

Homelab Project – Docker Installation Summary

Host System Information

- Hostname: t430-beast
- User: aidenm727
- Operating System: Ubuntu 24.04.4 LTS (Noble Numbat)
- Kernel: 6.8.0-100-generic
- Primary Interface: enp0s25 (Ethernet)
- IP Address: 10.0.0.136/24

Pre-Installation Steps

- System updated via apt update && apt upgrade
- System rebooted to ensure clean baseline
- Change log initiated at ~/homelab/docs/changes.log

Docker Installation Process

- Installed prerequisites: ca-certificates, curl, gnupg
- Added Docker official GPG key to /etc/apt/keyrings/docker.gpg
- Added Docker apt repository for Ubuntu noble (stable channel)
- Installed docker-ce, docker-ce-cli, containerd.io, buildx plugin, compose plugin
- Enabled Docker service on boot via systemctl enable --now docker
- Verified service active and running

Post-Installation Configuration

- Verified runtime using docker run hello-world
- Added user to docker group for non-root access
- Configured log rotation (json-file, 10MB max size, 3 files max)
- Restarted Docker and verified logging driver configuration
- Confirmed logging driver: json-file

Resulting System State

- Fully functional Docker container host
- Service enabled on boot
- Non-root Docker usage enabled
- Log rotation configured to prevent disk growth issues

- Clean documentation trail maintained throughout installation

Phase Status: COMPLETE