



Wide Area File Service

Avail 3.0

Avail is the Wide Area File Service (WAFS) software that delivers instant file access to remote offices - at any distance – around the globe. It seamlessly solves the need for unified & coherent real-time data and file sharing among any number of locations, while also delivering central control. With a field-proven, scalable architecture, its advanced acceleration and mirroring technology delivers instant performance while eliminating 95% of network traffic. It is a true *N*-way solution on a global scale, that also includes continuous remote site backup.

Avail's WAFS is 100% software that transparently accelerates and mirrors files among any number of Windows servers, at any distance, while maintaining 100% **file lock coherence**. No additional hardware is needed – Avail **deploys on your existing servers**. It delivers local hard drive access speeds to all files because the files mirror at every site in real time, no matter where they change. Users are guaranteed to always open the latest file, yet since only the **byte-level differences** (delta) cross the network, almost no bandwidth is used, and all traffic is optimized.

Avail is simple to deploy, and **100% transparent** to applications and users. There is zero reconfiguration needed at any site. It supports all file types, and provides full transparent LAN access using any existing local network protocol to the data at each site, by any number of users.

Simply Select Existing Directories

Simply run the Avail Agent on each file-server, and select the folders that need to be used at each location among the file-servers. Your users will still access the same data in exactly the same way. Except that the data exists on each server, mirrored continually in real-time, between all the servers. With 100% unified file locking and file coherence kept in real time, globally.

WAFS: Accelerate, Optimize, Mirror

Avail solves the problem of instant file access and concurrent use across *N* remote sites. Whether your need is for distributed applications, web servers, sharing Office documents, or complex CAD files between international offices. It easily addresses the largest network topologies, latency and bandwidth constraints. All files are always useable at each site.

Avail is a many-to-many WAFS that performs over any network (LAN, WAN, Internet over HTTP, or VPN). It provides unattended server mirroring that scales regardless of the amount of content, or frequency of changes. Avail fully supports all Windows' file and folder security.



Mirror files between systems at many offices in real time for local user access

Coherence & File Locking

Full file coherence (file locking) is maintained in real time across all sites. No matter where your users are, or how many attempt to use the same file at the same time, Avail ensures that only one user will open the file read/write. For example, a user in London opens a spreadsheet from the file-server in London. A split-second later a user opens the same file from the file-server in Chicago. This second user is notified that the file is already open (does he want it read-only?), just as if the two users were on the same network share/ same server. In spite of the distance, files open instantly because they are always stored on the local disks.



Bandwidth Elimination: Avail eliminates 95% of network traffic. Instead of transferring entire files with every change, Avail's differencing technology mirrors just the changed "deltas" at the byte level, and compresses prior to send.

Performance: Avail accelerates and optimizes all communication and transfers. Files mirror onto each server's hard drive. Any number of users have local LAN access. Whether opening a spreadsheet or a complex CAD design, files open at local hard drive speeds. Servers can cross continents - Avail takes care of the latency and "chattiness".

Real-Time: When any user or system changes a file, the change is instantly mirrored to all other systems in real-time. Users CAN NOT open old versions – they always get the latest. Instantly.

No Conflicts: Avail maintains full file lock coherence across sites in real time. Users can open in-use files at all times (read only) receiving the expected "file in use" messages from the application. They open the most up to date version – as edited by the other user.

Transparent: Files remain in standard Windows folders on existing machines. Mirroring happens automatically and transparently. Users & applications such as web servers have no interruption, yet they always have the latest files.

Uninterrupted Access: Because the data is replicated on each system, offline access is guaranteed. Even if the network is down, any changes done offline automatically synchronize on reconnect.

Files: Supports all file types, number, and any size files.

Consolidation: Avail includes automatic central continuous data protection. Centralize your remote office backup, and provide immediate deleted file and past version restore to your users. Give secure browser access to all past versions and deleted files from the central vault.

Secure: Avail fully supports Windows Share and NTFS security (ACL's & Active Directory). Control all access from your central site. All data is encrypted prior to transfer.

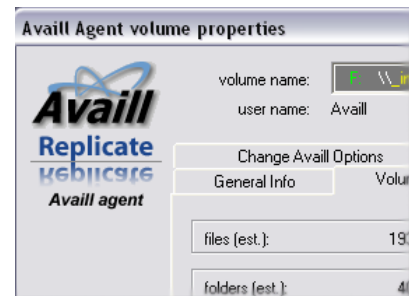
Easy: There is no interface for anyone to learn. Keep working from existing Windows Folders. Create, copy, work on, open and save files. In fact, users change nothing. Applications operate seamlessly.

Any Scale: Avail supports deployments of any size. Add any number of servers to the WAFS. Any size or number of files: Hundreds of GB's – millions of files. No limit to number of users.

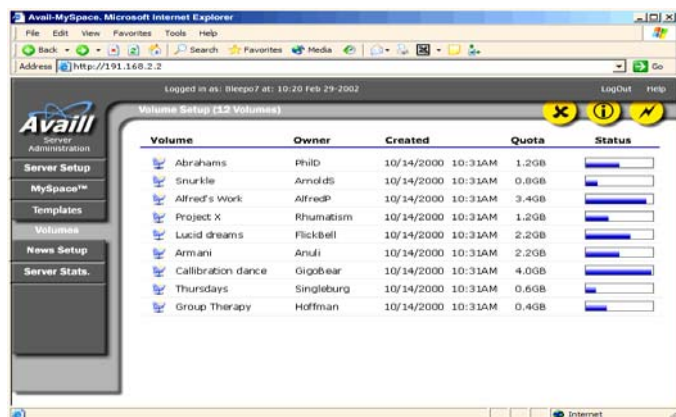
Comprehensive Management: Avail is an agent/server solution with a browser-based management console.

Easy to Deploy and Administer: Avail installs on any existing systems, with a full setup and deployment in under 15 minutes.

Supports All Windows Platforms: Windows 2003, 2000, XP, NAS, clusters. Users have full access from any workstation (Mac, Linux, Windows) on the LAN with no software needed.



Use Avail's replication management function to monitor vital system parameters



Comprehensive, browser-based management console for setting user access, and ongoing system management

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