Quick Start

1. Log into the cluster via SSH. (Recommended SSH client software: PuTTY/MobaXterm for Windows, iterm2/Terminus for Mac.)

   For example:

   ```
   ssh [username]@[hostname]
   ```

   **IMPORTANT!** If this is your first time logging into the system, please update your account IMMEDIATELY with a strong password using the command line:

   ```
   passwd [username]
   ```

2. Log into the Docker Container using received `container-id`.

   ```
   sudo docker attach [container-id]
   ```

3. You are sudo user in the container now. Get started with your program!

4. Detach from the container using the command: Ctrl+P followed by Ctrl+Q. The container will be stopped if you exit the container (e.g., using the command `exit`). If you want to keep the container running, please use the detach command.

   **Start the container if you accidentally exit it:**

   ```
   sudo docker start [container-id]
   ```

   **Restart the container if required:**

   ```
   sudo docker restart [container-id]
   ```

   **Copy files from/to the container**
sudo docker cp [OPTIONS] [container-id]:[src_path] [dest_path]
sudo docker cp [OPTIONS] [src_path] [container-id]:[dest_path]

More details at https://docs.docker.com/engine/reference/commandline/cp/

If you need a large space of storage (>200GB), please contact the administrator to create a volume for your container without the need of copying the files.

**Tips**

1. Want to keep your program running after network disconnection?
   

2. Check the status of GPU devices

   nvidia-smi

3. Select a GPU device for your program if you have multiple GPUs

   CUDA_VISIBLE_DEVICES=[GPU-IDs] python your_program.py