MPE/iX 7.5 Update

PA-RISC 8700 Processors

highlights

- pa-8700 processors –
  - increase performance
  - A/N class only
  - requires MPE/iX 7.5 or later

- new storage –
  - native fibre channel
  - hp SureStore disk arrays: XP48, XP128, XP1024, XP512

- mpe/ix release 7.5 –
  - interex SIB enhancements
  - performance improvements
  - greater capacity
  - patches bundled

PA 8700 processor

- performance:
  - 100% improvement in low-end (A class)
    - 4.8 – 11 performance units
  - 60-100% improvement at mid-end (N class)
    - 15 – 65 performance units
  - 35% improvement at high-end (N class)
    - 79 – 100 performance units

- free hardware conversion kit:
  - A class à rp24xx
  - N class à N4000 or rp7400

storage

- native 2Gb fibre channel adaptor i/o card
  - requires PCI and MPE/iX 7.5
- hp SureStore xp 128 / xp 1024 (high-end)
- hp SureStore virtual array 7110 (mid-end)
- FC 8/16 Brocade 1Gb/2Gb switches
- ultra 160 SCSI cards
- hp SureStore tape array 5300
- hp SureStore disk system (DS2300)
- cluster/iX supported, now with "heartbeat" feature
- HAFO not yet released

mpe/ix release 7.5

- interex SIB requests completed:
  - LDEV-1 disk space utilized beyond 1st 4 Gb
  - sendmail bundled in FOS and supported
  - UPS monitor can invoke a script on powerfail
  - new :SHUTDOWN CI command with RESTART option

- WebWise bundled in FOS and supported
- IMAGE support of native large files, DBPUT/DELETE performance via EHWM enhancement
- increase in the number of open files/sockets per process, and the number of user logging processes

why update to mpe/ix release 7.5

- probably our last mainline release
  - all 7.0 patches rolled up, or will be in subsequent Powerpatch
- native fibre channel gets you a big disk IO performance boost
- our most advanced storage release (ever?)
- some of our h/w upgrade paths only apply to PA8700s