B-1. Hardware

Build ob8.3

Noting that the warranties on the RAX servers would soon be expiring, the AWIPS program has planned a refresh of RAX Servers as part of an AWIPS form-fit-function replacement associated with the roll out of AWIPS OB8.3. Under this refresh, the disk space will be doubled and the DVD will be upgraded (multi-mode). The specifications for this replacement system are as follows:

HP ProLiant ML35o G5 SFF SAS Tower Server includes:

- 416890-L21, Dual Core Intel^® Xeon® 5150 (2.66GHz, 1333 FSB) Processor

- 397409-B21, 1 GB Fully Buffered DIMM PC2-5300 2X512 Memory

- 405102-B21, 64MB cache upgrade for E200i

- 431958-B21, 146GB Hot Plug 2.5 SAS 10,000 rpm Hard Drive, qty 6 each

- 383974-B21, DVD+RW 16X Drive ...Multimode

    Q1522B, DAT 72 (Half Height, 36GB)

Builds ob1 thru ob8.2

The RFC Archive System was implemented during AWIPS build 5.2.2 in 2002 and delivered to the field summer of 2003.

The RFC Archive System is as follows:

- Dedicated system, Rack mounted

- Intel Xeon 2.4GHz/400MHz

- 2 - 512MB PC2100 CL2.5 ECC DDR SDRAM RDIMM

- Ultra 320, ServeRAID-5i SCSI Controller (single channel)

- Six 73.4GB 10K rpm Ultra160 SCSI HS

- 10/100/1000 Port Ethernet Server Adapter

- Tape drive - 40/80GB DLTVS HH Int. SCSI Drive (Half-High) and Ultra 160 PCI

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Adapter (required for Tape device when using ServeRAID5i

- DVD Drive/Recorder - DVR-A04 Pioneer DVR

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