

Implementing Microsoft Exchange Server 2007

Improving user experience and performance.

MICROSOFT EXCHANGE SERVER 2007 is a comprehensive, innovative messaging system that enables effective communication. When deploying such a powerful and integral application, often across a global user base, organizations sometimes neglect the role of the network. F5 helps to smooth potential networking and infrastructure issues, ensuring the performance and reliability users expect from Microsoft Exchange.

E-mail is vital to a successful business. Unfortunately, a market has emerged to exploit it. Exchange Server 2007 has built-in defenses against spam and phishing e-mail. Working in tandem with Exchange, F5 helps customers reduce the burden on Exchange servers by providing a first layer of defense in fighting spam. F5 has the industry's first reputation-based, perimeter antispam solution that is integrated into the application delivery network. F5 extends security for message applications to the edge of the corporate network, eliminating 50% to 70% of unwanted e-mail, while freeing capacity on Exchange 2007 Edge Transport Servers.

Saving resources

F5 products offload other resource-intensive tasks from Exchange servers, allowing the application to focus solely on the tasks for which it was designed. For example, F5 can offload SSL processing, compression, and caching from Exchange servers, allowing them to concentrate on formatting and delivering the dynamic parts of the application.

In addition, F5's TMOS architecture helps optimize many of the functions that are outside the control of Microsoft Exchange Server. At its core, TMOS is a full proxy: It can optimize any end point that connects through the system. With TMOS, F5 efficiently isolates clients from the server-side flows and independently



maintains optimal performance for each connecting device, translating communications between systems.

This is particularly useful for Outlook Web Access, where one user might connect using broadband, while another is on dial-up. Because client connections are isolated from the server connections, communication speed is not limited by the client: F5 devices buffer the data and communicate at the fastest speed of each connecting device.

The user perspective

What's more, with F5, users accessing e-mail attachments, such as Office 2003 Word documents or Excel files, experience a 90% reduction in download time. PDF document attachments are also linearized for faster rendering on the client's machine, allowing users to view

the first pages of the PDF file as the rest of the file loads. Additional steps are taken to flag attachments for optimal storage in the client's browser cache. Each improvement streamlines the impact of various network conditions, ensuring a usable, high-performing application.

End users are more satisfied and productive when applications perform optimally. Organizations using Microsoft Exchange Server find it integral to the success of the business, and F5 helps protect the investment in the application, minimizing the initial negative impacts to new application deployment. ✨

For Microsoft Exchange Server 2007 deployment guidance, please visit www.f5.com/solutions/deployment for pointers direct from F5's Solution Center engineers.