Recommended Hardware in SCS

Presented by Beth Lynn Eicher

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• SCS Facilities News 10 minutes
• Today's Tech Talk: "Recommended Hardware in SCS" 20 minutes
• Questions and Answers 10 minutes
• CMU System Administrator of the Month
Two new units in place
Turn on date?
Facilities News – We're Hiring!

• Web applications Developer/Programmer (posting # 2444)
• Oracle Applications Programmer (posting # 2392)
• Manager of Unix Engineering (posting # 2340)
Facilities News -
End of an Era Retirements

- SCS Facilities has retired the SGI/Irix platform.
- All UX machines have been retired
- Project mail drop accounts will be migrated to CORVID starting now
- Red Hat 7.1 machines must be upgraded
Facilities News – Beta Testers for FC5

We need beta-testers who will be using the OS heavily and reporting problems in order to have the release ready for the incoming grad. students.

If you are interested in being a beta-tester, e-mail Ken Tew (ken2@cmu.edu).

Please include what type of machine you have, how it is used (test machine, desktop, secondary desktop, etc), and what critical applications it runs.
Feature presentation

Recommended Hardware in SCS
Recommended Dell Hardware

- 4 configs for servers, desktops and laptops, sorry, can't tell you
- we have a recommended page and so does the computer store
- Only certain buyers under NDA can fully access the Premier website
- 4 year Dell warranty with accidental damage
Computer Store

- Changes
  - in the rear of the bookstore
  - part of Retail Services (not Andrew)
- stock our current dell desktop recommended config
- stock campus recommended laptops
- weeks to a month turn around time for what is not in stock
- Recent computer store fliers available
Recommended Desktop Config

Dell Optiplex GX620 MT

- upgrades OK for RAM and HD
- our configurations are already competitive at 2GB and 160GB respectively
- already has Dell's best video card for the 620
- there's a delay if you remove the monitor and it doesn't save you much money anyhow
Grad Student Hardware Config

- Dell Optiplex620 MT
- The only difference is the Dual Core processor
- Known-working hardware allowed us to focus on getting it to work with FC5
- Dell ships the latest in greatest in August – they are working on Intel's schedule
Why you should use SCS Facilities
Purchasing for all hardware purchases

• All credit card purchases must have a justification report and provide a receipt for all purchases over $25.
• Facilities can give you a consultation to insure that your hardware order will work with your intended OS
• We might have the part in stock
• Contact us at purchasing@cs.cmu.edu
Boy oh boy do we have parts!

- 3473867 cubic feet of used parts
- 126105 cubic feet of new parts
- 60480 cubic feet of new or refurbished disks for servers and raids
- Not counting personal stashes in offices, UPS units, or operations stock (printer and projector parts)
Used Parts

• What we have
CRT monitors, whole systems, laptop parts, cables and cords, sound cards, ethernet cards, speakers, keyboards, mice, drives, power supplies, etc.
• What we do not have
LCD monitors
New Parts

• What we stock
  hard drives, cd/dvd drives, dual output video cards (AGP and PCIe), memory, cpus, network cards, dvi to svga adapters, PS2 to USB adapters
• Why we can't list it
  - stock rotates frequently
  - price could change daily
How to buy a part that is in stock

- If it's used and you need – you get it
- If it's a swap due to broken hardware – then we handle the exchange and give you the part
- If it's a new part that you want for a system upgrade – we'll install it, once you are sure it works you pay
- Charge the going rate on newegg, just give us your oracle string
- If it arrives before 4pm we will notify you that business day
Why we recommend you pay for both FAC hardware support and vendor warranty

- As we learned before, we keep lots of parts in stock for those who pay for facilities hardware support
- We are professional technicians who can service the system on site.
- Let us interface with the vendor
  - email and phone tag
  - proving when a part or system was purchased
  - some vendors want a deposit for parts exchange
  - don't sit around waiting the the carrier
Conclusion

Use SCS Facilities for all of your hardware purchases and you will be pleased with the purchasing, pre-sale recommendation consultation, and installation experience!
Questions?

- Recommended Dell configurations
- Computer store
- The benefits of using SCS Facilities purchasing
- Parts we stock and obtaining them
- The benefits of vendor warranty with SCS Facilities hardware support
CMU System Administrator of the Month

KC Marshall of SCS Facilities