**Blue Waters Petascale Semester Curriculum v1.0**

**Unit 3: Using a Cluster**

**Lesson 8: Scaling on a Cluster 3**

**Sample Assessment**

*Developed by Michael N. Groves for the Shodor Education Foundation, Inc.*



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*Browse and search the full curriculum at*[*http://shodor.org/petascale/materials/semester-curriculum*](http://shodor.org/petascale/materials/semester-curriculum)

*We welcome your improvements! You can submit your proposed changes to this material and the rest of the curriculum in our GitHub repository at*[*https://github.com/shodor-education/petascale-semester-curriculum*](https://github.com/shodor-education/petascale-semester-curriculum)

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The assessment for this lesson could be focused on two aspects:

1. Can students identify the status of their jobs submitted to a scheduler
2. Can students understand how modifying the amount of resources assigned to their job changes the speed-up of their job.