



Looking at the draft TEITAC standards with real products

July 16, 2007

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Products we looked at

- Our operating system Solaris™
 - > Including desktop apps, office suite, web browser, e-mail, calendar, video conferencing software, media player, etc.
- Several large servers & storage devices
 - > Products destined for data centers, server rooms
- An on-line course for training hardware technicians
- A wireless networked telemetry device from our labs
 - > Unusual device with no OS, it raised interesting questions

Questions/issues from OS

- OS includes screen reader (1.1), is it “direct” or “with AT”?
- *Information pass-through* provision (1.2-D, from telecom) inapplicable to most parts of an OS
 - > Everything is “information”: disk & network reads/write
- Video conferencing has “real time voice”, but Real-Time Text provisions (5-B, 5-C, 5-D, 5-E) hard, make no sense
 - > Must have real-time text w/video conf.? In same app, or on OS? How to guarantee performance from just one end?
 - > “...standard real-time text format...” may not be defined for OS
 - > Video conferencing make OS “IP terminal” for “real-time voice”?

Questions/issues from OS, cont.

- “Systems that support real-time voice” (5-B) bad language; applies to an OS transmitting audio packets?
- “Systems which have the capacity to transmit video, text and voice communications” (5-H) would apply to all Oses
 - > Every OS can transmit video, voice (packets on a network)
- OS includes media playing/editing s/w. We only worry about authoring, not content format for these, right?
 - > Read/write ODF, PDF, etc. but we don't evaluate formats in OS

Question/issues from server/storage

- *Freestanding* provision (2.1-B from closed) generally can't be met by large servers – they have to be large by design
- *Standard Connection* (2.1-C from desktop) of little value in servers & storage – controlled remotely via network
- *Touch Operated* provision (2.1-A from closed) doesn't clearly recognize remote operation
- Does *mechanical controls* provision (2.2-A from desktop) apply to tape insertion? Other things?
- *Audio Connection* (2.3-C from closed) of little value for servers, storage (which typically just “beep”) - especially when have full remote interface via network

StorageTek™ Tape Robot

- Physical access needed to this?
Note touchscreen & tape loading bay column



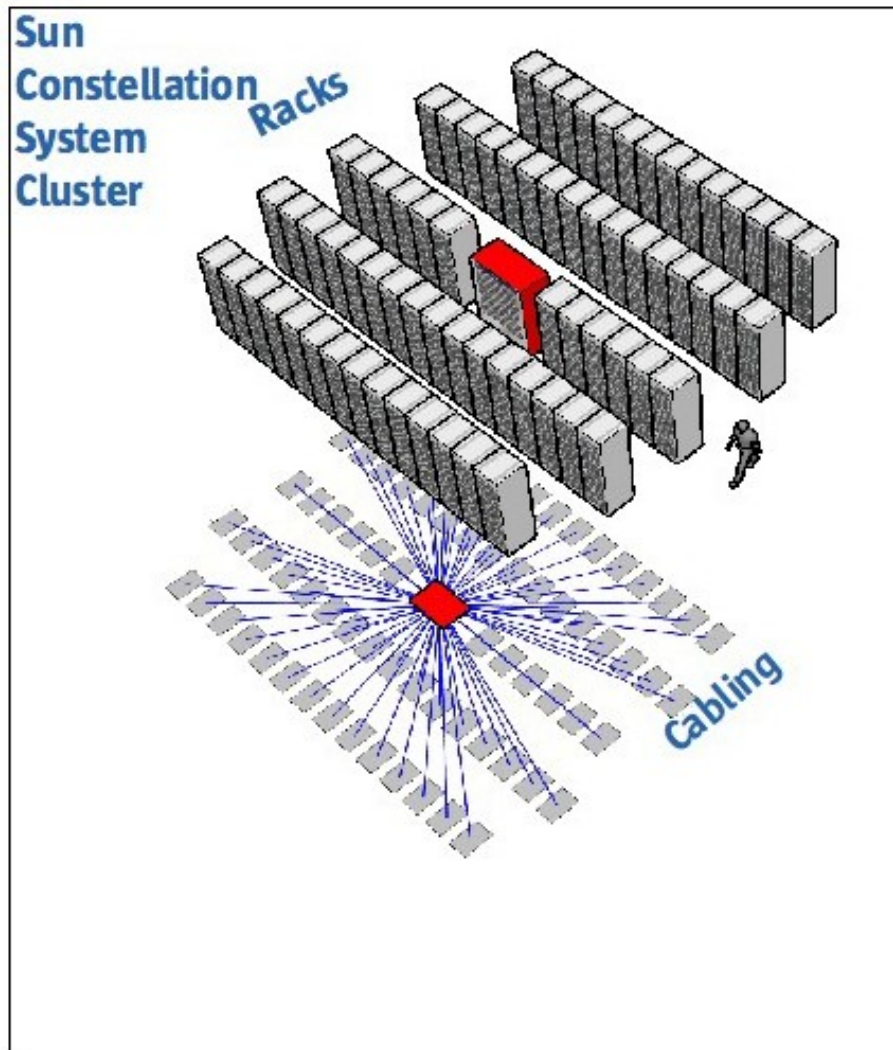
Blade chassis / server system

- Some rack placements above 48", 54"



- Why have “standard” ports, slots?
For a Braille display, magnifying video card?
- Designed for remote operating; need audio jack for beeps?

Density matters in a supercomputer



- Put max. # components into supercomputer cluster as possible
- Make them tall!
- Make them close to each other (narrow isles)
- Cabling underneath the floor

Data Center in a box; density matters a lot here too... as does remote operation



Question/issues from on-line course

- Course is for hardware maintenance, do standards apply?
- Functional criteria: for a Flash-based course? answer depends upon which OS you run it on... Also, cognitive impairment support for hardware maintenance?
- User prefs (3.2-C): what to do if Flash doesn't support?
- AT interop (3.4-A): what to do if Flash doesn't support? What if Flash supports on some OSes but not all?
- Captions/Transcripts (6.3-B): caption requirement for voice-over of a video showing hardware removal?
- Video description (6.3-C): why isn't a text manual OK? Need to video describe hand moving screwdriver?



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