

Luna (Backup Server)

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Luna is the secondary compute and backup node for the Flora Family homelab. It serves as the primary replication target for Terra.

☐☐ System Status

- **Current Status:** **ONLINE** (Recovered 2026-02-25)
- **Role:** ZFS Replication Target, Thermal Monitoring
- **Observability:** Fully integrated into the Vector/ClickHouse logging pipeline (Feb 2026).

☐☐ Storage Architecture (ZFS)

- **Pool Configuration:** Striped Raid-Z1 vdevs
- **Capacity:**
 - 4x 4TB Drives
 - 4x 3TB Drives

☐☐ Monitoring

- **Integrated Script:** `/usr/local/bin/cpu_temp.sh` (Runs via CRON every 5 minutes)
- **Reporting:** Logs to ClickHouse via Vector.
- **Average Temps:** ~46°C - 48°C (Idle/Light load)

⚙ Software & Management

- **Management:** Syncoid target for Terra's datasets.

- **Logging:** Migrated from Fluent-Bit to Vector (Feb 25, 2026).
- **Sanoid:** Configured with `--quiet` to reduce log spam from snapshot cleanup.
- **Timezone:** Correctly set to `America/New_York (EST)`. System clock and Vector timestamps are aligned.

☐☐ Recovery Notes (Feb 2026)

- Luna was brought back online after an outage.
- Vector configuration synchronized via Ansible with Terra.
- Verified successful `syncoid` backup completions from Terra at 07:44 AM EST (Feb 25).

Revision #2

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