

Lessons from the field

<i>User</i>	<i>Storage environment</i>	<i>iSCSI integration</i>	<i>Selection criteria</i>	<i>Recommendations/ Lessons learned</i>
Spokane Public Schools <i>Kevin Mount, senior network administrator</i>	Xiotech Corp. Fibre Channel (FC) array and SATA arrays SCSI-attached to a Sanrad iSCSI V-Switch; total of 36TB of raw storage	Sanrad iSCSI V-Switch	<ul style="list-style-type: none">• Price• Single-console management of iSCSI and FC SAN• Storage virtualization	<ul style="list-style-type: none">• Isolate the iSCSI SAN from the rest of the network• Don't use Ethernet speed autonegotiation
Baylor College of Medicine <i>Mike Layton, director of enterprise services and information systems</i>	45TB Hitachi Data Systems Corp. FC SAN in a primary and DR data center; iSCSI and NAS access through a Network Appliance Inc. 980c V-Series gateway	NetApp FAS 980c V-Series gateway	<ul style="list-style-type: none">• Maturity of the product and vendor were primary decision criteria	<ul style="list-style-type: none">• Isolating the iSCSI SAN from the rest of the network limits risk and eliminates the need to run an advanced authentication protocol (CHAP)
Babson College <i>Kuljit Dharni, director of infrastructure</i>	20TB EqualLogic Inc. iSCSI SAN with a primary and DR site	100% migrated to an iSCSI SAN; eliminated the need for integration	<ul style="list-style-type: none">• Price• Ease of use	<ul style="list-style-type: none">• Would more aggressively migrate from FC to iSCSI if he had to do it again• Regrets EqualLogic's lack of synchronous replication support
Logs Financial Services Inc. <i>Dan Schneidemantle, data systems manager</i>	7TB Hewlett-Packard Co. MSA1000 FC SAN and 8TB of SATA storage direct-attached to FalconStor Software Inc. IPStor clusters; runs a primary and DR data center	FalconStor IPStor	<ul style="list-style-type: none">• Ease of use• Single-console management of all storage• Ability to replicate between heterogeneous storage	<ul style="list-style-type: none">• Switched from automatic to manual cluster failover because of issues with the automatic failover