

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.

Revision #2

Created 2026-08-23 22:39:46 UTC by Steve Blizzard

Updated 2026-08-24 03:49:43 UTC by Steve Blizzard