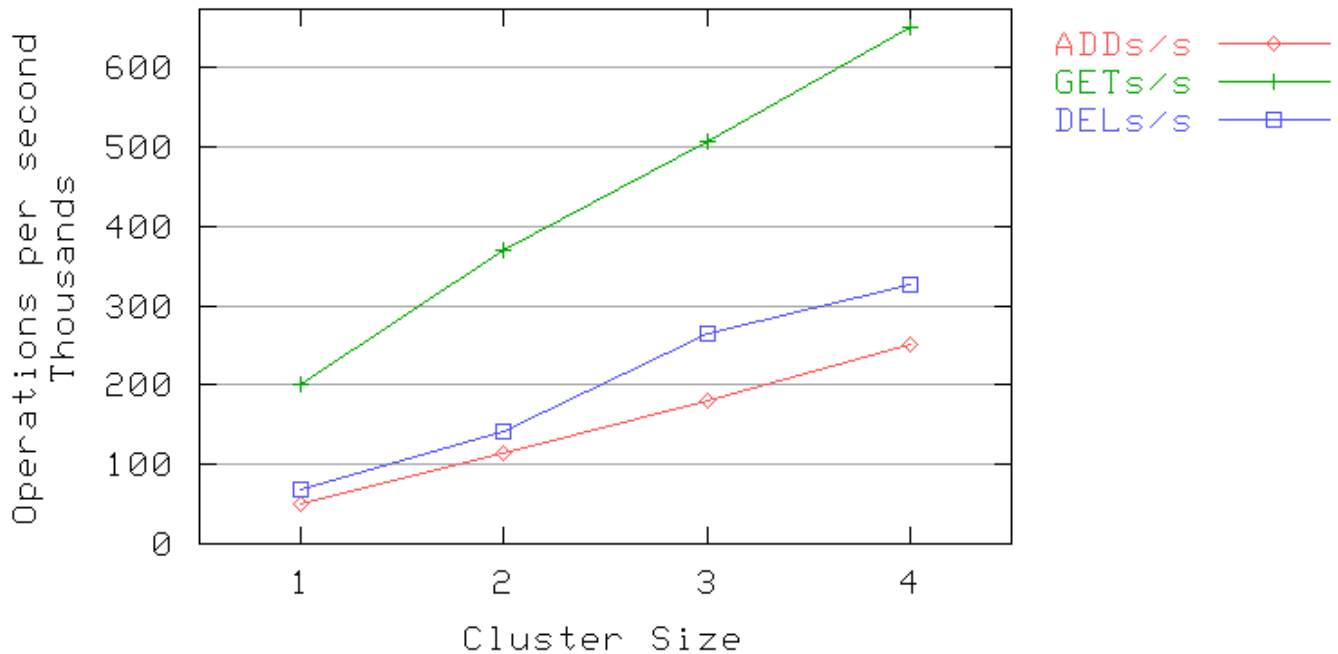




Clustering Performance



XPress XSN for Storage Networks uses a patent-pending clustering technology that *linearly* scales to support any capacity needed. The figure above illustrates a real system using XPress XSN to process millions of key-value associations at 600,000+ transactions *per second* (network round-trips, not just “in memory”), using 700 MHz Pentium servers on standard 100mbps Ethernet. *These performance measurements include networking!* Keys can use any uniqueness factor (URIs, URLs, filenames, GUIDs, etc.), and values can be any set of associations (data location information, mount points, policy metadata, etc.) or any data structures that are meaningful to an application’s need.

Storage solutions built with XPress XSN on the back-end benefit from performance, scalability, and availability when managing data inside the machine room or across the network. Solutions may smoothly scale *vertically* through machine upgrades and middleware, or *horizontally* by concatenating lower-end machines using native XPress XSN functionality. Add a server, add more capacity – simple. Using XPress XSN replication, applications receive high-availability at speeds that other database systems cannot reach *without* replication.

... the net-worked database



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