



AppleShare IP 6.0

Powerful and easy-to-use file, print, mail, and web services.

If you need a powerful yet simple way to communicate and exchange information, you'll find AppleShare IP 6.0 software an invaluable tool. Just install any combination of its integrated file, print, mail, and web servers as needed. Basic setup takes only minutes, and all administration is done through a single, easy-to-use interface. The services of AppleShare IP 6.0 work over TCP/IP and AppleTalk networks,* and its native SMB support for Windows clients means it looks just like a Windows NT file server in the Network Neighborhood on Windows.

Because it offers SMB and FTP as well as traditional AppleShare file sharing, AppleShare IP 6.0 lets authorized users access information via an AppleTalk network, your intranet, or the Internet. Version 6.0 is optimized for exceptional performance across today's high-speed networks. The included AppleShare Client software for Mac OS–based computers automatically uses the faster TCP/IP protocol when both it and AppleTalk are available. For FTP clients, files are encoded on the fly, eliminating the need to store separate files for AFP and FTP users.

Printers and workstations can be on any combination of AppleTalk and TCP/IP networks. AppleShare IP 6.0 software can reduce time wasted waiting for printouts by automatically sending each print job to the next available printer.

Electronic mail has become an indispensable service for any organization. AppleShare IP 6.0 supports the SMTP, POP, and IMAP protocols, allowing you to select the best client- or host-based solution for your users. Intelligent mail handling saves bandwidth and disk space when the same message is going to multiple recipients. Flexible and powerful administrative features ensure that your mail system continues to run smoothly.

AppleShare IP 6.0 software even includes a built-in web server so your organization can set up its own intranet and Internet web sites to share information. Built-in support for plug-ins and CGIs lets you add your own powerful features to the server, while storage of all web files in one protected folder protects other files on the server from access by web users.

For maximum ease of use, all AppleShare services share the same administrative console. You can set up basic services in minutes and assign privileges for any service through a consolidated “Users and Groups” list. You can even use the same list for multiple functions within one server, such as defining both access privileges and group e-mail addresses.

AppleShare IP 6.0: Experience the power and convenience of integrated file, print, mail, and web services.

**Some services require TCP/IP.*

Key Features

Powerful file transfer capabilities

- Transfer files faster than ever
- Access files over an AppleTalk network, your intranet, or the Internet
- Provide native (SMB) file services to Windows clients
- Store a single copy of each file for both FTP and AFP users
- Use aliases to reduce disk space requirements

Efficient print services

- Support users and printers on any combination of TCP/IP and AppleTalk networks
- Control user access on a per-queue basis
- Enjoy automatic load balancing across as many as 10 printers per queue
- Use server-side PPDs so that client systems don't have to have a PPD for every different printer

Versatile e-mail support

- Offer any combination of IMAP, SMTP, and POP
- Permit users to have both IMAP and POP mailboxes for greater flexibility in retrieving their mail
- Save disk space and bandwidth use with single-copy message storage for multiple recipients
- Enable sophisticated searches on mail content

Ready-to-use web server

- Provide high-speed throughput with up to 25 million connections per day
- Let your users share information efficiently and creatively by publishing their own web pages
- Add functionality through plug-ins and CGIs
- Protect other files on the server by storing all web files in one secure folder

Integrated administration

- Set up, manage, and reconfigure all AppleShare IP 6.0 services through a single interface
- Leverage the same “Users and Groups” list to define multiple services or multiple functions within a single service
- Add custom user authentication modules for more control over server access



Mac OS



AppleShare IP 6.0

Features

Benefits

Powerful file transfer capabilities

Dynamic cache tuned for high-speed networks	<ul style="list-style-type: none"> Provides extremely fast access to server-based data
Support for the Apple Filing Protocol (AFP), the Server Message Block (SMB) protocol, and the Internet-standard File Transfer Protocol (FTP)	<ul style="list-style-type: none"> Lets authorized users access files over your AppleTalk network, your intranet, or the Internet Makes an AppleShare IP 6.0 file server look just like a Windows NT file server in the Network Neighborhood on Windows—no additional software is needed for Windows clients
Intelligent AppleShare Client software for Mac OS-based computers	<ul style="list-style-type: none"> Automatically uses the faster TCP/IP protocol when both TCP/IP and AppleTalk are available on a given server Allows users to connect to AppleShare servers via IP addresses and URLs
Support for up to 500 simultaneous AFP, SMB, and/or FTP connections*	<ul style="list-style-type: none"> Scales to meet your organization's file-sharing demands Helps you support all your users with one file server
WINS registration	<ul style="list-style-type: none"> Allows an AppleShare file server to join a Windows NT intranet for easy location by Windows clients
Auto-encoding of files during FTP transfers	<ul style="list-style-type: none"> Eliminates the need to store duplicate files for AFP and FTP users
Asynchronous logins	<ul style="list-style-type: none"> Permits users to cancel a TCP connection and immediately regain use of their computers
FTP aliases	<ul style="list-style-type: none"> Saves disk space, because you can keep aliases for the same file in multiple locations Gives you the freedom to organize the FTP server however you like, without having to duplicate the same file in multiple locations

* Requires appropriate AppleShare IP licenses and server hardware.



You can manage all AppleShare IP 6.0 services from a single administrative console.

Features

Benefits

Efficient print services

Support for both TCP/IP and AppleTalk networks	<ul style="list-style-type: none"> Users can access printers over either network Queues can include printers on both networks
Ability to receive LPR/LPD print jobs	<ul style="list-style-type: none"> Allows printing over the Internet Enables the AppleShare print server to receive jobs from many different client computers Enables it to send jobs to a wide range of output devices
Controlled user access (on a per-queue basis)	<ul style="list-style-type: none"> Ensures that only authorized persons use specific printers
Support for multiple queues	<ul style="list-style-type: none"> Permits up to 10 queues with as many as 10 printers in each queue (up to a total of 30 printers)
Automatic load balancing	<ul style="list-style-type: none"> Automatically sends each print job to the next available printer in the queue
Support for server-side PostScript printer descriptions (PPDs)	<ul style="list-style-type: none"> Enables client systems to use printers for which they don't have PPDs installed



It's fast and easy to make an AppleShare server available in the Network Neighborhood of Windows clients.



Powerful and easy-to-use file, print, mail, and web services.

Features

Benefits

Versatile e-mail support

IMAP support	<ul style="list-style-type: none"> Allows users to leave mail on a central server—great for mobile users
POP and APOP support	<ul style="list-style-type: none"> Brings the benefits of standard Internet mail retrieval protocols to AppleShare users
SMTP support	<ul style="list-style-type: none"> Enables AppleShare to exchange mail with standard Internet mail servers
Remote administration	<ul style="list-style-type: none"> Lets you manage AppleShare IP 6.0 message databases from any IMAP client
Single-copy message storage	<ul style="list-style-type: none"> Minimizes hard disk space and network bandwidth use
Single or dual IMAP/POP3 in box	<ul style="list-style-type: none"> Gives AppleShare users greater flexibility in mail retrieval, such as having a POP mailbox for office use and an IMAP mailbox for mobile use
Server-side IMAP search capability through V-Twin indexing of the mailstore	<ul style="list-style-type: none"> Lets users take advantage of fast server-based searches Avoids the bottlenecks of performing searches over a network
Definable host list for e-mail exchange	<ul style="list-style-type: none"> Helps you control unwanted incoming mail and unauthorized outgoing mail
Scheduled outgoing connections for modems	<ul style="list-style-type: none"> Lets you control Internet connections to minimize costs and regulate dial-up traffic loads
Automatic blind copying (BCC) on incoming mail from specified hosts	<ul style="list-style-type: none"> Enables administrators to track e-mail coming from certain sites
Support for up to 16 simultaneous IP addresses	<ul style="list-style-type: none"> Lets a single server handle e-mail for multiple domains
Support for server mail notifications to clients	<ul style="list-style-type: none"> Makes sure that users know as soon as mail arrives

Features

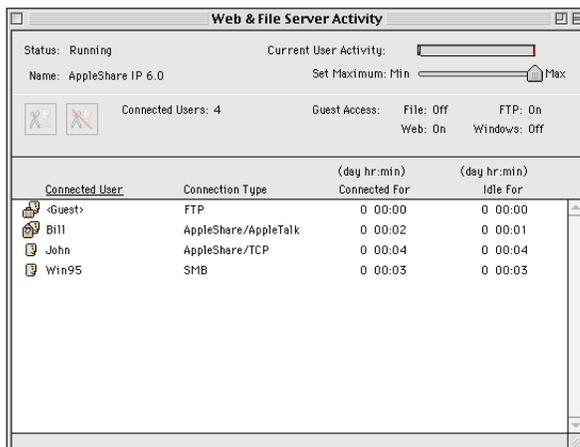
Benefits

Easy-to-use web server

Built-in HTTP server	<ul style="list-style-type: none"> Enables authorized users to set up intranet and Internet web sites
Support for key HTTP 1.1 protocol features	<ul style="list-style-type: none"> Permits persistent connections for improved web session performance
Support for CGIs and WebSTAR 1.2 plug-ins	<ul style="list-style-type: none"> Lets you extend the capabilities of the server with custom or ready-to-use extensions
Secure web folder	<ul style="list-style-type: none"> Protects other files on your server from access by web users
Web aliases	<ul style="list-style-type: none"> Saves disk space, because you can keep aliases for the same file in multiple locations Gives you the freedom to organize the web server however you like, without having to duplicate the same file in multiple locations
Support for custom error pages	<ul style="list-style-type: none"> Allows you to give web visitors helpful information when they try to access a nonexistent or inappropriate page Comes with sample pages for the most common HTTP error messages

Integrated administration

Single administrative console	<ul style="list-style-type: none"> Allows you to set up, manage, and reconfigure all AppleShare IP 6.0 services through one easy interface
Consolidated "Users and Groups" list	<ul style="list-style-type: none"> Eliminates rekeying when creating user accounts for multiple servers Lets you use a single list to define multiple functions within a single server (such as access privileges and group e-mail addresses)
Support for both server- and client-based user authentication modules	<ul style="list-style-type: none"> Enables developers to add advanced security features, such as accessing an external authentication directory
Ability to limit guest access to any combination of FTP, AFT, SMB, and web services	<ul style="list-style-type: none"> Gives you greater control over who accesses your information Uses an easy setup window
Expanded Users and Groups database	<ul style="list-style-type: none"> Allows you to have up to 10,000 users in your AppleShare registry



AppleShare IP 6.0 software enables you to provide network services to all your users.



Control access by Guest (Anonymous) users on a per service basis.



AppleShare IP 6.0

Powerful and easy-to-use file, print, mail, and web services.

Who Should Buy AppleShare IP 6.0?

- Small businesses that want to run their own file, mail, print, and/or web servers
- Workgroups that have been using the built-in file-sharing capabilities of the Mac OS but now need higher performance and more robust features for better collaboration
- Larger workgroups that need network services that are scalable to handle hundreds of simultaneous users and offer advanced features such as custom user authentication modules
- Mixed—operating system workgroups that need network services everyone can use
- Any group that wants to implement an Internet-compatible electronic-mail system
- AppleShare 4.0 and 5.0 users who want higher performance and/or the ability to interoperate in a Windows NT network environment

Product Details

File server

- File-sharing protocols supported:
 - Apple Filing Protocol (AFP) over TCP/IP and AppleTalk
 - Server Message Block (SMB) over TCP/IP
 - File Transfer Protocol (FTP) over TCP/IP
- Files automatically encoded by AppleShare IP when requested by an FTP client
- Dynamic file and directory caches for expedited delivery of frequently requested files
- Support for anonymous FTP sessions (users get the same privileges as AppleShare "Guest" accounts)
- Maximum number of connected users: Up to 500, depending on the server hardware and AppleShare license agreement
- Maximum unique open files: Approximately 300
- Maximum number of all open files: 3,000 forks (data and resource)
- Maximum number of physical volumes: 50
- Maximum number of share points: 100
- Maximum number of users and groups in the Users and Groups data file: 10,000
- Maximum group memberships per user: 42
- Maximum number of simultaneous launches of network applications: Up to 500 (depends on application licensing and the number of connected users)
- Maximum volume size: 2 terabytes
- Maximum number of multihomed ports (AppleTalk only): 4

Print server

- Supported protocols: PAP (AppleTalk) and LPR/LPD (TCP/IP)
- Supported printers: Apple LaserWriter printers, third-party PostScript printers that support the LaserWriter 8.4 printer driver, and LPR/LPD-compatible printers
- Font storage on server to minimize downloads from client system
- Maximum number of attached printers: 30
- Maximum number of queues: 10
- Maximum number of printers per queue: 10
- Maximum number of concurrent connections: 32
- Maximum total number of jobs: 500

Mail server

- Mail protocols supported:
 - Internet Message Access Protocol (IMAP)
 - Simple Mail Transfer Protocol (SMTP)
 - Post Office Protocol (POP)
 - Authenticated Post Office Protocol (APOP)
- Mail storage in a single database instead of as separate mail files
- Maximum message size: 512MB
- Maximum recipients per message (before expansion of group names): 512
- Supported character sets: 1-byte and 2-byte (through 8-bit transparency)

- Maximum number of transfers per POP connection: 2,048
- Maximum number of incoming connections: 1,024
- Maximum number of POP and IMAP connections: 2,048
- Maximum number of IMAP folders per user: 1,000
- Maximum number of messages per IMAP folder: 1,000
 - Maximum folder name size: 128 bytes
 - Maximum IMAP folder path depth: 32 folders or 256 characters
- Maximum number of unique messages stored on the mail server: Approximately 1,000,000
- Maximum size of the mail database folder: 4GB

Web server

- Web protocol supported: Hypertext Transfer Protocol (HTTP) 1.1
- Common Gateway Interface (CGI) support for extending the capabilities of the web server
- Access logs
- Directory browsing
- Customizable error pages
- Support for keepalives
- WebSTAR API support: Version 1.2

System Requirements

- Power Macintosh computer with a PowerPC G3, 604e, 604, or 601 processor; Macintosh Server G3; Apple Workgroup Server with a PowerPC 604e, 604, or 601 processor; or Power Macintosh 6500 computer
- Mac OS 8.1 or later software (included)
- Open Transport 1.3 or later software (included)
- OpenDoc 1.2.1 or later software (included)
- 48MB of RAM with virtual memory turned on; 64MB of RAM without virtual memory
- CD-ROM drive
- AppleTalk or TCP/IP network connection

Ordering Information

All packages include:

- AppleShare IP 6.0 software CD
- Mac OS 8.1 software CD
- AppleShare IP 6.0 Getting Started manual

AppleShare IP 6.0 10-Client Version

Order No. M6636Z/A

AppleShare IP 6.0 50-Client Version

Order No. M6637Z/A

AppleShare IP 6.0 Unlimited-Client Version

Order No. M6631Z/A

AppleShare IP 6.0 11- to 50-Client Upgrade

Order No. M6638Z/A

AppleShare IP 6.0 51- to 250-Client Upgrade

Order No. M6639Z/A

AppleShare IP 6.0 4.x/5.x to 6.0 Upgrade

Order No. M6632Z/A

For more information about this product, or to find out where to buy Apple products—through a reseller or from the Apple Store—visit www.apple.com/appleshareip/ or call 1-800-538-9696. To order this product from the Apple Software Order Center, call 1-800-293-6617.

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