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Dedicated Resources

You can find out if your project is entitled to dedicated resources by running the command:

```
$ qsumm
```

It will return a list of reservations and the number of cpus that is connected to the reservation. If it only shows something like this

```
---------------------------------
Account          Limit  nRun nPend
---------------------------------
p11               1536     0     0
Total             1536  1506     0
---------------------------------
Reservation foo:
p11_foo            416     0     0
Total              416   311  4712
---------------------------------
```

your project **has** access to dedicated resources in the reservation *foo*. If your project has access to several reservations, each of them will be listed in the output of `qsumm`.

You will be able to run in your dedicated nodes using

```
$ sbatch --account=pNN_reservationname ...
```

So, for instance, if a user in the p11 project wants to use the *foo* reservation, **instead** of using `--account=p11`, she should use `--account=p11_foo`. (Note: there is no need to add `--reservation=foo`; it will be added automatically when `--account=p11_foo` is used.)

Per April 1st 2021, projects that do not have a Sigma2 quota can submit to the `tsd` reservation using

```
$ sbatch --account=pNN_tsd ...
```

To prioritize among jobs on dedicated resources, please use "nice" settings. By default everyone gets top priority on the nice settings, so each project must internally agree on nice settings. See https://slurm.schedmd.com/sbatch.html.

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