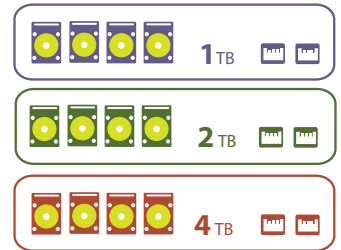




ICS™ StarterSANs

3 TB^U, 6 TB^U or 12 TB^U Configurations

Scale Computing's ICS architecture is the most versatile and easily scalable storage solution on the market. With a supercomputing core and low per TB cost, storage can be purchased as you need it, when you need it. Each StarterSAN begins with three Storage Nodes (SN) and can scale linearly, per TB. Choose your entry point with our 3 TB^U, 6 TB^U or 12 TB^U ICS StarterSAN configurations.



FEATURES	BENEFITS
StarterSAN begins with your choice of initial configurations: (3) usable TBs, (6) usable TBs or (12) usable TBs.	Pick your entry configuration, then scale 1 TB (SN 1000), 2 TB (SN 2000) or 4 TB (SN 4000) at a time, as you need storage.
Scales to more than 2.2 PB	Virtually unlimited capacity
Enterprise-class grid architecture	Easy, simple "plug-and-play" scaling
Migration-less scalability	Zero services or information downtime
Supercomputing core	Proven, enterprise grade technology you can trust--at an affordable price
No single point of failure	Data & service protection even during drive failure
Self healing	Zero disruption & low maintenance
Single, easy to use management UI	Storage nodes detected and added seamlessly and automatically
High throughput without bottlenecks	Data access speeds not jeopardized
Replication and Snapshot	Advanced data protection and backup

Perfect for Archiving and Virtualization



Contact us: info@scalecomputing.com (877) SCALE-59
www.scalecomputing.com



PRODUCT CONFIGURATIONS

<p>Scale Storage Node (SN1000, SN2000, SN4000)</p> <p>SN1000 SN2000 SN4000</p>	<p>1U Rackmount Unit, 1GB Cache, 1 2.0 GHz Processor 2 Gigabit Ethernet Ports (copper)</p> <p>4 500GB Drives (7200 RPM) 4 1TB Drives (7200 RPM) 4 2TB Drives (5400 RPM)</p>
<p>Storage Capacities</p> <p>SN1000 SN2000 SN4000</p>	<p>SN1000 1 Usable TB (2 Raw TB) SN2000 2 Usable TB (4 Raw TB) SN4000 4 Usable TB (8 Raw TB)</p>
<p>Minimum Configuration</p>	<p>3 Nodes</p>
<p>Technical Highlights</p> <p>Data Protection High Availability Scalability Compatibility</p>	<p>All data is mirrored and striped across the nodes in the cluster</p> <p>All data is mirrored on at least 2 nodes. This provides continuous uptime if a drive, network port, power supply or even an entire node stops working</p> <p>Up to 512 nodes per cluster, more than 2.2 PBs per single file system</p> <p>Nodes of different sizes can all participate in the same cluster and be used at full capacity. (Limitation: 1 node can not be bigger than 50% of the total cluster capacity)</p>
<p>Storage Area Network Support</p> <p>SAN Protocols Max LUNs Hosts Supported Security High Availability</p>	<p>iSCSI 255 Any standards-compliant iSCSI Initiator IP based access control, CHAP Authentication, CRC based connection encryption Connections supported to multiple nodes using iSCSI multi-path to connect to the same target/LUN</p>
<p>Network Attached Storage Support</p> <p>NAS Protocols Security NFS CIFS High Availability</p>	<p>NFS, CIFS IP/Host based access control ADS Authentication (Kerberos) Virtual IP Addresses are used to serve NAS protocols. In the case of a node/Ethernet failure another node will pick up the down IP and continue communication with the client without losing connectivity</p>
<p>Snapshots</p> <p>System Snapshots User Snapshots Recovery</p>	<p>31 (255 coming soon) 4 (128 coming soon) Any LUN/Share from any historical snapshot can be restored as a working copy</p>
<p>Replication</p> <p>Efficiency Consistency Recovery Scheduling Multi-site Management Interface Notification Methods Support Upgrades</p>	<p>Copies changes at a block level (minimizing time and bandwidth) Copies point in time snapshots to target cluster Any LUN/Share from any available historical snapshot can be restored on the target cluster as a working copy Replication can be scheduled as continuous, or in 5 min, 10 min, 15 min, 30 min, 1 hour, 2 hour, 4 hour, 6 hour, 8 hour, 12 hour or daily intervals. Replication can be configured as a target or a source site for up to 15 other sites simultaneously Serial Console and Flash-based Administrative GUI over https Email, Syslog Administrator controlled access to the cluster by Scale Support via SSH Upgrades are applied in a rolling fashion to maintain uptime by only removing a single box at a time from the cluster</p>



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