Revamping a 1TB Hard Drive into a Raspberry Pi NAS with OpenMediaVault

This project documents a practical home lab build that repurposes a 1TB external hard drive into a Raspberry Pi NAS using OpenMediaVault.

The goal was to create a low cost storage solution while working through setup, networking, configuration, and troubleshooting decisions along the way.

The build highlights hands on problem solving, documentation, and the ability to turn a simple hardware project into a clean technical write up that is easy to review.