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Compute Resources

Have questions or need help with compute, including activation or issues? Follow this link.

User Agreement

Docker Usage

The information on this page assumes that you have a knowledge base of using Docker to create images and push them to a repository for use. If you need to review that information, please see the links below.

https://washu.atlassian.net/wiki/spaces/RUD/pages/1705115761/Docker+and+the+RIS+Compute1+Platform?atlOrigin=eyJpljoiNzc4YTZjNjlxYmQwNGI3OTk4M2Q0M\

https://washu.atlassian.net/wiki/spaces/RUD/pages/1864892726/Docker+Basics+Building+Tagging+Pushing+A+Custom+Docker+Image?atlOrigin=eyJpljoiMTVjMjNIM

storageN

The use of storageN within these documents indicates that any storage platform can be used.

Current available storage platforms:

storage1

storage2

Image Details

Docker image hosted at http://ghcr.io/washu-it-ris/aspera-connect

IBM Aspera Connect

Interactive Job

Environment Variables

The Aspera SCP Password provided needs to be set as a variable.

The directory where the provided ssh key is saved needs to be included.

 $\textbf{E.g. The ssh key is saved in } / \texttt{storageN/fs1/${ALLOCATION_NAME}} / \texttt{Active/aspera_key} \\$

A job should be submitted with the following information to create an interactive job.

Once the job is running, Aspera commands can be used. Like in the following.

Download Files

 $The \ example \ is \ for \ a \ test \ file \ to \ make \ sure \ Aspera \ works. \ Replace \ \verb|'asp-dbgap@gap-submit.ncbi.nlm.nih.gov:test' \ with \ the \ file \ to \ be \ downloaded.$

It is recommended that files are transfered individually and to use scripting loops to download batches.

Docker Image

]]>

Available Versions

Current Version:

ghcr.io/washu-it-ris/aspera-connect

ubuntu20