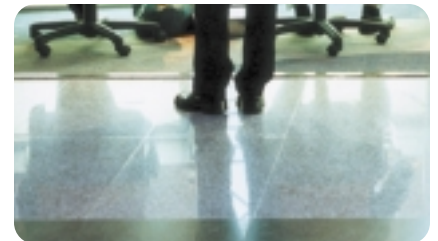


**messaging and
collaboration
consolidation on
hp ProLiant servers**



The objective of IT consolidation is to reduce support costs and enhance application performance for businesses.

the message is lower costs, less effort with hp ProLiant servers running Microsoft Exchange 2000

solution overview

Messaging and collaboration consolidation involves more than reducing the number of servers — it's about using the servers more efficiently and managing the boxes with less effort. Lower operating costs and reduced management effort are exactly what HP offers with Microsoft® Exchange 2000 running on HP ProLiant servers. HP offers powerful, four-way and eight-way ProLiant servers, software tools to allocate processing resources and properly automate remote administration, and industry-leading services. Exchange 2000 servers supports three to four times more users per mailbox server than Exchange 5.5.

the need for messaging and collaboration consolidation

In the past few years, the answer to the exploding demand for e-mail and for collaboration tools such as calendaring and task management was to distribute more and more servers across the enterprise. These disparate islands of messaging and collaboration brought computing closer to end users but greatly complicated centralized server administration and increased total operating costs. The objective of IT

consolidation is to reduce support costs and enhance application performance for businesses. Today, with the advent of high bandwidth, reliable network connections and consolidated storage area networks, IT managers are now able to centralize messaging and collaboration applications on more powerful servers in fewer places.

why hp ProLiant servers and Microsoft Exchange 2000?

ProLiant servers are the leading platform for Exchange, with a market share more than three times the nearest competitor. Here's why you can trust ProLiant servers to support Exchange 2000:

- **hp provides unparalleled experience**
HP is the most experienced and knowledgeable partner for Exchange. Not only is Exchange 2000 Server optimized to run on ProLiant servers, HP and Microsoft have worked together to deploy millions of Exchange seats around the world. In fact, HP Services has under contract or deployed more than 10 million Exchange seats — including about three million Exchange 2000 seats — and HP is also endorsed by Microsoft as a Worldwide Prime Integrator for Exchange.

- **tools and features to simplify management**

HP ProLiant Essential software tools enhance manageability. Among the tools are Remote Insight Manager for proactive trouble monitoring and Rapid Deployment Pack for fast, automated deployments. Exchange 2000 includes features to facilitate consolidation and simplify management, including partitioning of the information store into multiple databases and storage groups that allow for faster backup and restore times, greater numbers of users per server, and Active Directory for unified network and e-mail administration.

- **hp ProLiant Essentials Workload Management Pack**

A typical enterprise Exchange 2000 mailbox server will host anti-virus, management, backup and restore agents, as well as other CPU-intensive processes new to Exchange 2000, such as message tracking and full-text indexing. Server roles such as public folders and free/busy functions may also be consolidated onto a single platform. Using the HP ProLiant Essentials Workload Management Pack, administrators can off-load and contain applications that require extensive processing capabilities to a subset of the platform's CPUs, freeing the Exchange 2000 store process to fully utilize and leverage its SMP scaling abilities better. The result is overall improvements in scalability, response times and utilization of system resources.

- **hp ProLiant architecture enhances consolidation**

When critical productivity applications are consolidated on fewer servers, those servers should be ProLiant servers, to gain the greatest performance possible. Our large customer base, including Microsoft, endorses the ProLiant server as the leading server for Exchange. Reliability and manageability are engineered into ProLiant servers, delivering features such as Intel Profusion eight-way technology, advanced memory protection, hot-add and hot-plug components, NIC teaming and Secure Path storage options to enhance overall performance.

- **global consolidation support and services**

With 38,000 service professionals worldwide, HP Services has already

helped many of the world's largest organizations deploy Microsoft Exchange. HP has the largest Microsoft-trained and certified workforce in the industry and more than 3,200 Microsoft Certified Engineers. HP professionals can even provide project plans to consolidate and migrate from an older version of Exchange. In short, HP has the IT consolidation expertise your company needs to cut technology costs and speed deployment of Exchange applications.

customer benefits:

- **reduced total cost of ownership**

Consolidating Exchange 2000 on ProLiant servers can lower total cost of ownership by up to 35 percent, thanks to the ability to support more users on these powerful servers, plus savings from centralized management, consolidated storage and better price/performance.

- **greater IT staff productivity**

Centralized, remote management and administration tools mean more efficient use of IT staff time, lowering the overall cost of supporting your computing environment.

- **better messaging and collaboration performance/reliability**

Dynamic resource partitioning, proactive monitoring and more powerful servers add up to better application performance and reliability.

leverage the hp adaptive infrastructure vision

Exchange Server runs on powerful ProLiant DL and ML lines of four-way and eight-way servers. All ProLiant servers are designed from the ground up to adapt to change, conserve resources and respond to customer needs, which makes ProLiant the perfect platform for Exchange consolidation.

for more information

For more information visit:

www.hp.com/solutions/microsoft/mses

www.hp.com/servers/proliant/consolidation/exchange2000



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