**Network Attached Storage (NAS) Using Raspberry Pi 5**

Introduction:

Since messing around with Tails OS and Kali Linux my Ras Pi has been gathering dust. I want to put it to good use. One of the first ideas for the pi that intrigued me was using it for cloud/network attached storage, NAS. For the most part I followed the tutorial:

https://www.youtube.com/watch?v=gyMpI8csWis&t=145s

OpenMediaVault is a free Debian-based Linux distro that turns PC->NAS.

Notes on Method:

First I had to clone my SD card containing Kali Linux img. I have one v high quality 128Gb Sandisk Extreme SD card that I want to use for the NAS, previously used for Kali Linux. Ideally I want options for storage, so I’ll be using a cheap solid state drive in conjunction with the SD. I used Win32DiskImager to clone and store the previous Kali Linux img at a more permanent location. Then I used Raspberry Pi Imager to write Raspberry Pi OS Lite to the SD card. I enabled SSH as I was planning on a headless install using my Mac.

Tested using WiFi (not recommended), then moved to ethernet.

Step 1: sudo apt update && sudo apt upgrade

Update all packages

Step 2: wget -O - https://raw.githubusercontent.com/OpenMediaVault-Plugin-Developers/installScript/master/install | sudo bash

Downloads & installs OpenMediaVault using bash

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It works!

A computer screen shot of a computer

AI-generated content may be incorrect. A circuit board with wires

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