

Self-Hosted Services

- [Server & Network Infrastructure](#)
- [This Bookstack Instance](#)
- [Other Self-Hosted Services](#)
- [Domain Names & DNS](#)
- [How to Keep Running or Shut Down](#)

Server & Network Infrastructure

For deep technical details, see "2 - Network Info" and "3 - Computers / Servers" on the Current Info shelf. This page is the executive summary.

What's Running and Why

The home runs two Unraid servers (plus supporting network infrastructure) that host media streaming, home automation, document management, DNS/ad-blocking, backups, and this documentation wiki. Everything runs on the 10.100.100.0/24 network. The primary server ("BlizzRAID") does the heavy lifting; the backup server provides redundancy and additional services.

Server Hardware

Name / Role	Type	IP Address	OS	Storage	Notes
-------------	------	------------	----	---------	-------

BlizzRAID (Main Server)	Unraid Tower	10.100.100.4	Unraid 7.3.2 (Lifetime license)	4x 18 TB array (54 TB total, ~39 TB used), 2 TB NVMe cache, 1 TB passthrough	Runs most Docker containers and VMs. Hosts Plex, *arr stack, Home Assistant, Bookstack, and more. Login: 1Pass - Blizzraid
Unraid Backup	Unraid Tower	10.100.100.5	Unraid	7x 1 TB array (7 TB total, ~3.4 TB used) + 1 TB parity	Backup server with NFS mounts from BlizzRAID. Runs AdGuard, Cloudflared tunnel, DHCP VM. Login: 1Pass - Unraid Backup
Blizzard-AD (File Server)	Windows Server	10.100.100.15	Windows (Active Directory)		Active Directory domain controller and file shares. Also runs DHCP.
Ubuntu Server	VM on BlizzRAID	10.100.100.6	Ubuntu 24.04	500 GB vdisk	General purpose Linux server

Virtual Machines (on BlizzRAID - 10.100.100.4)

VM Name	Status	CPUs	RAM	IP Address	Purpose
HomeAssistant	Running	4	8 GB	10.100.100.20	Smart home automation (port 8023)
DHCP - 2	Running	2	4 GB	10.100.100.61	DHCP server
Homepage	Running	2	4 GB		Homepage dashboard server
Ubuntu	Running	2	8 GB	10.100.100.6	General Linux server
Web	Running	2	8 GB		Web server (has 1 snapshot)
web-fin	Running	4	8 GB		Web/finance server
LanTools	Running	1	4 GB		Network tools
ControlR	Stopped	2	8 GB		Remote control

Virtual Machines (on Backup Server -

10.100.100.5)

VM Name	Status	CPUs	RAM	Purpose
DHCP	Running	2	4 GB	DHCP server (redundant)

Network Equipment

Device	Brand / Model	IP Address	Notes
Router / Firewall	Gloud Gateway Ultra	10.100.100.1	Runs Unifi Network Controller. Login: admin / in password manager
Managed Switch	Netgear	10.100.100.2	
POE Switch	Cisco 24-port	10.100.100.3	In office closet, powers APs and cameras
8-Port Switch	Ubiquiti US-8-60W	10.100.100.210	
WiFi AP - House	Ubiquiti UniFi	10.100.100.211	
WiFi AP - Mike	Ubiquiti UniFi	10.100.100.212	
WiFi AP - Driveway	Ubiquiti UniFi	10.100.100.132	
WiFi AP - Deck	Ubiquiti UniFi	10.100.100.136	
Unifi Controller	Software (Docker)	10.100.100.72	Hosted on Backup server (10.100.100.5). Manages all WiFi APs.

How to Access the Servers

Both Unraid servers have web-based management interfaces:

- **BlizzRAID (Main):** <http://10.100.100.4> - Credentials in 1Password under "Blizzraid"
- **Unraid Backup:** <http://10.100.100.5> - Credentials in 1Password under "Unraid Backup"
- **File Server (AD):** 10.100.100.15 - Windows login: administrator / in password manager
- **Router:** <http://10.100.100.1> - admin / in password manager

UPS / Power Protection

Steve: Fill in UPS details - what model, what it protects, battery runtime, and whether it triggers auto-shutdown.

This Bookstack Instance

About This Wiki

You're reading it right now. This Bookstack documentation wiki runs on the home server and is the central place for all household documentation.

URL	http://10.100.100.82/ (also https://docs.blizzhome.com)
Runs On	<i>[Which server — e.g., "Main server in Docker"]</i>
Admin Login	<i>See password manager under "Bookstack"</i>
Database	<i>[e.g., MySQL/MariaDB running alongside in Docker]</i>

Backups

[How is Bookstack backed up? Automated? Where do backups go? How to restore?]

If It Goes Down

[Quick steps to restart — e.g., "SSH into the server and run 'docker compose up -d' in /home/steve/bookstack" or "Restart the VM called 'bookstack' in Proxmox"]

If the Server Dies

If the server hardware fails entirely, this wiki goes with it unless backups are available. Consider keeping a printed or PDF copy of the "Read This First" book and the "Getting Access to Everything" chapter somewhere safe (like with the important documents in the safe).

Other Self-Hosted Services

All services below run on the home servers (BlizzRAID at 10.100.100.4 and Unraid Backup at 10.100.100.5). Web interfaces are accessible from inside the home network. Credentials are in 1Password unless noted otherwise.

Critical Services

Service	What It Does	URL	Server	Notes
Vaultwarden	Self-hosted password manager (Bitwarden compatible)	10.100.200.10	BlizzRAID	Contains all passwords. See Password Manager page.
AdGuard Home (x3)	Network DNS ad-blocking	10.100.100.16, 10.100.100.17, 10.100.100.18	Both servers	Three instances for redundancy. If all go down, change DNS on DHCP server. Ask Adam A. for help.
Nginx Proxy Manager	Reverse proxy for all services	http://10.100.100.98	BlizzRAID	Routes external traffic to internal services via Cloudflare tunnel

Service	What It Does	URL	Server	Notes
Cloudflared Tunnel (x2)	Secure external access without port forwarding		Both servers	Connects services to Cloudflare for external access
MariaDB	Database server	10.100.100.81	BlizzRAID	Used by Bookstack and other services
Redis	In-memory database/cache	10.100.100.91	BlizzRAID	Used by Paperless-NGX and other services
Duplicati	Backup software	http://10.100.100.4:8200	BlizzRAID	Backs up server data to local and remote locations

Media & Entertainment

Service	What It Does	URL	Server	Notes
Plex	Primary media server (movies, TV, music)	http://10.100.100.11:32400	BlizzRAID	Media libraries: Movies, TV, 4K Movies, 4K TV, Classic TV, Music, and more
Jellyfin	Alternative media server	10.100.200.30	BlizzRAID	Open-source Plex alternative
Sonarr	TV show management & downloading	http://10.100.100.85	BlizzRAID	Automatically downloads TV episodes
Radarr	Movie management & downloading	http://10.100.100.87	BlizzRAID	Automatically downloads movies

Service	What It Does	URL	Server	Notes
Lidarr	Music management & downloading	10.100.200.16	BlizzRAID	Automatically downloads music
Readarr	Book/audiobook management	http://10.100.10.92	BlizzRAID	Automatically downloads ebooks
Prowlarr	Indexer manager for *arr apps	http://10.100.10.86	BlizzRAID	Manages download sources for Sonarr/Radarr/et c.
SABnzbd	Usenet download client	http://10.100.10.89	BlizzRAID	Downloads from Usenet (requires active Usenet subscription)
Bazarr	Subtitle management	10.100.200.6	BlizzRAID	Automatically downloads subtitles for movies & TV
Seerr	Media request manager	http://10.100.10.84	BlizzRAID	Lets family members request movies/TV shows (replaced Overseerr)
Censorarr	Content filtering for media	10.100.200.70	BlizzRAID	Filters content in media playback
Threadfin	IPTV/DVR proxy	http://10.100.10.83	BlizzRAID	Provides TV tuner emulation for Plex DVR
Plex-Auto-Languages	Plex helper		BlizzRAID	Automatically sets language preferences in Plex
Plex-Poster-Helper-2	Plex poster management	10.100.200.19	BlizzRAID	Manages custom poster artwork

Service	What It Does	URL	Server	Notes
Pinchflat (x2)	YouTube archiver	http://10.100.10.0.4:8945	Both servers	Archives YouTube content
Calibre	Ebook management	http://10.100.10.0.75	BlizzRAID	Ebook library manager

Home Automation & Smart Home

Service	What It Does	URL	Server	Notes
Home Assistant	Smart home automation hub	http://10.100.10.0.20:8023	BlizzRAID (VM)	Controls lights, sensors, automations. See Smart Home book on Current Info shelf.
Homey	Smart home hub (Athom)	10.100.100.93	BlizzRAID	Additional smart home platform
Homebridge	HomeKit bridge	http://10.100.10.0.4:8581	BlizzRAID	Exposes non-HomeKit devices to Apple Home
Hubitat (x2)	Smart home controllers	10.100.100.21 (Home), 10.100.100.22 (Mike)	Hardware devices	Zigbee/Z-Wave controllers

Productivity & Documents

Service	What It Does	URL	Server	Notes
Bookstack	Documentation wiki (this site)	http://10.100.10.82/ https://docs.blizzhome.com	BlizzRAID	See "This Bookstack Instance" page
Paperless-NGX	Document management system	http://10.100.10.90	BlizzRAID	Scans, OCRs, and organizes documents. Check for important docs!
Mealie	Recipe manager	http://10.100.10.39	BlizzRAID	Family recipe collection
n8n	Workflow automation	10.100.200.8	BlizzRAID	Automates tasks between services
Open WebUI	AI chat interface	10.100.200.50	BlizzRAID	Self-hosted AI chatbot interface

Photos & Security

Service	What It Does	URL	Server	Notes
Immich	Photo & video management	10.100.200.15	BlizzRAID	Google Photos alternative. Has its own PostgreSQL database (10.100.200.14).
Reolink Camera Server	Security cameras	http://10.100.10.80	Dedicated device	NVR for security cameras

Gaming & Other

Service	What It Does	URL	Server	Notes
AMP	Game server manager	10.100.200.25	BlizzRAID	Manages game servers (Minecraft, etc.)
Speedtest Tracker	Internet speed monitoring	http://10.100.10.0.7	BlizzRAID	Runs speed tests every 30 minutes
Tracearr	Media tracking	10.100.200.88	BlizzRAID	Tracks media activity
Octoprint	3D printer control	http://10.100.10.0.30:5000	Dedicated device	Controls 3D printer remotely
Caddy Proxy	Web server / reverse proxy	10.100.100.10		Additional reverse proxy
Networking Toolbox	Network diagnostics	http://10.100.10.0.4:3500	BlizzRAID	Network troubleshooting tools

Stopped / Inactive Services

These containers exist but are currently stopped. They can be started from the Unraid Docker page if needed:

Service	What It Does	Server
FlareSolvrr	Captcha solving proxy for *arr apps	BlizzRAID
AdGuardBuddy	AdGuard sync tool	BlizzRAID

Service	What It Does	Server
Wizarr	Plex invitation manager	BlizzRAID
Prismarr	Media management tool	BlizzRAID
TandoorRecipes	Alternative recipe manager	BlizzRAID
GoAccess-NPMLogs	Nginx Proxy Manager log viewer	BlizzRAID
Homepage	Dashboard/homepage app	BlizzRAID
BentoPDF	PDF generator	BlizzRAID
ConvertX	File converter	Backup
Morphos	File converter	Backup

Priority Guide

Critical - Needs to keep running: Vaultwarden, AdGuard Home, MariaDB, Redis, Duplicati, Nginx Proxy Manager

Important - Useful to keep but not urgent: Home Assistant, Plex, Paperless-NGX, Immich, Bookstack, SABnzbd

Nice to have - Can be shut down whenever: *arr stack, Jellyfin, Mealie, AMP, Speedtest, Pinchflat, Open WebUI, and everything else

Domain Names & DNS

Domains Owned

Domain	Registrar	Expiration	Auto-Renew?	What It's Used For
blizzhome.com	<i>[Registrar — e.g., Cloudflare, Namecheap, Google]</i>	<i>[Date]</i>	<i>[Yes/No]</i>	Home documentation (docs.blizzhome.com)
<i>[Other domain]</i>	<i>[Registrar]</i>	<i>[Date]</i>	<i>[Yes/No]</i>	<i>[Purpose]</i>

Registrar Login

See password manager — search for the registrar name (e.g., "Cloudflare," "Namecheap").

DNS Provider

DNS Managed By	<i>[Same as registrar? Cloudflare? Self-hosted?]</i>
How to Access	<i>[URL and login info]</i>

What to Do With Domains

Keep auto-renew on for any domain that matters (especially blizzhome.com if this wiki uses it). Domains that aren't needed can be allowed to expire. The registrar account credentials are in the password manager.

Dynamic DNS / Reverse Proxy

[If you use a dynamic DNS service or reverse proxy (e.g., Nginx Proxy Manager, Caddy, Traefik) to make services accessible, describe the setup here.]

How to Keep Running or Shut Down

Option 1: Keep Everything Running (Easiest Short-Term)

The servers and services will keep running on their own for weeks or months with no intervention. As long as the power stays on and the internet bill is paid, everything will just work. This buys you time to figure out what you want to do long-term.

Option 2: Keep Only the Essentials

If you want to simplify but keep some things:

1. **Keep running:** The password manager (if self-hosted), this Bookstack wiki, home automation, and DNS/ad-blocking
2. **Can shut down:** Media server, any hobby/project services
3. To stop a service: *[e.g., "SSH into the server and run 'docker stop [container-name]']"*

Option 3: Shut Everything Down

If you want to turn it all off:

1. **First:** Export/backup anything you want to keep:
 - This Bookstack wiki — *[how to export, e.g., "Settings > Maintenance > Export" or backup files]*
 - Any files on the NAS/server — *[copy to an external drive or cloud]*
 - Photos/media — *[where they are and how to copy them]*
2. **Then:** You can simply power off the server. Nothing bad will happen. The smart home devices will still work locally (lights, locks) but automations will stop.
3. **WiFi and internet** will keep working — those run on separate equipment (router/access points), not the server.

Getting Help

If you need someone technical to help with the servers, reach out to:

- *[Trusted tech-savvy friend/family member name and contact]*
- *[Local IT professional or MSP if applicable]*

The detailed technical docs are in the "**2 - Network Info**" and "**3 - Computers / Servers**" books — a knowledgeable person can follow those.