



Product Bulletin:

Product Bulletin: Announcing Virtual File Manager 6.1.0 release

Revision History

June 16, 2008 - Initial version

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp products or services.

1. Summary
2. What's New?
3. Sales Tools
4. Customer-Ready Tools
5. System Requirements
6. Product Information
7. Regulatory Compliance
8. Warranty and Service
9. Additional Information

1. Summary

VFM® (Virtual File Manager™) is a file virtualization solution for managing distributed storage environments. VFM enables storage administrators to create a single view of a heterogeneous enterprise file system that might consist of NetApp® storage systems, Windows® servers, and UNIX® servers. Using VFM, you can carry out management operations on large amounts of data without disrupting client access.

VFM is installed on a Windows server and requires no agents to be installed on Windows or UNIX clients. VFM provides the following benefits:

- Eliminates any need for client reconfiguration if data is moved to a new location
- Reduces downtime in case of a disaster
- Provides file-level heterogeneous replication and migration for NetApp storage system, Windows, and UNIX data
- Operates in heterogeneous, multivendor, multi-architecture environments
- Lowers the cost of storage management and decreases the total cost of ownership

2. What's New?

This product bulletin announces the release and availability of Virtual File Manager 6.1.0.

VFM 6.1.0 adds the following new features:

- 64-bit operating system support: This version adds 64-bit Windows operating systems to the extensive list of supported operating systems and environments.
- Extended migration and replication capabilities: This version improves the scalability and usability of migration and replication operations to help meet growing storage environment requirements.
- New server configuration report: This version adds a server configuration report, which provides a list of computers managed by VFM, as well as the storage capacity of each computer.
- Comprehensive *Administrator's Guide*. This version consolidates the documentation into a single,

comprehensive guide, which is also provided as online help, enabling a powerful full- text search capability.

- See the VFM 6.1.0 Release Notes for a list of the known issues resolved in this release.

3. Sales Tools (Sales Guides, Training Presentations, SE Presentations)

Customers who purchase the CIFS protocol with a new system can include VFM Migration Edition (ME) at a 50% discount (applies to the VFM-ME software price only) using the CIFS Migration Bundle. For details, refer to **PB-CIFS-VFM-0907**.

4. Customer-Ready Tools (Customer Presentations, Datasheets)

N/A

5. System Requirements

Before installing VFM, make sure that the system in which the VFM components are installed meets the following requirements:

- At least 2GB of RAM
- 2GHz or faster processor
- 500MB of free disk space
- Microsoft® Windows 2000 SP 4 or Microsoft Windows XP Professional SP 1 or later, to manage roots on separate servers
- Microsoft Windows Server® 2003 SP 1, Microsoft Windows Server 2003 R2 Standard or Enterprise Edition, or Microsoft Windows XP Professional SP 1 or later, to manage multiple roots on a single Windows Server 2003
- Microsoft SQL Server™ 2000 Desktop Engine (MSDE) SP 3 or later, Microsoft SQL Server 2000 Standard or Enterprise Edition SP 3 or later, or Microsoft SQL Server 2005 Enterprise Edition, to install the VFM database and monitoring agents
- Microsoft .NET Framework 2.0
- Internet Explorer® 5.5 or later
- Windows Script Host 5.6 or later
- Local fixed NTFS disks, to install the VFM components
- Minimum video display of 1,024 x 768 pixels with 256 colors (more than 256 colors recommended for best display)
- Remote Desktop Protocol (RDP) strongly recommended, to connect to remote machines (other products providing remote desktop access, such as VNC [Virtual Network Computing], have exhibited screen rendering problems with VFM)

6. Product Information

Virtual File Manager is licensed for each NetApp storage appliance or file server being managed (VFM-ME is available for use only with NetApp storage system licenses). Each license includes the VFM client, server, monitoring agent, and replication agent software. Licenses are available by NetApp storage tier or as a “node” license for other file servers. (For more information about interoperability, refer to the Compatibility Matrix on the NOW™ site.)

Part Number	Description	Discount Category Code
SW-R-VFM-BASE	VFM Enterprise Edition SW,Base,NearStore	J
SW-R-VFM-BASE-UPG	VFM ME to EE Upgrade Software,Base,NearStore	J
SW-R-VFM-EXP	VFM Enterprise Edition SW,8TB EXP,NearStore	J

SW-R-VFM-EXP-UPG	VFM ME to EE Upgrade SW,8TB EXP,NearStore	J
SW-R-VFM-ME-BASE	VFM Migration Edition SW,Base,NearStore	J
SW-R-VFM-ME-EXP	VFM Migration Edition SW,8TB EXP,NearStore	J
SW-T1C-VFM	VFM Enterprise Edition Software,Tier1C	J
SW-T1C-VFM-ME	VFM Migration Edition Software,Tier1C	J
SW-T1C-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier1C	J
SW-T1C-VFM-UPG	Software,VFM ME to EE Upg,Tier1C	J
SW-T1-VFM	VFM Enterprise Edition Software,Tier1	J
SW-T1-VFM-ME	VFM Migration Edition Software,Tier1	J
SW-T1-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier1	J
SW-T1-VFM-UPG	VFM ME to EE Upgrade Software,Tier1	J
SW-T2C-VFM	VFM Enterprise Edition Software,Tier2C	J
SW-T2C-VFM-ME	VFM Migration Edition Software,Tier2C	J
SW-T2C-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier2C	J
SW-T2C-VFM-UPG	Software,VFM ME to EE Upg,Tier2C	J
SW-T2-VFM	VFM Enterprise Edition Software,Tier2	J
SW-T2-VFM-ME	VFM Migration Edition Software,Tier2	J
SW-T2-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier2	J
SW-T2-VFM-UPG	VFM ME to EE Upgrade Software,Tier2	J
SW-T3C-VFM	VFM Enterprise Edition Software,Tier3C	J
SW-T3C-VFM-ME	VFM Migration Edition Software,Tier3C	J
SW-T3C-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier3C	J
SW-T3C-VFM-UPG	Software,VFM ME to EE UpgTier3C	J
SW-T3-VFM	VFM Enterprise Edition Software,Tier3	J
SW-T3-VFM-ME	VFM Migration Edition Software,Tier3	J
SW-T3-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier3	J
SW-T3-VFM-UPG	VFM ME to EE Upgrade Software,Tier3	J
SW-T4C-VFM	VFM Enterprise Edition Software,Tier4C	J
SW-T4C-VFM-ME	VFM Migration Edition Software,Tier4C	J
SW-T4C-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier4C	J
SW-T4C-VFM-UPG	Software,VFM ME to EE Upg,Tier4C	J
SW-T4-VFM	VFM Enterprise Edition Software,Tier4	J
SW-T4-VFM-ME	VFM Migration Edition Software,Tier4	J
SW-T4-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier4	J
SW-T4-VFM-UPG	VFM ME to EE Upgrade Software,Tier4	J
SW-T5C-VFM	VFM Enterprise Edition Software,Tier5C	J
SW-T5C-VFM-ME	VFM Migration Edition Software,Tier5C	J
SW-T5C-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier5C	J
SW-T5C-VFM-UPG	Software,VFM ME to EE Upg,Tier5C	J
SW-T5-VFM	VFM Enterprise Edition Software,Tier5	J
SW-T5-VFM-ME	VFM Migration Edition Software,Tier5	J
SW-T5-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier5	J
SW-T5-VFM-UPG	VFM ME to EE Upgrade Software,Tier5	J
SW-T6C-VFM	VFM Enterprise Edition Software,Tier6C	J
SW-T6C-VFM-ME	VFM Migration Edition Software,Tier6C	J
SW-T6C-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier6C	J
SW-T6C-VFM-UPG	Software,VFM ME to EE Upg,Tier6C	J
SW-T6-VFM	VFM Enterprise Edition Software,Tier6	J
SW-T6-VFM-ME	VFM Migration Edition Software,Tier6	J
SW-T6-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier6	J
SW-T6-VFM-UPG	VFM ME to EE Upgrade Software,Tier6	J
SW-T7C-VFM	VFM Enterprise Edition Software,Tier7C	J
SW-T7C-VFM-ME	VFM Migration Edition Software,Tier7C	J
SW-T7C-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier7C	J
SW-T7C-VFM-UPG	Software,VFM ME to EE Upg,Tier7C	J

SW-T7-VFM	VFM Enterprise Edition Software,Tier7	J
SW-T7-VFM-ME	VFM Migration Edition Software,Tier7	J
SW-T7-VFM-ME-CIFS	Software,VFM Migration Ed,CIFS,Tier7	J
SW-T7-VFM-UPG	VFM ME to EE Upgrade Software,Tier7	J
SW-VFM-MEDIA-WIN	Media Kit,VFM	J

Software Subscription Plans

Each VFM software license must be sold with a Software Subscription Plan for a minimum of 1 year.

The following table lists the SSP part numbers as of the date of this product bulletin. Partners should contact their channel representative for pricing information.

Part Number	Description	Discount Category Code
SW-SSP-VFM-ME-NODE	SW Subs,VFM Migration Edition,1 Server	S
SW-SSP-VFM-ME-R-BASE	SW Subs,VFM Migration Edition,Base,NearStore	S
SW-SSP-VFM-ME-R-EXP	SW Subs,VFM Migration ED,8TB EXP,NearStore	S
SW-SSP-VFM-ME-T1	SW Subs,VFM Migration Edition,Tier1	S
SW-SSP-VFM-ME-T1C	SW Subs,VFM Migration Edition,Tier1C	S
SW-SSP-VFM-ME-T2	SW Subs,VFM Migration Edition,Tier2	S
SW-SSP-VFM-ME-T2C	SW Subs,VFM Migration Edition,Tier2C	S
SW-SSP-VFM-ME-T3	SW Subs,VFM Migration Edition,Tier3	S
SW-SSP-VFM-ME-T3C	SW Subs,VFM Migration Edition,Tier3C	S
SW-SSP-VFM-ME-T4	SW Subs,VFM Migration Edition,Tier4	S
SW-SSP-VFM-ME-T4C	SW Subs,VFM Migration Edition,Tier4C	S
SW-SSP-VFM-ME-T5	SW Subs,VFM Migration Edition,Tier5	S
SW-SSP-VFM-ME-T5C	SW Subs,VFM Migration Edition,Tier5C	S
SW-SSP-VFM-ME-T6	SW Subs,VFM Migration Edition,Tier6	S
SW-SSP-VFM-ME-T6C	SW Subs,VFM Migration Edition,Tier6C	S
SW-SSP-VFM-ME-T7	SW Subs,VFM Migration Edition,Tier7	S
SW-SSP-VFM-ME-T7C	SW Subs,VFM Migration Edition,Tier7C	S
SW-SSP-VFM-NODE	SW Subs,VFM,1 Server	S
SW-SSP-VFM-R-BASE	SW Subs,VFM,Base,NearStore	S
SW-SSP-VFM-R-EXP	SW Subs,VFM,8TB EXP,NearStore	S
SW-SSP-VFM-T1	SW Subs,VFM,Tier1	S
SW-SSP-VFM-T1C	SW Subs,VFM,Tier1C	S
SW-SSP-VFM-T2	SW Subs,VFM,Tier2	S
SW-SSP-VFM-T2C	SW Subs,VFM,Tier2C	S
SW-SSP-VFM-T3	SW Subs,VFM,Tier3	S
SW-SSP-VFM-T3C	SW Subs,VFM,Tier3C	S
SW-SSP-VFM-T4	SW Subs,VFM,Tier4	S
SW-SSP-VFM-T4C	SW Subs,VFM,Tier4C	S
SW-SSP-VFM-T5	SW Subs,VFM,Tier5	S
SW-SSP-VFM-T5C	SW Subs,VFM,Tier5C	S
SW-SSP-VFM-T6	SW Subs,VFM,Tier6	S
SW-SSP-VFM-T6C	SW Subs,VFM,Tier6C	S
SW-SSP-VFM-T7	SW Subs,VFM,Tier7	S

Downloading

For downloading software, go to [NOW Download Software](#).
Follow the link to Virtual File Manager (EE and ME versions).

Product Availability

Virtual File Manager 6.1.0 is available as of May 1, 2008.

7. Regulatory Compliance

Products need to be validated against the NetApp Safety/EMI Regulatory Compliance List prior to order submission. This is required to ensure that products are being sold only in the countries in which NetApp has received regulatory compliance certification.

8. Warranty and Service

Standard software warranty and services apply.

9. Additional Information

Contact Information: Please contact your NetApp sales or channel partner representative with questions concerning this bulletin.