

High Performance Computing at ICER

[Recent Announcements:](#)



[Rolling Reboots of Gateways and Development Nodes](#)

Steven Ford posted on Apr 09, 2021

We will be performing rolling reboots of gateways and development nodes during the week of April 12th. These reboots are required to update the client side of our high performance file system. Reboots will occur overnight and servers are expected to be back online before morning. Servers will be rebooted according to the following schedule: April 12th at 4:00 AM: gateway-00, gateway-03 April 13th at 4:00 AM: globus-02, rdpgw-01, dev-intel14,...



[2021-03-23 GPFS home outage \(resolved\)](#)

HPCC Admin posted on Mar 23, 2021

Our home system is currently down due to an internal error in the storage system. Users may see 'Stale File Handle' errors on nodes or in jobs. We're working with the vendor to gather data and . No ETA on recovery yet. 14:00 - The home filesystem continues to be offline at this time, however, we are working with the vendor and anticipate a fix shortly. Another update will be provided at 14:30. 14:30 - A filesystem check is currently being run on home,...

- [maintenance](#)



[HPCC Networking Performance Issues](#)

Nicholas Anthony Rahme posted on Mar 23, 2021

12:30pm EDT - Nodes are currently losing connection to /mnt/ufs18. Home and Research spaces are affected. Our system administrators are working on resolving the issue. 10:20am EDT - We are currently experiencing networking issues with the HPCC firewall, causing intermittent connection disruptions and generally degraded performance. We are working to resolve this issue as quickly as possible and will provide further updates.

[See More ...](#)

Obtaining HPCC accounts

Accounts must be requested by a MSU faculty member by filling out [this form](#) and existing MSU IDs are required. More information at <https://icer.msu.edu/users/getting-started>

Buy-in options

If you want to have priority access to our clusters, you can [purchase buy-in nodes](#).

Questions?

If you have questions and couldn't find answers in this documentation, please [submit a ticket](#).

Online helpdesk hours

Monday and Thursday, 1-2pm at [Help Desk Channel](#) (Check [here](#) for more info)

Registration for HPCC workshops

Our monthly workshops cover introductions to Linux, HPCC, and some popular software tools. Check out our [training website](#).

Acknowledgements

We encourage HPCC users to acknowledge iCER/MSU in publications arising from simulations performed on our resources. Let us know that we have been referenced, and we will link to your publication on our publication site, which will further increase the visibility of your work. A sample statement can be: "This work was supported in part through computational resources and services provided by the Institute for Cyber-Enabled Research at Michigan State University."

