Home Network / Automation redo September 2023

Install Proxmox from TechnoTim website.

Install Ubuntu in VM from TechnoTim – notably - sudo apt-get install qemu-guest-agent

Install Docker based on HomeAutomationGuy - <https://www.homeautomationguy.io>

* Also Docker Compose
* Home Assistant in Docker
* Add-Ons via Docker containers for Home Assistant
* May USB from Ubuntu after mapping in Proxmox
* Zigbee and ZWAVE configure

\*\* NOTE – Installed version 23.04 on ubuntu03 server on 15 September 2023!

For Ubuntu 23.04, use this for Docker install: <https://docs.docker.com/engine/install/ubuntu/>

For Portainer, use Environments, Add, Docker Standalone, Agent. Copy the agent docker command and run on target server. Then configure the rest!

192.168.1.33 for Ubuntu01

* Proxmox – port 8006 – hosting the VMs
* Homebridge – port 8581
* Portainer – port 9000
* ZWAVE – port 8091
* Duplicati for backups – port 8200 - <https://www.youtube.com/watch?v=pJqPhYXeulk>
* Heimdall – port 9106 – use for menu to apps
* Plex\*\* – port 32400
* Netdata – port 19999

Using Cloudflare Tunnel for remote access. Find Network Chuck for that. Need to use the Cloudflared docker run to configure.

192.168.24.33 for Ubuntu02

* Radarr\*\* – port 7878
* Sonarr \*\*– port 8989
* Transmission \*\* - port 9091
* Jackett \*\* - port 9117
* Netdata – port 19999

192.168.1.34 for Ubuntu03

\*\* Plex, Radarr, Sonarr, and Transmission use NFS volumes mounted in Portainer. Make sure NAS is set to allow from IP address ranges for NFS permission.

Adding Twingate container on ubuntu03 server.