Why did I receive a "MOAB job resource violation" email?

Tell Me

1. If you have received an email from the batch scheduler, stating that you've had a "moab job resource violation," then your job was cancelled because it used more resources than what was requested in your submit script. The most common violation is for using more RAM that your job requested, which will be revealed in the body of the email, like so:

   job 1193978 exceeded MEM usage soft limit

1. If you did NOT specify an amount of RAM in your job's submit script and you received the "MEM usage soft limit" email, then you elected to accept the default, and the default amount of RAM was not enough for your job to complete. Currently, for Copperhead compute nodes, the default amount of RAM given to a job is 2GB/core.

   If you would like to know how much RAM your compute job is using on the cluster, consider adding the prologue/epilogue into your submit script, which will give you additional job information in your job output log.

Related FAQs

- What is Identity Finder and what does it do?
- What happens if Identity Finder finds SSNs or credit card numbers on a computer?
- Does Identity Finder scan University computers when they are off campus?
- Will the Identity Finder scan affect my computer's performance?
- What types of data, or information, does Identity Finder look for?