

Solution Brief:

EqualLogic PS Series with Microsoft® Exchange

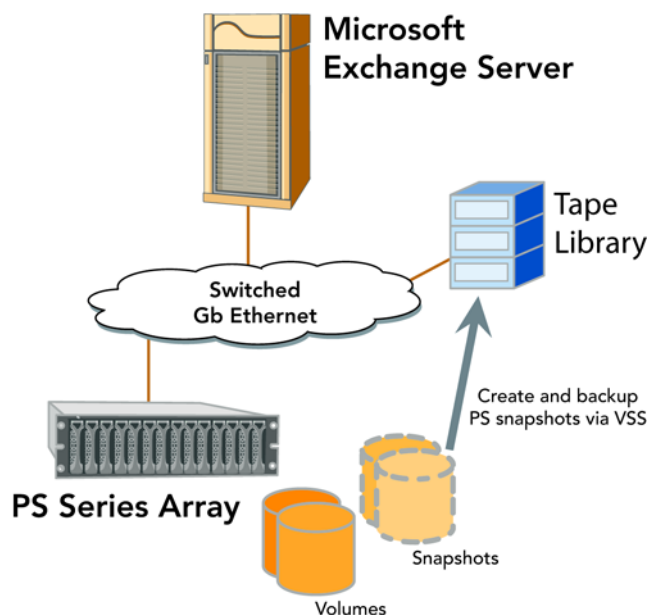
Together Providing a Reliable Messaging Environment

E-mail and messaging are key business functions, and Microsoft Exchange is considered by most to be the de facto standard in messaging and collaboration. While a decade ago having your e-mail environment always online was optional, today it is a business requirement. IT is constantly challenged to provide sufficient capacity for the growth in e-mail stores, keep Exchange constantly available with needed performance, and provide complete protection and disaster recovery. Your Exchange environment is a strategic part of your infrastructure, and demands enterprise-level capacity, performance, and availability.

Together, EqualLogic PS Series storage arrays and Microsoft Exchange provide the reliable messaging environment you need. PS Series arrays have intelligence designed in and enterprise data services already included. With PS Series arrays, you can consolidate your messaging data for better operations with improved provisioning and control. Automated intelligence and centralized management offer simpler, lower cost operation. PS Series arrays also offer the highest class of information protection. Fully redundant, hot serviceable components provide total data protection, while PS snapshots and PS auto-replication deliver online backups, instant restore, and straight forward disaster recovery.

The PS Series was designed with virtualization and automatic load balancing across all available storage resources. As your Exchange deployment grows, PS Series arrays automatically harness the aggregate resources to evenly load balance data requests, additional capacity, network activity, and cache. Performance improves linearly as you scale – this sharply contrasts with traditional storage architectures that force mailboxes to go offline and performance to decrease when adding capacity.

Backup is a major challenge in growing Exchange environments, as users want larger mailboxes and regulations require longer retention with easy access. Plus, since the pressures of growth force users to delete e-mail more often, restore requests are a daily task. PS Series arrays integrate with best-of breed backup applications, letting you backup Exchange data to disk fast, and restore Exchange data down to the mailbox and message level.



PS Snapshots provide online backups without downtime. For Windows Server™ 2003 deployments, PS Series arrays are seamlessly integrated with Microsoft's Volume Shadow Copy Service (VSS) which takes advantage of PS snapshot technology to improve backup and recovery, reduce staff intervention in the backup process, and offload data movement from application servers. VSS works with the PS Series array (VSS "hardware provider"), backup application (VSS "requestor") and Exchange (VSS "writer") to coordinate a real-time, application-aware, consistent backup of your Exchange data. IT staff are released from trying to manually integrate the components, Exchange servers are relieved of the backup processing burden, and data are stored in application-consistent format for faster, easier, and more reliable restores.

As well as being a Microsoft VSS Hardware Provider, the PS Series has passed the Microsoft WHQL qualification. This industry distinction bestows the "Designed for Windows" logo, and is offered only to tested products that deliver a high-quality computing experience with Windows operating systems.

PS Series arrays provide a consolidated Exchange storage environment that is easy to deploy and operate. Growth can be handled on demand and online, easing administrator burdens and improving data availability and performance.

Simplifying Networked Storage

EqualLogic PS Series solutions deliver the benefits of storage consolidation in an intelligent, enterprise-class storage system that is easy to install, manage and grow. Visit our web site at www.equallogic.com and let us show you what *simplifying networked storage* can mean for your business.

To learn more about
EqualLogic, visit us at
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