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PowerShare Collaboration Servers Description (10/93)

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TOPIC -----

This article describes the PowerShare Collaboration Servers.

DISCUSSION -----

Features

- Easy administration
 - Provides consistency and ease of administration for large teams of PowerTalk users
 - Includes easy-to-use administrative utilities to streamline installation and management
 - Allows server management from any Macintosh on the network
 - Enables the network administrator to control access to shared catalogs
- Automatic network security
 - Authenticates PowerTalk users and PowerTalk-savvy applications
 - Encrypts network traffic between PowerTalk users and applications
- Scalability
 - Allows a network administrator to set up a single server in minutes
 - Provides the infrastructure to support large multiserver distributed systems
- Collaboration on demand
 - Allows multiple users and applications to share PowerTalk catalogs and access modules
 - Lets mobile PowerTalk users keep in touch with colleagues easily anytime, anywhere

Summary

PowerShare collaboration server software provides System 7 Pro PowerTalk users with server-based messaging, shared catalog, and network security services on AppleTalk networks. PowerShare provides the foundation on which organizations can build team productivity and workflow solutions.

The PowerShare Mail Server acts as a store-and-forward agent for PowerTalk messages, ensuring delivery even when the sender and recipient systems are not available at the same time. Mobile users can use AppleTalk Remote Access to dial in at any time to send and retrieve messages.

The PowerShare Catalog Server is a shared repository for collaborative information such as employee databases and corporate document templates. Storing PowerTalk catalogs on shared servers minimizes administrative overhead. PowerShare servers automatically authenticate PowerTalk users and encrypt their network traffic to ensure the privacy of sensitive information.

Multiple PowerShare servers can work together using distributed, replicated catalogs that provide higher performance and greater reliability. This makes PowerShare as useful for organizations with thousands of users as it is for small teams. Replicated catalogs are easy to manage because PowerShare automatically keeps them synchronized.

Software modules from other vendors allow PowerShare servers to connect with other messaging systems such as QuickMail from CE Software, Microsoft Mail, Internet/SMTP, and X.400. These gateways enable PowerTalk users to exchange mail with users on the other systems. Because the access modules reside on a PowerShare server instead of on individual systems, gateway management is simplified and the cost of providing access to all users is minimized.

PowerShare servers can act as the focus for collaborative applications ranging from basic electronic mail to sophisticated scheduling, project management, and business-forms routing. Independent software developers are creating innovative applications in all of these categories that take advantage of PowerTalk and PowerShare technology, enabling the deployment of a wide range of team productivity and workflow solutions. Network administrators will be able to manage multiple collaborative applications with a single catalog.

PowerShare collaboration server software can be installed on the same Macintosh computer as AppleShare or other server software, and can be administered from any Macintosh system on the network.

Technical Specifications

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- PowerShare Mail Server
 - Provides server-based messaging services for PowerTalk users

- Stores PowerTalk messages to ensure delivery when user systems come on line
- PowerShare Catalog Server
 - Stores collaborative information—such as group addresses, document templates, graphics, and sound—in shared catalogs
 - Authenticates users and encrypts their network traffic
 - Supports multiserver distributed systems
 - Replicates and synchronizes catalogs across multiple servers for higher performance and greater reliability
 - Lets you find, open, save, view, and create new shared catalogs
- PowerShare System Manager's Utility
 - Monitors mail and catalog server activity, user accounts, and stored messages
 - Provides system alerts to the administrator
 - Allows server management from any Macintosh system on the network
- Easy Setup
 - Automatically sets up basic PowerShare Mail and Catalog servers

System requirements

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- Apple Macintosh personal computer with at least 4MB of RAM for each installed server (Mail and/or Catalog Server)
 - Hard disk
 - System software version 7.1.1 and utilities

Ordering Information

PowerShare Collaboration Servers
 In the U.S., Order No. M1272LL/A
 Outside the U.S., Order No. M1272Z/A

- System software version 7.1.1 and utilities
 - PowerShare software version 1.0, including Mail Server, Catalog Server, System Manager's Utility, and Easy Setup application
 - PowerShare System Manager's Guide
- Copyright 1993, Apple Computer, Inc.

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