



5 REASONS TO MAKE DELL EQUALLOGIC PS SERIES YOUR VIRTUAL INFRASTRUCTURE SOLUTION

- 1. AFFORDABLE ENTERPRISE-CLASS NETWORKED STORAGE**

Virtual server platforms depend on networked storage to enable their advanced capabilities and maximize IT flexibility. With many workloads aggregated on fewer resources in a virtualized environment, enterprise-class reliability, performance, and data protection cannot be compromised. EqualLogic PS Series solutions are built for enterprise deployment, providing 99.999% availability through a fully redundant, hot-pluggable system architecture. Volumes are RAID-protected, and through advanced system and disk monitoring, faults can be quickly recognized and addressed without downtime. Each array includes a robust set of data protection tools including snapshots, clones, replication, and online migration, all bundled into the system at no additional cost. The cost-effectiveness of the PS Series virtualized storage solutions further reduce the total cost of ownership of your virtual server deployment.
- 2. SIMPLE DEPLOYMENT, PROVISIONING, AND ONGOING MANAGEMENT**

EqualLogic PS Series arrays are simple to deploy, manage, and grow, simplifying virtual infrastructure deployments and ongoing management. Systems go from out of the box to production deployment in under an hour, with an intuitive, wizard-based GUI to integrate easily into the Ethernet backbone of the virtual infrastructure. iSCSI connectivity leverages the IP networking skills of your existing IT staff, eliminating the need for special training. In addition, through the PS Group Manager – a centralized graphical management interface – volumes are quickly provisioned and securely accessible by all servers within the virtual infrastructure. Painless integration of EqualLogic arrays into virtualized environments has resulted in the entire PS Series product line being certified on VMware's HCL.
- 3. VIRTUALIZED STORAGE THAT AUTOMATICALLY OPTIMIZES RESOURCE UTILIZATION**

EqualLogic iSCSI SANs virtualizes the entire SAN to simplify management and optimize utilization of all storage resources. Data volumes are automatically provisioned from a single, virtual pool of storage that leverages all storage resources within the SAN. Even as workload demands shift or migrate between virtual machines and their physical host servers, the PS Series' virtualized SAN automatically applies storage resources when and where they are needed without intervention or manual tuning.
- 4. COST-EFFECTIVE DATA PROTECTION AND DISASTER RECOVERY FOR VIRTUALIZED DATA SETS**

EqualLogic PS Series snapshots are space-efficient, simple to implement and provide fast online recovery of data sets from any of numerous restore points. The bundled Auto-Snapshot Manager coordinates with Windows-based applications to create clean, consistent backup copies, instantly recoverable online, and suitable for tape-based backup. PS Series based replication simply integrates into virtual infrastructures, providing a simple disaster recovery strategy that can be effectively tested, deployed, and maintained. The PS Series' Auto-Replication capability, standard in each array, provides point-in-time periodic replication to multiple remote sites, over any distance using standard IP LAN and WAN networking assets. By providing concurrent access to the production data set and its replicated copies, DR testing can occur while production continues simultaneously. Failover and failback are both supported increasing flexibility and applicable use cases.
- 5. FLEXIBLE, SCALABLE VIRTUAL INFRASTRUCTURE**

EqualLogic iSCSI SANs complements virtual server environments with advanced features that reduce complexity, increase flexibility, and minimize application downtime due to infrastructure changes. Capacity and performance of the virtual SAN are easily expanded, seamlessly and without disruption. Workloads from across all virtual servers are automatically load balanced, efficiently utilizing all available storage resources. Non-disruptive, online migration of data volumes among storage tiers and pools allows physical storage resources to be re-allocated to meet changing business needs or to be specifically dedicated to individual workloads.



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