upgrade to Purity 3.0 license-free to get started with FlashBlade file replication.

Simplicity

Simplify management using intuitive GUI, REST, and CLI interfaces.

FlashBlade File Replication

FlashBlade has established itself in the market as a leading high-performance unified file-and-object platform for unstructured data-intensive workloads. Thousands of organizations rely on FlashBlade to support innovation in their businesses. Ensuring that they can bounce back simply and efficiently from unexpected events and disasters is critical.
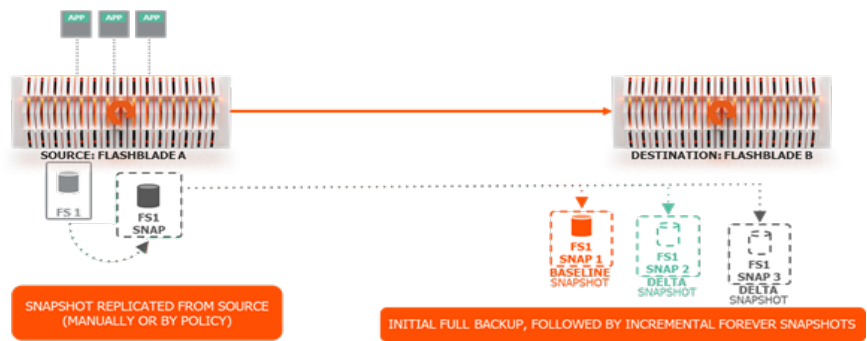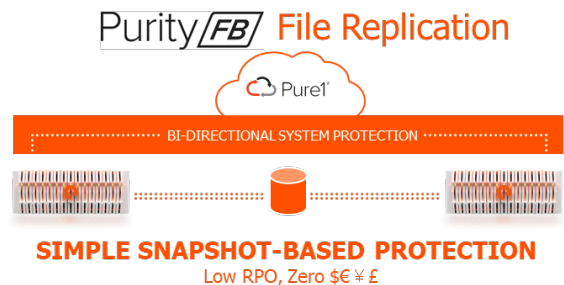

Figure 1 Overview of FlashBlade file replication

To address this key customer requirement, Purity//FB 3.0 now offers FlashBlade file replication. This enables the asynchronous snapshot-based replication of data from a source FlashBlade to a target FlashBlade and allows you to cross-protect your file systems in a FlashBlade replication site pair.

Quality, Simplicity, and Efficiency

While other storage vendors support replication, FlashBlade file replication delivers the same quality, simplicity, and efficiency for which Pure Storage solutions are known. Factors that make FlashBlade file replication so compelling include:

- **One-click disaster recovery:** Enable planned and unplanned one-click DR with low RPO.
- **Efficiency:** Achieve an efficient baseline snapshot followed by incremental-only snapshots to minimize WAN overhead and streamline replication while storing compressed data.
- **Live access:** Leverage the read-only data in the target site for data validation and DR testing.
- **No plug-ins, no licenses:** Update non-disruptively to Purity//FB 3.0 and enable any new file-systems replication between your FlashBlade sites without the requirement of additional licenses.
- **Simplicity:** Simplify setup and management using intuitive GUI, REST, and CLI interfaces.
- **Cross-site protection:** Protect data in file systems originating in either of the FlashBlade sites configured for file replication.
- **Enterprise monitoring:** Track FlashBlade file replication in one central location with Pure1®, Pure's the AI-driven cloud-based management platform.

For more information, visit the FlashBlade product page.

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