



DATA SHEET

Komprise Replication for FlashArray

Protect unstructured data with robust, flexible replication.

With the ever-present threat of natural disasters, failures, and outages, keeping your business running without disruption requires comprehensive disaster recovery services for all your data. If you use FlashArray™ File Services, Pure Storage® provides a file-based replication solution jointly developed with Komprise to ensure business continuity.

Increase Availability

- Minimize data loss with consistent replication copies
- Replicate with speed and agility
- Perform simple failover and failback

Proven Replication

- Replicate entire shares or specific managed directories
- Create your own replication schedule
- Auto-scale Observers and Windows Proxies

Flexible Configurations

- Support fan-in and fan-out replication
- Replicate to on- or off-site targets

Streamlined Management

- Manage replications with one console
- Auto-discover file shares
- Automate management with Komprise API

Ensuring Business Continuity for File-Based Data

Pure FlashArray File Services adds native, multi-protocol file storage and access to FlashArrays. This gives you a unified block and file platform that eliminates the trouble and expense of running two incompatible environments. With FlashArray File Services, you gain all the benefits of the same data layer, pool of capacity, and global data reduction for file-based data as for your block-based data.

Through Pure's replication solution built with Komprise, you can maintain business continuity for your home directories, VDI profiles, and file shares on FlashArrays. Komprise's asynchronous replication engine creates periodic copies of file data from one FlashArray to another for both NFS and SMB, seamlessly providing a safe, consistent recovery point that meets low recovery time objectives (RTO).

Optimized for Maximum Performance

The Komprise replication engine uses an elastic, parallel architecture for speed and efficiency, and is optimized for Pure FlashArrays for maximum performance. As you add storage capacity through more file shares and/or more FlashArrays, you can auto-scale numbers of Observers and Windows Proxies to meet the increased demand and ensure optimal performance.

The Komprise replication engine also adapts to your network availability, using data migration techniques to deliver optimal performance over both local and wide area networks.

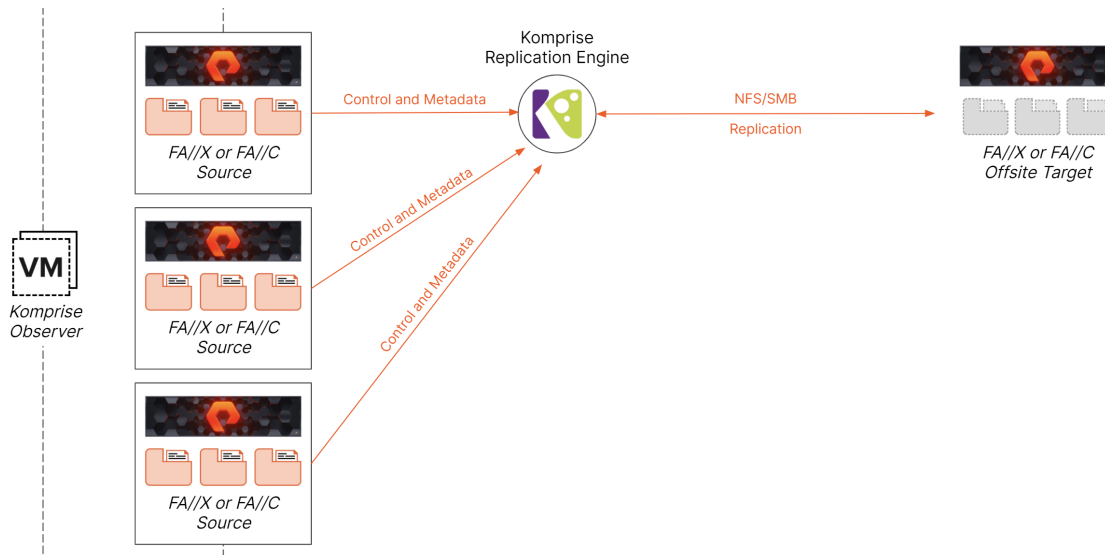


Figure 1: Ensure business continuity for FlashArray File Services with the Komprise Replication Engine.

Robust and Resilient to Failures

Pure and Komprise built our replication solution to intelligently detect and recover from any failures during Komprise replication, providing 100% assurance that the destination file system on the target is consistent with the source. And Pure’s data reduction ensures the replication data uses as little storage capacity as possible without risking loss of data integrity.

Easy Setup and Management

FlashArray file data replications are easy to set up, configure, and manage based on policy through the Komprise cloud-based management interface. File shares are discovered automatically, and you can customize what you want to be replicated with directory-level granularity. Once operational, you can review the status of all your replications on multiple FlashArrays from a single Komprise dashboard. You can also drill into any replication to get status details and generate summary and detailed reports as needed. Most importantly, failover is straightforward and quick, as is failback after issues are resolved.

Flexible Environment Configuration

You need a disaster recovery solution that works with your business requirements, not the other way around. With the Pure and Komprise, you can replicate multiple source FlashArrays to a single target FlashArray (fan-in), and replicate data from a single source to multiple targets (fan-out). The target FlashArrays can be on-site, off-site, or both, and FlashArray//X models can be replicated to FlashArray//X or FlashArray//C.

If not all your file-based data requires replication for disaster recovery, you can select specific managed directories or specify the complete filesystem from its root. With Komprise replication, you can configure start times and intervals to minimize the impact on users and applications. And Komprise offers a complete set of APIs so that you can integrate file-based replication tasks in your existing ITSM or other business processes.



About Komprise

Komprise helps businesses handle the incoming deluge of data with analytics-driven data management designed to solve the challenges of unstructured data growth. With Komprise, customers know, move, and control their data to save costs and extract more business value—without disrupting access. www.komprise.com

Additional Resources

- Discover what [FlashArray//C](#) and [FlashArray//X](#) can offer your organization.
- Get introduced to [FlashArray File Services](#).
- Learn more about migrating files in [high count environments](#).

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