

NC04Q3 Overview for September 21, 2004 Product Announcements
(All Prices, Product Availability Dates are estimated for U.S. and availability in other areas may vary)

New Software Momentum for Network Computer

Solaris(TM) 10

Solaris 10 Operating System (OS) features the Dynamic File Service, the industry's only self-healing, self-managing OS file system technology that provides 16 billion times more capacity than current file systems for virtually unlimited scalability. This is the fourth breakthrough Solaris technology introduced through the Software Express for Solaris program following the introduction of N1(TM) Grid Container software. Predictive Self Healing and Dynamic Tracing earlier this year. All new features are delivered on industry standard AMD Opteron, Intel Xeon and scalable SPARC(R) processor-based systems. An estimated 80,000 users are currently previewing Solaris 10 through Software Express. For more information about Software Express for Solaris, or to download the software, go to: <http://www.sun.com/software/solaris/solaris-express/>.

Pricing and Availability: Solaris 10 is expected to be available worldwide in the fourth quarter of this year. Pricing will be announced at that time.

Sun(TM) Studio 10 Software

The upcoming release of Sun(TM) Studio 10 software is intended to empower AMD Opteron and Intel Xeon EM64T (Nocona) processor-based systems to run 64-bit applications, allowing Solaris customers and software developers to benefit from increased application performance and scalability.

Pricing and Availability: Sun Studio 10 OS software is expected to be available within the next 45 days. Pricing will be announced at that time.

Java(TM) 2 Platform, Standard Edition 5.0

Java(TM) 2 Platform Standard Edition (J2SE(TM)) 5.0 technology is the most significant upgrade to the Java platform and programming language since its initial release nearly one decade ago. This updated Java platform offers dramatic ease of development, new application monitoring and management features, a dedicated focus on rich client support for the PC desktop and record-breaking performance. Sun plans to integrate the J2SE 5.0 technology into the Solaris 10 OS to give customers the benefit of higher performance and ease of use in the new Java language update.

Pricing and Availability: The J2SE 5.0 software development kit is currently available for download at no charge at <http://java.sun.com/j2se/>.

The Solaris 10 Developer Collection

Sun also has created the Solaris 10 Developer Collection, an extensive list of developer guides, software downloads, documentation and forums that address a wide variety of Solaris 10 de-

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velopment topics such as application development, device driver guides and an updated SDK for Solaris OS.

Pricing and Availability: The Solaris 10 Developer Collection is currently available at no charge at: <http://docs.sun.com/db/coll/45.20>.

Sun's Early Advantage Training Program

Sun's Early Advantage Training Program provides two instructor-lead classes, including administration of Solaris 10 OS for experienced system administrators and dynamic performance tuning and troubleshooting with dynamic tracing (DTrace). The training classes are designed to arm customers with leading-edge skills and worldwide recognized credentials to meet immediate business challenges, including how to get the best performance from today's applications.

Pricing and Availability: Sun's Early Advantage Training Program is scheduled to be available to users worldwide beginning in October. These courses include the 5-Day Solaris 10 for Experienced Systems Administrators course, which will cost \$3,000 and the 2-day Dynamic Performance Tuning and Troubleshooting with D-Trace program, which will cost \$1,400.

Expanded Choice for the Datacenter

Sun Fire(TM) V490 and V890 Servers

The Sun Fire (TM) V490 and Sun Fire V890 servers with Solaris OS are Sun's 4- and 8-way servers, powered by UltraSPARC(R) IV processors, featuring breakthrough Chip Multithreading (CMT) technology that can allow existing Sun Fire V480 and Sun Fire V880 server customers to double their application throughput on the fly with no downtime.

Pricing and Availability: The Sun Fire V490 and Sun Fire V890 servers are currently available worldwide. Pricing for the servers is \$30,995 for the V490 server and \$39,995 for the Sun Fire V890 server.

Sun Fire V40z Server

The Sun Fire V40z server expands the Sun Fire product line to include both 2- and 4-way AMD Opteron processor-based servers with Solaris OS. The Sun Fire V40z server runs on multiple operating systems including Solaris, Red Hat Linux, SUSE Linux or Windows operating systems with Microsoft Hardware Compatibility (HCL) certifications. The Sun Fire V40z server is up to 47% cheaper (when compared to a similar configuration with HP's equivalent Xeon-MP server). Performance on specweb99ssl is up to 76% faster than the fastest published IBM 365 result.

Pricing and Availability: The Sun Fire V40z server is currently available worldwide. Pricing

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for the system starts at \$8,495.

Sun Java Workstation W1100z and Sun Java Workstation W2100

The new Sun Java Workstations based on AMD Opteron processors are designed to handle technical and heavy duty workloads across a range of industries including document management, life sciences, Oil & Gas, EDA, MCAD and software development. With support for the Solaris OS, Red Hat Linux, SUSE Linux or Microsoft Windows, these workstations give customers maximum flexibility for growth at industry-leading price/performance. Customers also benefit from the ability to run both 32-bit and 64-bit applications within a single architecture.

Pricing and Availability: The Sun Java Workstations W100z and W2100z are currently available worldwide. Pricing for the systems starts at \$1,995 and \$4,695, respectively.

Netra(TM) 440AC Servers

The Netra(TM) 440 server is the lowest priced 4 way NEBS Level 3 certified carrier grade server on the market. The Netra 440 server is up to 75% less than comparable Itanium and PA-RISC based NEBS server from HP. It includes 4x1.28GHz USIIIi CPUs, up to 16GB memory and 6 PCI slots for Max Expandability and 2 Gigabit Ethernet ports.

Pricing and Availability: The Netra 440 server is currently available worldwide. Pricing for the system starts at \$13,995.

Nauticus Networks Preview

Sun is providing an early glimpse of tomorrow's networking technology from the Nauticus Networks acquisition that will be integrated in upcoming systems to add additional security, networking performance and resource optimization capabilities.

Pricing and Availability: Technology from the Nauticus product family is scheduled to be available in the next quarter. Pricing will be announced at that time.

New Network Computing Components

Sun StorEdge(TM) 6920 System

The new Sun StorEdge 6920 system is designed to help reduce the costs and improve services by consolidating applications on a single system that offers N-way scalability, application-oriented storage pooling, simplified management and centralized services. Additionally, the Sun StorEdge 6920 system is the first midrange class storage system to feature a crossbar

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architecture that enables flexible scalability of capacity, connectivity and performance.

Pricing and Availability: The StorEdge 6920 system is currently available and ranges in price from \$190,000 (2TB) to \$421,000 (8TB) for standard configurations. The Sun StorEdge 6920 system is additionally available with Sun Utility Computing pricing, growing Sun's offering for pay-for-use storage solutions. The new, all inclusive, pay-for-use Sun(SM) Utility Computing for Mid-range Sun StorEdge Systems offering starts at \$0.80/Sun power unit (SPU) per month. (Includes hardware, software, installation services and support services. Partner pricing available. UC availability varies per customer and is dependent on customer business and Sun assessment.)

Sun StorEdge 9990 System

The Sun StorEdge 9990 system provides unparalleled performance to support massive consolidation and aggregation with virtualization, replication and migration capabilities across disparate platforms. As with the Sun StorEdge 6920 system, the Sun StorEdge 9990 system is able to unify data and storage services across its own storage and attached storage systems, streamlining storage management and productivity.

Pricing and Availability: The Sun StorEdge 9990 system is currently available. Pricing for the system starts as low as \$1 million.

Sun StorEdge 5210 NAS Systems

For entry level departments and workgroups who need to share documents across heterogeneous platforms in an easily managed environment, the Sun StorEdge 5210 NAS system provides a heterogeneous file server storage device that helps enable simple manageability, quick deployment, seamless integration and flexible policy-based services.

Pricing and Availability: The Sun StorEdge 9990 system is currently available. Pricing for the system starts at \$28,995 (876GB); expansion trays are \$15,995 (752GB).

Sun StorEdge SAM-FS/QFS File System

With its complete line-up of storage products, Sun also offers state-of-the-art file systems, Sun StorEdge SAM-FS/QFS systems. The newest version, 4.2, now offers high performance, integrated archiving capabilities with Sun Cluster software support for HA QFS shared file systems and Oracle RAC applications.

Pricing and Availability: The Sun StorEdge SAM-FS/QFS system is currently available. Pricing for the SAM-FS system starts at \$7,500. Pricing for the QFS system starts at \$8,000.

Sun Content Infrastructure System

Showing the full value of being an end-to-end systems provider, Sun is also introducing today the Sun Content Infrastructure System. This Sun solution is a completely assembled, tested and

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configured deployment platform. The customer-ready solution reduces cost, complexity, risk, and time-to- deployment by incorporating all the pieces needed for a multi-tiered policy-managed Content Infrastructure / Information Lifecycle Management platform into a complete all-in-one solution with one part number. The solution, currently available in three different configurations to meet virtually any data management need, includes server (Sun Fire V240), three different types of storage mediums and Sun StorEdge SAM-FS file system for management.

Pricing and Availability: Pricing for the departmental archival system starts at \$95,000 (up to 10TB). Pricing for the midrange HA-system starts at \$359,000 (30 TB, two servers, shared access). Pricing for the dual frame high performance system starts at \$383,000 for 30TB and ranges to \$652,000 for 60TB. (Includes: servers, Solaris OS, SAM/QFS, management interfaces, FC/SATA disks, tape libraries, pre-configured, pre-tested, and gold service warranty (upgradable to platinum). Optional Services: Enterprise-class tape libraries, continuous backup software layer, additional disk media, content management application integration.

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