

UMD Computer Cluster Update

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- New system admin hired
- Planned updates and changes to cluster
- RedHat 9
- New Stuff

New system administrator

- We've hired a undergraduate student to help us out with system administration tasks on the computer cluster.
- Jamel Stephens
 - Email: jstep@umdgrb.umd.edu
 - Part time, works 3-4 days a week
- He's working on:
 - New tools (monitoring, PBS, etc.)
 - Routine maintenance

Planned downtime after meeting

- We plan some downtime of the computer cluster for later this month, just a couple of days to:
 - Reorganize disk locations
 - Replace some older, slower disk hardware
 - Servers become nodes: lyra, crux, lepus, volans, pavo(?)
 - Expanded scratch partition for user data
 - Operating system upgrades.
 - New UPS system

RedHat 9?

- We plan to upgrade all our systems to RH 9.
 - Support for RH 7.3 going away later this year.
- I've heard lots of second hand information regarding problems with RH9.
 - Problems with root, library problems, etc.
 - This is your chance to contact us about issues you've had before all RH 7.3 machines are upgraded.
 - Let's work them out before the upgrade.

New Stuff

- Batch queue system for “worker” nodes.
 - CetusXX computer cluster will be getting a little bigger when some old servers are moved there.
- Jamel is working to get a web status page going
 - System loads, etc
 - Which computers are servers
 - Which computers are/aren't on the gigabit network.