

Get Started on SDF - Cheat Sheet

Here is a very brief introduction to SLAC's new SDF cluster. **Description in progress as of 2021-11-16.**

This assumes you already have a unix account created and your main intent is to run the Science Tools.

You will need to get a windows account; ask Regina Matter to help you with that. You authenticate with your windows account password, but log in to your unix account.

- see this [documentation](#) for a simple portal to get a windows account if you already have a unix one.
- you can access SDF remotely via No Machine. See [here](#) for how to set it up for SDF.

See sdf.slac.stanford.edu for documentation on logging in, the slurm batch system and so on.

Disk space:

- your home directory is in lustre with 20 GB of space. This space is backed up and is where code etc should go. This is also true for conda environments.
- We're still providing additional user space from the old cluster, available on request via the slac-helist mailing list. It is **not** backed up. This space is natively gpfs
 - gpfs: /gpfs/slac/fermi/fs2/u/<your_dir>

Access to Science Tools installs (note that this also provides a conda installation so you don't need to install conda yourself)

- [link](#)

Running in a RHEL6 Singularity container (for apps that are not portable to RHEL/Centos7)

- [link](#)

Links:

[Running on SLAC Central Linux](#) (note: this is generic advice to running in batch since the actual batch system has changed and we have not updated the doc to reflect that. This is advice on copying data to local scratch etc).