Storage and Scratch

Home Directory

Every user has a personal home directory at `/home/your_username`. This is your default working directory when you log in.

- Backed up via Legato — see TAU backup info
- For purchasing additional storage, see storage pricing
- NetApp storage includes snapshots for file recovery

Scratch Partitions

Scratch partitions are shared, high-speed temporary storage available across the cluster:

- `/scratch100`
- `/scratch200`
- `/scratch300`

Use scratch for intermediate files during a job run — not for long-term storage.

Local Scratch

Some compute nodes and workstations have a local `/localscratch` partition. This is node-local storage — faster than shared scratch but only accessible from that specific node.

If your job uses `/localscratch`, you must clean up after yourself. Add this to your job script:

```
export CACHEDIR=/localscratch/${USER}_${SLURM_JOB_ID}
mkdir -p $CACHEDIR

cleanup() {
```

```
  rm -rf -- "$CACHEDIR" || true
}
trap cleanup EXIT INT TERM HUP
```

Important

- **Scratch is not backed up** — do not store anything you cannot afford to lose
- Clean up scratch files after your job completes
- Do not use scratch as a permanent storage location

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