

SOLUTION BRIEF

FAST, RELIABLE BACKUP AND BUILT-IN PROTECTION FOR SAP HANA®

Use Purity Protect Snapshots for simple, effective disaster recovery.

No workloads are more mission critical than your SAP® applications. These apps and the SAP HANA data they depend on lie at the heart of a modern business. If your SAP HANA data is unavailable, your business simply cannot operate. This is why, even though SAP HANA runs in RAM, you need a copy available in storage to prevent data loss. You need to protect this copy at all costs.

But protecting SAP HANA data can be a challenge. Even if you have a disaster recovery plan in place, there's no guarantee that it will execute without a hitch. Some disaster-recovery plans are too complex, remain untested, or rely on untrained employees. You also need the performance for backup procedures to be high enough to complete the backups within available backup windows. But you don't want data protection to come at a performance cost to your SAP applications.

Built-in, Simple Protection for SAP HANA Data

What if there were a simple, fast, and reliable disaster-recovery system for your SAP HANA data? One that was included as part of your SAP HANA storage at no extra cost, with no risk to the performance of your SAP applications?

Pure Storage® FlashArray™ storage offers just such a solution. FlashArray storage helps do away with the threat of SAP HANA data loss by enabling simple, built-in data protection when you combine Purity Protect Snapshots with either Snap-to-NFS or Purity CloudSnap™ cloud backup software.

How It Works

Purity Protect Snapshots offer recovery for the entire SAP HANA data environment, including the operating system. These snapshots can be automated, are simple and instantaneous, and have no effect on FlashArray performance. Snap-to-NFS and Purity CloudSnap software can automatically offload these snapshots to remote storage arrays, turning these recovery points into a true backup and recovery solution. Plus, deduplication makes these snapshots space-efficient, which reduces backup windows.

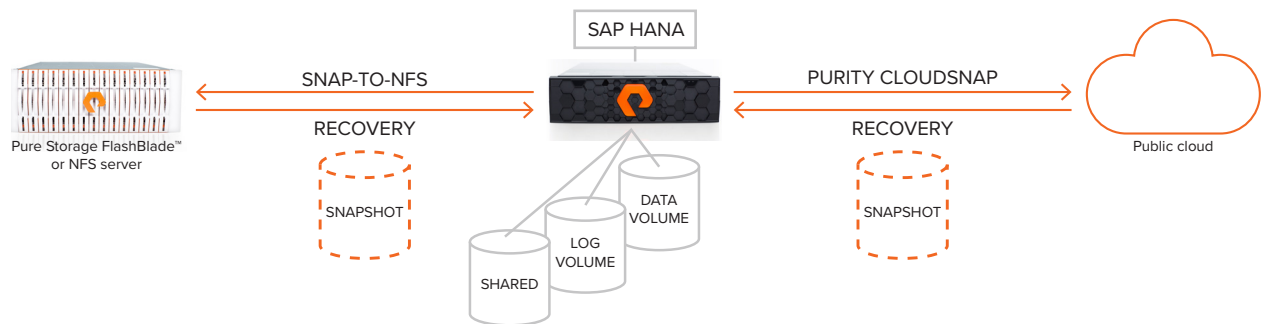


Figure 1. Snap-to-NFS moves snapshots off FlashArray storage to any NFS storage system, and Purity CloudSnap cloud-backup software moves snapshots to the cloud.

Snap-to-NFS: Simplicity and Flexibility

Available in Purity//FA 5.1 and later versions, Snap-to-NFS enables FlashArray storage to offload snapshots to Pure Storage FlashBlade arrays or other third-party Network File System (NFS) servers, such as Linux® file servers or backup appliances. Because Snap-to-NFS is a self-backup technology built into FlashArray storage, it requires no extra software, licenses, or media servers. In addition, there is no need to install or run a software agent on the NFS target. Set it up once, and from then on backups are automated.

Purity CloudSnap: Straight to Cloud

Available in Purity//FA 5.2 and later versions, Purity CloudSnap software provides a convenient option for a backup target. It lets FlashArray storage offload snapshots directly to Amazon® Simple Storage Service (Amazon S3) or Microsoft® Azure® Blob storage. With it, there's no need for additional backup software or a cloud gateway. As with Snap-to-NFS, Purity CloudSnap software is built into FlashArray solutions with no additional cost.

Protect SAP HANA Data with Pure FlashArray

Pure FlashArray storage gives your SAP application workloads the protection they need. Purity Protect Snapshots deliver simple and reliable disaster recovery for your SAP HANA data, allowing space-efficient backups from FlashArray solutions storage to a remote FlashArray unit, FlashBlade unit, third-party NFS server, or cloud target.

Learn more in the white paper, "[FlashArray Protection for SAP HANA.](#)"