How to request access to CDER:

Instructor should request an account using the link below. This step will generate a GSU RS-ID for the user. Then each student should request their individual GSU RS-ID. Instructor should send the class list with GSU RS-IDs to hpc@rs.gsu.edu. This step will complete the account creating process and users will receive an email with instruction on how to log in to the system.

To request GSU RS-ID to CDER, please navigate to https://rsaccounts.rs.gsu.edu/

Logging into CDER

How to Submit a Job on CDER

Maintenance Schedule

CDER is an NSF funded cluster through Award CNS-1205650 "Collaborative Research: CI-ADOO-NEW: Parallel and Distributed Computing Curriculum Development and Educational Resources.

<table>
<thead>
<tr>
<th>Node name</th>
<th>CPUs</th>
<th>Cores/ CPU</th>
<th>Memory GB</th>
<th>GPU</th>
<th>GPU type</th>
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</thead>
<tbody>
<tr>
<td>CDER01</td>
<td>2 * Intel(R) Xeon(R) CPU E5-2620 v3 @ 2.40GHz</td>
<td>6</td>
<td>64</td>
<td>Yes</td>
<td>GeForce GTX 980</td>
</tr>
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<td>CDER02</td>
<td>2 * Intel(R) Xeon(R) CPU E5-2620 v3 @ 2.40GHz</td>
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<td>Yes</td>
<td>GeForce GTX TITAN Xp</td>
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<td>CDER[04-14]</td>
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<td>CDER[15-26]</td>
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<td>CDER[27-28]</td>
<td>2 * Intel(R) Xeon(R) Silver 4114 CPU @ 2.20GHz</td>
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<td>384</td>
<td>Yes</td>
<td>2 * NVIDIA V100 16 GB PCIe</td>
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</tbody>
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- CentOS 7.5 64-bit
- SLURM Scheduler
- InfiniBand QDR Interconnect