

# Day-to-day Administration: How do I set per-user resource limits with Cgroups?

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You can use cgroups to set various resource limits for users. For example, you might add an entry like this to `/etc/cgconfig.conf` for restricting memory usage by users:

```
group memlimit {
  memory {
    memory.limit_in_bytes = 4294967296;
  }
}
```

That creates a memlimit cgroup with a memory limit of about 4 GB.

In `/etc/cgrules.conf`, you will need to add entries that map users to that memlimit cgroup. Here's an example of adding an individual user entry:

```
sean memory memlimit/
```

Now all of user sean's processes will run in the memlimit cgroups and be bound to its memory limit. For details on how to add groups or other types of entries, you may refer to the man page for `cgrules.conf`:

```
# man 5 cgrules.conf
Unique solution ID: #1470
Author: Sean Eubanks
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```