

Overview

HP File Archiving software helps reduce information management costs and increase storage efficiency by automatically migrating aged and less accessed data from Microsoft Windows-based storage systems into a choice of target archives, including HP Integrated Archive Platform (HP IAP) and Windows-based CIFS archives. Additionally, files can be migrated from higher to lower cost locally attached storage.

NOTE: Please be aware that although HP refers to this product as HP File Archiving software, the product itself, its documentation, SKUs and product descriptions are branded HP File Migration Agent (HP FMA®).

What's New

The new version 2.5 of HP File Archiving software introduces the following new compatibilities/supportability:

- Windows Server 2008 Operating Systems on 32 and 64-bit Intel or AMD systems
- Windows Unified Data Storage Server (WUDSS) 32-bit
- HP Storage Mirroring running on the managed volume(s)
- DFS Namespaces running on the managed volume(s)
- Refresh Anti-virus and Backup/Recovery Application support

Models

NOTE: Please be aware that although HP refers to this product as HP File Archiving software, the product itself, its documentation, SKUs and product descriptions are branded HP File Migration Agent (HP FMA).

| | Description | Product Number |
|----------------------------------|---|----------------|
| HP File Migration Agent software | HP File Migration Agent (FMA) Media | TB113AA |
| | HP File Migration Agent (FMA) E-Media NOTE: The scope of TB113AAE is identical to TB113AA, except that it allows for electronic software download. | TB113AAE |
| | HP FMA HP Storage Win Server LTU | TB114AA |
| | HP FMA HP Storage Win Server E-LTU NOTE: The scope of the TB114AAE license is identical to TB114AA, except that it allows for electronic license download. | TB114AAE |
| | HP FMA HP Storage Win Cluster LTU | TB115AA |
| | HP FMA HP Storage Win Cluster E-LTU NOTE: The scope of the TB115AAE license is identical to TB115AA, except that it allows for electronic license download. | TB115AAE |
| | HP FMA non-HP Storage Win Server LTU NOTE: License includes up to 100 GB of file migration capacity to non-HP storage hardware. To support more than 100 GB of file migration capacity to non-HP hardware with HP FMA, you must license incremental capacity licenses as appropriate. | TB116AA |
| | HP FMA non-HP Storage Win Server E-LTU NOTE: The scope of the TB116AAE license is identical to TB116AA, except that it allows for electronic license download. | TB116AAE |

Overview

| | |
|---|----------|
| HP FMA non-HP Storage Win Cluster LTU NOTE: License includes up to 100 GB of file migration capacity to non-HP hardware. To support more than 100 GB of file migration capacity to non-HP hardware with HP FMA, you must license incremental capacity licenses as appropriate. | TB117AA |
| HP FMA non-HP Storage Win Cluster E-LTU NOTE: The scope of the TB117AAE license is identical to TB117AA, except that it allows for electronic license download. | TB117AAE |
| HP FMA 100GB-1TB non-HP Storage LTU 100GB incremental capacity license (100GB to 1TB) NOTE: The license for storage capacity is the sum of the capacity of files migrated off the file system(s) managed by File Migration Agent. For licensing purposes, archiving to multiple target archives has no bearing on the license for storage capacity, because the license is based on source parameters, and not target. | TB118AA |
| HP FMA 100GB-1TB non-HP Storage E-LTU 100GB incremental capacity license (100GB to 1TB) NOTE: The scope of the T118AAE license is identical to TB118AA, except that it allows for electronic license download. | TB118AAE |
| HP FMA 1TB-20TB non-HP Storage LTU 1TB incremental capacity license (1TB to 20TB) NOTE: The license for storage capacity is the sum of the capacity of files migrated off the file system(s) managed by File Migration Agent. For licensing purposes, archiving to multiple target archives has no bearing on the license for storage capacity, because the license is based on source parameters, and not target. | TB119AA |
| HP FMA 1TB-20TB non-HP Storage E-LTU 1TB incremental capacity license (1TB to 20TB) NOTE: The scope of the TB119AAE license is identical to TB119AA, except that it allows for electronic license download. | TB119AAE |
| HP FMA 20TB+ non-HP Storage LTU 1TB incremental capacity license (20TB+) NOTE: The license for storage capacity is the sum of the capacity of files migrated off the file system(s) managed by File Migration Agent. For licensing purposes, archiving to multiple target archives has no bearing on the license for storage capacity, because the license is based on source parameters, and not target. | TB120AA |
| HP FMA 20TB+ non-HP Storage E- LTU 1TB incremental capacity license (20TB+) NOTE: The scope of the TB120AAE license is identical to TB120AA, except that it allows for electronic license download. | TB120AAE |

Kit Contents

- **Distribution Media:** The kit includes a single software CD and soft-copy documentation (Administration Guide, Release Notes, readme.txt file).
 - **Paper documentation:** The kit includes license information and a letter detailing support options.
-

Overview

Key Features

Feature List

Key features include:

- Policy-based archiving:
 - Migration based on file age, size and name
 - Release (creation of "stubs") based on flexible watermark levels
 - Transparent recalls via access to file stubs
 - Supports file inclusion and exclusion
 - Support for quota management applications from Symantec and Microsoft
-

Customer Benefits

Benefits List

- Helps reduce costs of storage and storage management - automatically migrates static data to an archive based on business policies and quality of service requirements, and releases (stubs) the file on primary storage
- Faster backup and recovery - HP File Archiving software enables you to migrate inactive files to an archive. A sparse file remains as a pointer to migrated data, and it is a minute fraction of the size of the original file. Less data volume to manage on primary storage translates into faster backup of primary storage and potentially faster restore.
- Ease of management - HP File Archiving software helps ease the backup effort and infrastructure management effort required to protect large scale file serving, web server, and application server environments
- Business agility - HP File Archiving software enables customers to redeploy storage and storage management resources once static files have been migrated off the system
- Storage consolidation - HP File Archiving software enables customers to consolidate File servers, web servers, and application servers once infrequently used data is migrated to secondary storage

Software Support

Software Pre-requisites HP File Archiving software version 2.2 is supported on following software and hardware configurations. For more information, refer to the compatibility (support) matrix.

Supported Operating Systems HP File Archiving software runs on both 32-bit and 64-bit versions of the following Microsoft Windows Operating Systems

- Microsoft Windows Server 2003 SP2 Standard and Enterprise Edition
- Microsoft Windows Server 2003 R2 SP2 Standard and Enterprise Edition
- Microsoft Windows Storage Server 2003 R2 SP1 Standard and Enterprise Edition
- Microsoft Windows Unified Data Storage Server (WUDSS) 2003 (32-bit only)
- Microsoft Windows Server 2008 Standard, Enterprise and Datacenter Edition

If they apply to a particular operating system, the following features or add-ons are NOT supported:

- Single Instance Storage (SIS)
- DFS Replication (FRS2)
- File Server Resource Manager (FSRM) - Content Filter, & File Screening

Supported Server platform HP File Archiving software can migrate data from following file server platforms:

- 32-bit Intel Based Processor
- 32-bit AMD Based Processor
- 64-bit Intel Based Processor*
- 64-bit AMD Based Processor*

*On 64-bit systems, HP File Archiving software runs in emulation mode.

NOTE: HP File Archiving software does NOT support IA64 (Itanium) server.

Antivirus Scanners HP File Archiving software supports the following Antivirus applications:

For Windows 2003/2008 32- and 64-bit environments:

- Computer Associates Anti-Virus for the Enterprise 8.4, 8.0
- McAfee VirusScan Enterprise Edition 8.5, 8.0i
- Symantec Anti-Virus Corporate Edition 10.1
- Symantec Endpoint Protection 11
- Sophos Anti-Virus 7.3, 6.5
- Trend Micro ServerProtect 5.7, 5.58
- Trend Micro OfficeScan 8.3, 7.3

Interoperability with Backup and Recovery applications HP File Archiving software interoperates with major backup and recovery applications that support offline files, protecting file stubs without recalling the files from the archive:

The following backup and recovery applications are supported in Windows 2003/2008 32- and 64-bit environments:

Software Support

- BakBone NetVault 8.2, 7.1.1
- CA ARCserve Backup R12, R11.5
- CommVault Galaxy backup & Recovery 7.0, 6.1
- EMC Networker 7.4, 7.2
- HP Data Protector 6.1, 6.0
- IBM Tivoli Storage Manager 5.5, 5.4.x
- Symantec Backup Exec 12.5, 11.0
- Symantec NetBackup 6.5.x, 6.0
- Windows Server 2003 Resource Kit Tools - Robust File Copy Utility (32-bit only)

Supported target archive HP File Archiving software has been tested and supported with following target archive destinations:

- HP Integrated Archive Platform (HP IAP) version 1.6.x and 2.0.x
- Any CIFS-based NAS appliance that runs one of the supported operating systems shown in this document
- HP File System Extender version 3.4

NOTE: When archiving to HP IAP, the maximum file size transfer limitation supported by HP File Archiving software is 1.4 GB.

NOTE: HP File Archiving software is storage agnostic. If disk storage is supported by the OS platform shown in the supported OS section above, then it is supported by FAs.

NOTE: HP File Archiving software does NOT support HP Cluster Gateway NAS system

NOTE: HP File Archiving software also supports migrating files from a FAs-managed volume to a local CIFS share configured on the same system as the FAs-managed volume. It is recommended that backups be done regularly if you choose to configure your FAs archive as a local CIFS share.

Supported Clustered application

HP File Archiving software supports Microsoft Cluster Server on the supported operating systems and server platforms.

Server Virtualization

VMware products are supported provided that HP File Archiving software is running on one of the supported operating systems, listed above. Please see Compatibility Matrix for additional details.

Multi-pathing software

HP FAs can manage disk volumes that have been assigned to it by external disk arrays. These disk arrays may utilize multi-pathing software that allows backend features such as load balancing and failover/failback.

Quota management

HP File Archiving software co-exists with the quota management features of Microsoft File Server Resource Manager (FSRM) and Symantec Storage Exec 5.5

Software Warranty

HP warrants only that the software media will be free of physical defects for a period of ninety (90) days from delivery.

Software Support

Software Licensing

One LTU is required for each stand-alone server running File Archiving software.

In a Microsoft Cluster Server environment, one (cluster) LTU is required for each node in the cluster.

Additional licenses will depend on following factors:

1. The number of additional Windows file, web, or application servers to be managed by HP File Archiving software;
2. Whether these additional servers are deployed within a Microsoft Cluster Server environment;
3. Whether the target archive is non-HP storage hardware.

There is no storage capacity license for HP File Archiving software when archiving to HP hardware, such as HP Integrated Archiving Platform, HP FSE, HP ProLiant Storage Server NAS or HP disk arrays.

The storage capacity license when archiving to non-HP hardware (e.g. EMC disk) is based on three tiers:

1. 100 GB to 1 TB, priced per 100 GB;
2. 1 TB to 20 TB, priced per TB;
3. 20 TB+, priced per TB.

A HP File Archiving software server license for non-HP hardware includes up to 100 GB of storage migration capacity.

The license for storage capacity is the sum of the capacity of files migrated off the file system(s) managed by HP File Archiving software. For licensing purposes, archiving to multiple target archives has no bearing on the license for storage capacity, as the license is based on source volumes, and not target.

NOTE: [HP File Archiving software includes HP AutoPass to help manage software licensing.](#)

Hardware Support

Hardware Pre-Requisites HP File Archiving software runs directly on the Windows file, web, or application server hosts. The below configuration is for minimum reference purposes only.

Minimum System Requirement: for x32 bit systems:

- Intel Xeon™ 3.60 GHz 32-bit Processor (or)
- AMD-Athlon™ 1000 32-bit Processor
- 1 GB of Total RAM
- Microsoft Windows Server 2003 SP2
- A disk volume other than the system volume with at least 10% free disk space.

Minimum System Requirement: for x64 bit systems:

- Intel Xeon® processor 5000 sequence (or)
- AMD-Athlon™ 64 Processors
- 1 GB of Total RAM
- Microsoft Windows Server 2003 SP2
- A disk volume other than the system volume with at least 10% free disk space.

Recommend System Requirements:

- A current enterprise-class processor from Intel or AMD
- 4.00 GB or greater total RAM

NOTE: HP FAs cannot manage a system volume (where OS files are stored, typically the C: drive), which is why a separate volume is required.

NOTE: On a Windows 64-bit operating system, File Archiving software runs in 32-bit emulation mode. Please make sure to run Microsoft Windows on Windows 64 (WoW64) for the emulation of 32-bit on x64 server.

Storage Hardware Support

NOTE: HP File Archiving software runs directly on the Windows file, web, or application server host and supports local storage and/or storage connected to the host via SCSI or FC connections.

Service and Support, HP Care Pack, and Warranty Information

Warranty and Services Included with the Product Software warranty: HP warrants only that the Software media will be free of physical defects for a period of ninety (90) days from delivery.

Recommended Deployment Services The FAs Fast Track Services provide customers with improved speed and confidence in IT infrastructure deployment while preparing their IT staff and processes for operational success. HP Fast Track services are a suite of custom, scalable, clearly defined service engagements that provide product and solution deployments consistent with HP's quality standards. Solution services for FAs help ensure a successful implementation, improve the productivity of your technical staff and allow your IT resources to stay focused on their core tasks and business priorities.

For more information visit <http://www.hp.com/go/IMDMprofessionalervices> or contact your HP sales representative.

Recommended Support Services Three years of Standard Business Hours HP Software Support

- Improve the productivity of system managers and operators
- Improve system performance and reduce downtime due to software defects
- Expedite problem resolution through expert-level technical resources
- Enjoy consistent service coverage across geographically dispersed sites
- Update HP and selected third-party software at a predictable cost
- Take advantage of subscription savings on software updates
- Keep your license compliancy up-to-date

Training Services For more information about Training Services for HP Software, visit: <http://h10076.www1.hp.com/education/hpsw>

Available HP Care Pack Services Extend your product warranty with a wide choice of cost-saving support packages.

HP Care Pack Services are sold by HP and HP authorized enterprise and commercial resellers. Services for customers purchasing via direct and enterprise resellers are quoted using HP order configuration tools.

Key for HP Care Pack Service availability in the table below:

E = Service available for customers purchasing direct and via enterprise resellers

C = Service available for customers purchasing via commercial resellers

na = Service not applicable

| HP Care Pack Services Availability Services | 1 yr | 3 yr |
|---|------|------|
| HP Software Support 9x5 | E | E |
| HP Software Support 24x7 | E | E |

Service and Support, HP Care Pack, and Warranty Information

Software Support Online HP Software Support Online is a portfolio of technology-based services that assist you with managing your business environment - from the desktop to the data center.

Features include:

- Access to self-solve tools (including search technical knowledge base)
- Efficient logging and tracking of support cases
- Collaboration with other business and IT professionals
- Download of patches and drivers
- Access to diagnostic tools
- Proactive notification of relevant information

Access to certain features of the support portal requires an HP service agreement. To access the support portal, visit: <http://support.openview.hp.com/support.jsp>

Configuration Information

HP File Archiving software migrates Windows-based files to a variety of target archives.

The HP File Archiving software is installed on the file/web/application server, and it migrates files to a target location. Data that is migrated to HP Integrated Archiving Platform is content searchable and retention managed, a primary differentiator for HP.

Windows Server 2003/2008-based Configuration (archive to HP storage)

| Description | Quantity | Part Number |
|-------------------------------------|-----------|-------------|
| HP File Migration Agent (FMA) Media | 1 | TB113AA |
| HP FMA HP Storage Win Server LTU | as needed | TB114AA |
| HP FMA HP Storage Win Cluster LTU | as needed | TB115AA |

Windows Server 2003/2008-based Configuration (archive to non-HP storage)

| Description | Quantity | Part Number |
|--|-----------|-------------|
| HP File Migration Agent (FMA) Media | 1 | TB113AA |
| HP FMA non-HP Storage Win Server LTU (includes 100GB) | as needed | TB116AA |
| HP FMA non-HP Storage Win Cluster LTU (includes 100GB) | as needed | TB117AA |
| HP FMA 100GB-1TB non-HP Storage LTU (per 100GB) | as needed | TB118AA |
| HP FMA 1TB-20TB non-HP Storage LTU (per 1TB) | as needed | TB119AA |
| HP FMA 20TB+ non-HP Storage LTU (per 1TB) | as needed | TB120AA |

Technical Specifications

Physical Data

| | | |
|---------------------|--------|---------------------|
| Shipping Dimensions | Height | 5.625 in (14.29 cm) |
| | Width | 8.75 in (22.23 cm) |
| | Depth | 0.25 in (.64 cm) |
| | Weight | 5 lb (2.2680 kg) |

To learn more, visit www.hp.com/go/im

© Copyright 2010 Hewlett-Packard Development Company, L.P.
The information contained herein is subject to change without notice.

Microsoft and Windows NT are US registered trademarks of Microsoft Corporation. Intel is a US registered trademark of Intel Corporation.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.