CNS /Update Newsletter Feature

120MHz Nodes Added to NERSP for Library Automation Projects

CNS Document ID: u970108a
Last Updated: 5/13/99

UF Information Technology

UFIT

2046 NE Waldo Rd, Suite 2100
Gainesville Florida  32609-8942
(352) 392.2061
<editor@cns.ufl.edu>
Table of Contents

120MHz Nodes Added to NERSP for Library Automation Projects ..........................3
120MHz Nodes Added to NERSP for Library Automation Projects

Significant performance upgrades to NERSP, NERDC's AIX platform, were installed last month to support library automation projects of the FCLA (Florida Center for Library Automation). NERSP is NERDC's IBM RS 6000/SP supercomputer. AIX is IBM's implementation of the UNIX operating system.

Four new IBM 120MHz Thin nodes were added to NERSP, and RAID (Redundant Array of Independent Devices) disk-storage space was increased by 67.5GB.

Each of the four new 120MHz Thin nodes contains 512MB of main memory and 4.5GB of local disk storage. The 120MHz Thin nodes incorporate the new Power2 Super Chip, which delivers a 75 percent floating-point performance improvement over NERSP's two existing 66MHz Thin2 nodes. The new nodes also feature added memory capacity (doubled to 1GB) and increased memory bandwidth (up 80 percent, to 1.9GB per second). The 67.5GB addition to NERSP's third Model 7135 RAID disk subsystem brings total RAID storage capacity to 405GB.

In a separate enhancement, each of NERSP's six Thin general-processing nodes has been upgraded from 128MB to 256MB of main memory.

Your Comments are Welcome

We welcome your comments and suggestions on this and all UFIT documentation. Please send your comments to:

UF Information Technology

UFIT

2046 NE Waldo Rd, Suite 2100
Gainesville Florida 32609-8942
(352) 392.2061
<editor@cns.ufl.edu>