

## Logs

- View system logs and messages:

```
less /var/log/messages
```

- View system logs and message in Debian-based distros:

```
less /var/log/syslog
```

- View authentication logs:

```
less /var/log/auth.log
```

- View authentication logs in RHEL-based distributions:

```
less /var/log/secure
```

- View system boot logs:

```
less /var/log/boot.log
```

- View cron job logs:

```
less /var/log/chron.log
```

- View kernel logs:

```
less /var/log/kern.log
```

- View messages from the kernel ring buffer:

```
dmesg
```

- View authentication failure logs:

```
less /var/log/faillog
```

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## Processes

- View a snapshot of current running processes:

```
ps
```

- View a dynamic real-time view of running processes:

```
top
```

- Dump all running processes in BSD syntax:

```
ps aux
```

- Dump all running processes in Linux syntax:

```
ps -eF
```

- View all running processes for a user in BSD syntax:

```
ps aux | grep -E "^user"
```

- View number of running processes:

```
ps aux | wc -l
```

- View files associated with a process:

```
ll /proc/[PID]
```