



**PoINT Storage Manager**

**NetApp FAS Agent**

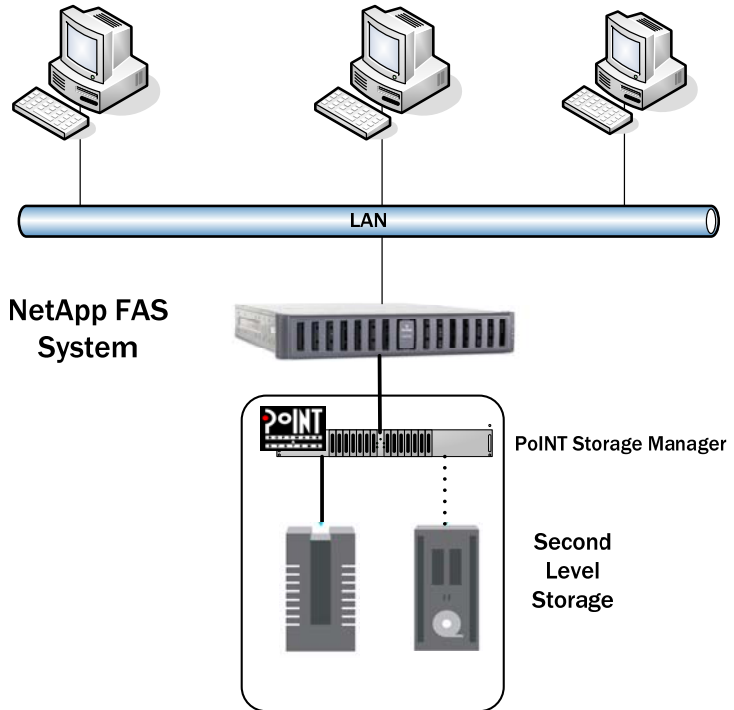
PoINT Storage Manager optimizes storage infrastructure concerning cost, efficiency and long-term availability.

The solution virtualizes the storage hardware and integrates smoothly into the existing IT environment.

The “Tiered Storage” functionality meets complex requirements for state-of-the-art storage infrastructures and ensures long-term and sustainable data integrity.

Often, the problem with existing storage systems is that additional capacity is required but an extension of the existing storage with identical technologies might sometimes neither be useful nor economic. This problem can be solved by PoINT Storage Manager: The fully developed “Tiered Storage” functionality can be used with almost all storage systems which can be integrated as second level storage.

Another characteristic is the protection of primary storage by alternative hardware.



**Migration and Off-Load**

NetApp FAS systems are well-established products in the archiving market and widely-known for their reliability, functionality and performance. Thus, NetApp storage systems are integrated in many installations as primary archive storage device. Due to the increasing data volume managed by these storage systems and the related access characteristic a growing part of the stored data is used less often. This does not only block valuable storage capacity, but it also makes a classic, tape based back-up very time consuming.

The PoINT NetApp FAS Agent of PoINT Storage Manager solves this problem by implementing its transparent “Tiered Storage” functionality. PoINT Storage Manager performs a transparent migration of files according to configurable rules – without any changes in the applications. Thereby, files migrated from the NetApp FAS systems are replaced by so called “Stubs” (references) and stored safely by PoINT Storage Manager on second level storage, e.g. a Blu-ray Disc (BD) jukebox.



# PoINT Storage Manager

## NetApp FAS Agent

This concept especially fulfills the “single path” requirement, so that no changes in the applications are necessary.

### Protection

Besides migration of a NetApp FAS system for the purpose of off-loading, the PoINT NetApp FAS agent enables the protection of a NetApp FAS system by creating file copies

can be stored safely on second level storage. In case of an emergency, the PoINT Virtual File system (PoINT VFS) enables transparent file system access to copied data until the original status has been recovered.

### Second Level Storage

PoINT Storage Manager supports all common device technologies (hard disk, optical,

tape) for the migration and protection of NetApp FAS systems. The product concept allows the configuration of storage and replication devices for second level storage and combines the advantages of different technologies with their typical characteristics, including offline media. This particularly meets “Green IT” requirements.

SUPPORTED TECHNOLOGIES	SUPPORTED DEVICES	REQUIREMENTS
Hard Disk Optical Tape	Single Drives Production Systems Autoloader Jukeboxes Appliances	NetApp Data ONTAP - Version 7.3 PoINT Storage Manager – Version 2.0

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