UNIVERSITY OF MICHIGAN   **Francesca Delmolino <fdelmoli@umich.edu>**

Ticket 6229522 Comment Added: "Great Lakes: Jobs keep can..."

U-M Information and Technology Services <4help@umich.edu>   Mon, Apr 22, 2024 at 11:01 AM
Reply-To: 4help@umich.edu
To: Francesca Delmolino <fdelmoli@umich.edu>

Jason Sonk updated **Great Lakes: Jobs keep cancelling, Ticket Number** 6229522.

Details of your ticket:

Hello Francesca,

I see two jobs that you have tried to run.
The first you ran through the web browser session.
That one has an state message that says "Out of Memory".
So whatever process you were running tried to use more memory than what you requested.
It looks like you only requested 1GB of memory for this job, so you'll want to request more memory in the future.

The second job looks like it was requested from the command line using "salloc --mem-per-cpu=1GB".

That isn't really enough information to setup a job on the cluster. Since you didn't request memory or cpus you would get the minimum of 1 cpu and 768MB of memory. If you need to request an interactive job you'll want to use something that looks closer to:
salloc --partition=gpu --account=eecs448w24_class --time=01:00:00 --nodes=1 --cpus-per-task=1 --mem=1G --gpus-per-node=1

You might want to review how you requested resources within the course as well.

Please let me know if you have any other questions.

Best regards,
Jason Sonk
CoE Research Computing

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