

# qui3tly.cloud Infrastructure Documentation

qui3tly

January 2026

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# 1 quietly.cloud Infrastructure

**Last Updated:** 2026-01-17

**Status:** Production

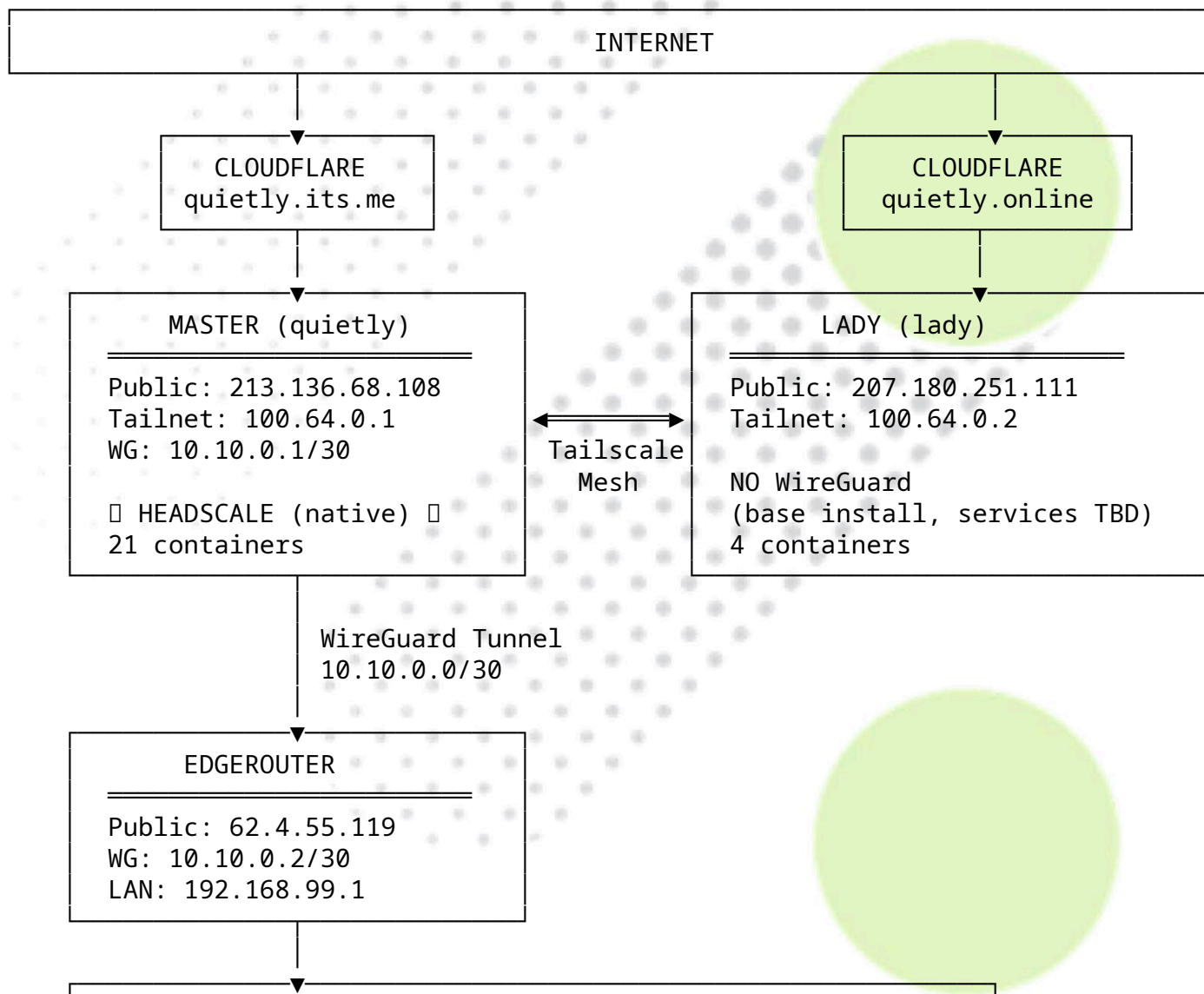
**Partner:** Lucky Luke ☐

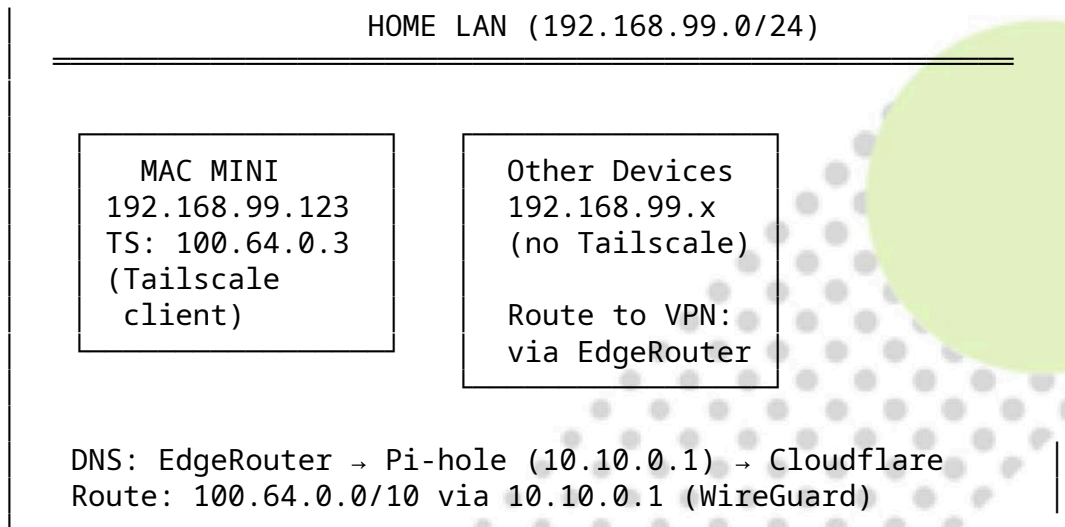
## 1.1 ☐ CRITICAL: DNS BOOTSTRAP (MASTER ONLY)

**INCIDENT 2026-01-17:** 363 crash restarts, 2 hours downtime

Master's `/etc/resolv.conf` MUST use `1.1.1.1` — NEVER MagicDNS (`100.100.100.100`). Headscale needs real DNS to fetch DERPMap on startup. File is **immutable** (`chattr +i`). See [NETWORK.md](#) for details.

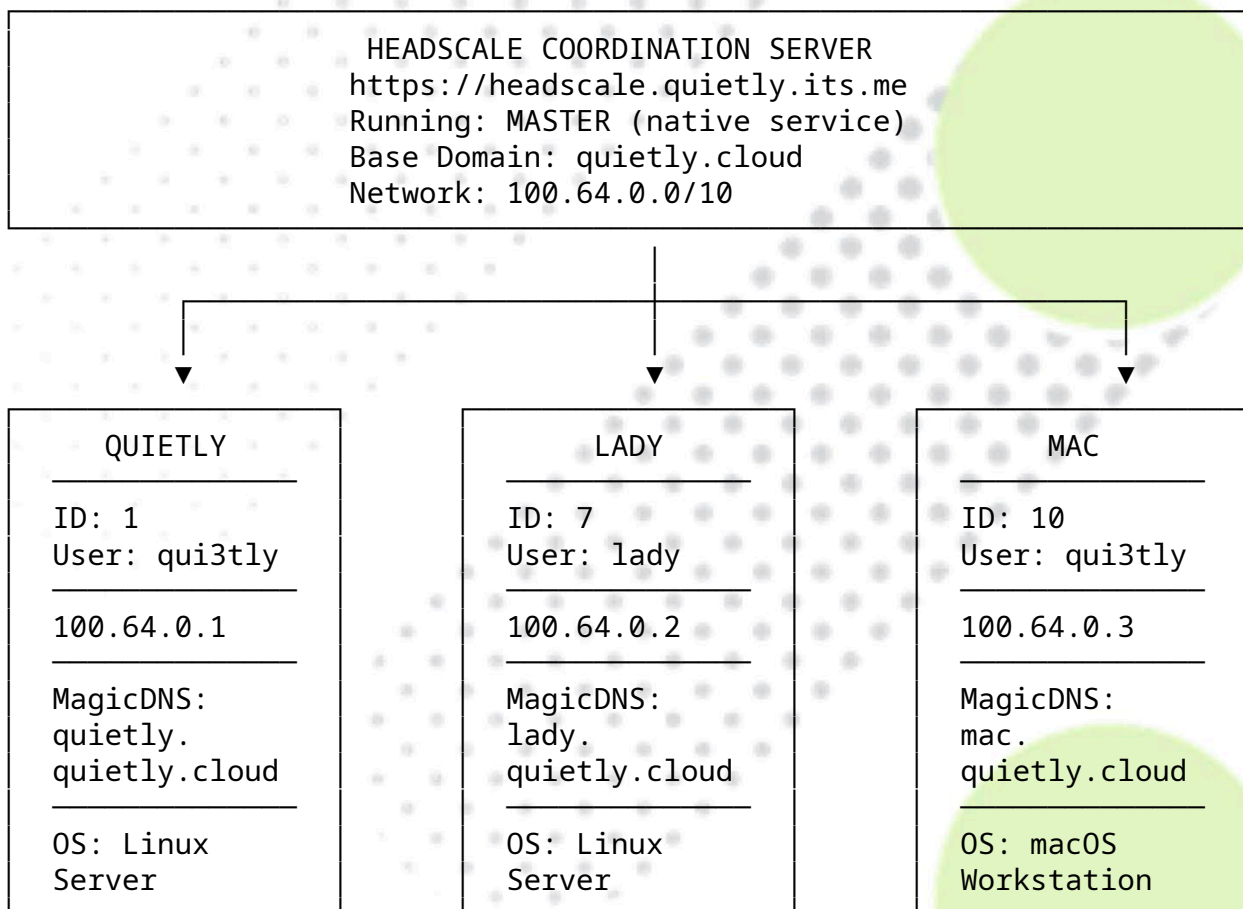
## 1.2 ☐ Network Architecture



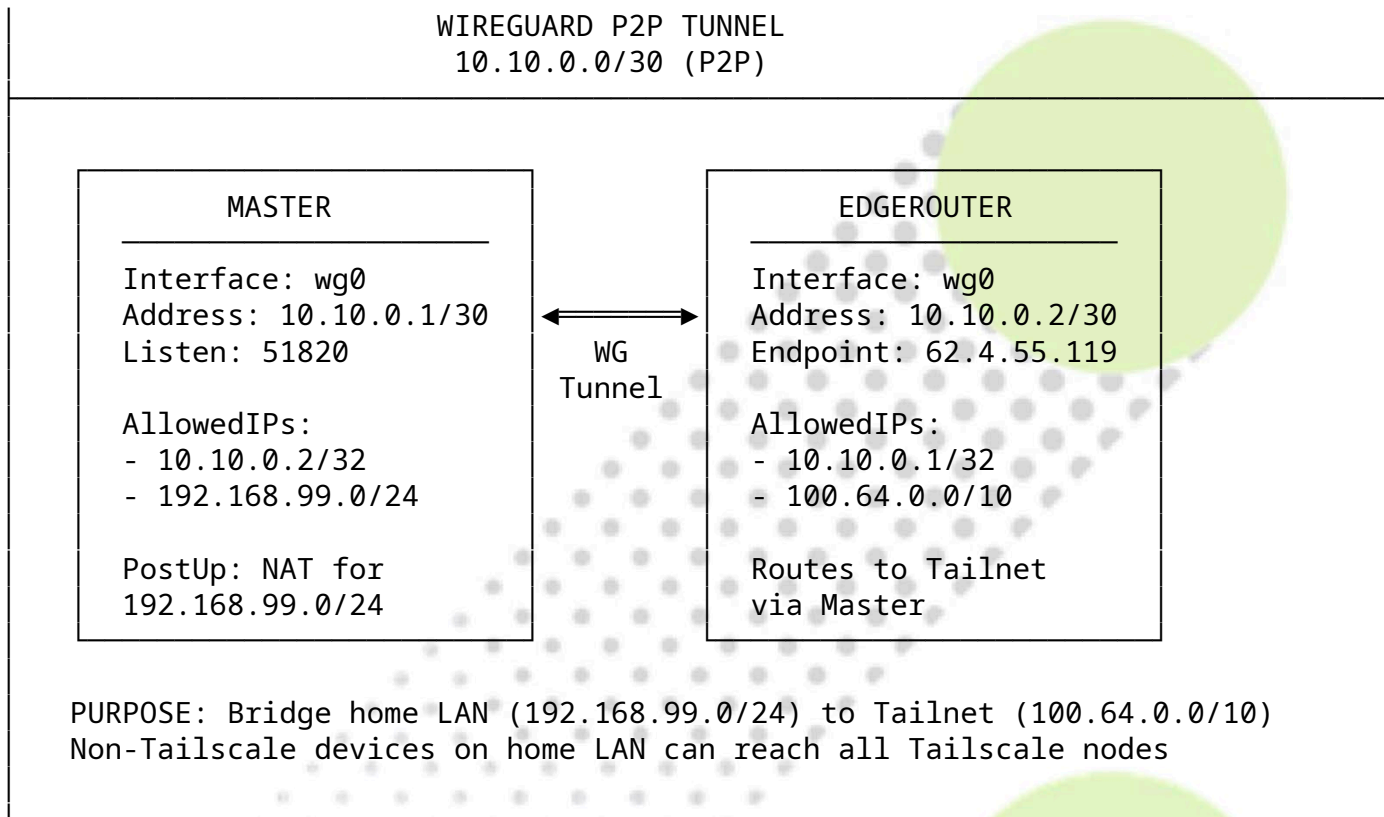


## 1.3 VPN Architecture

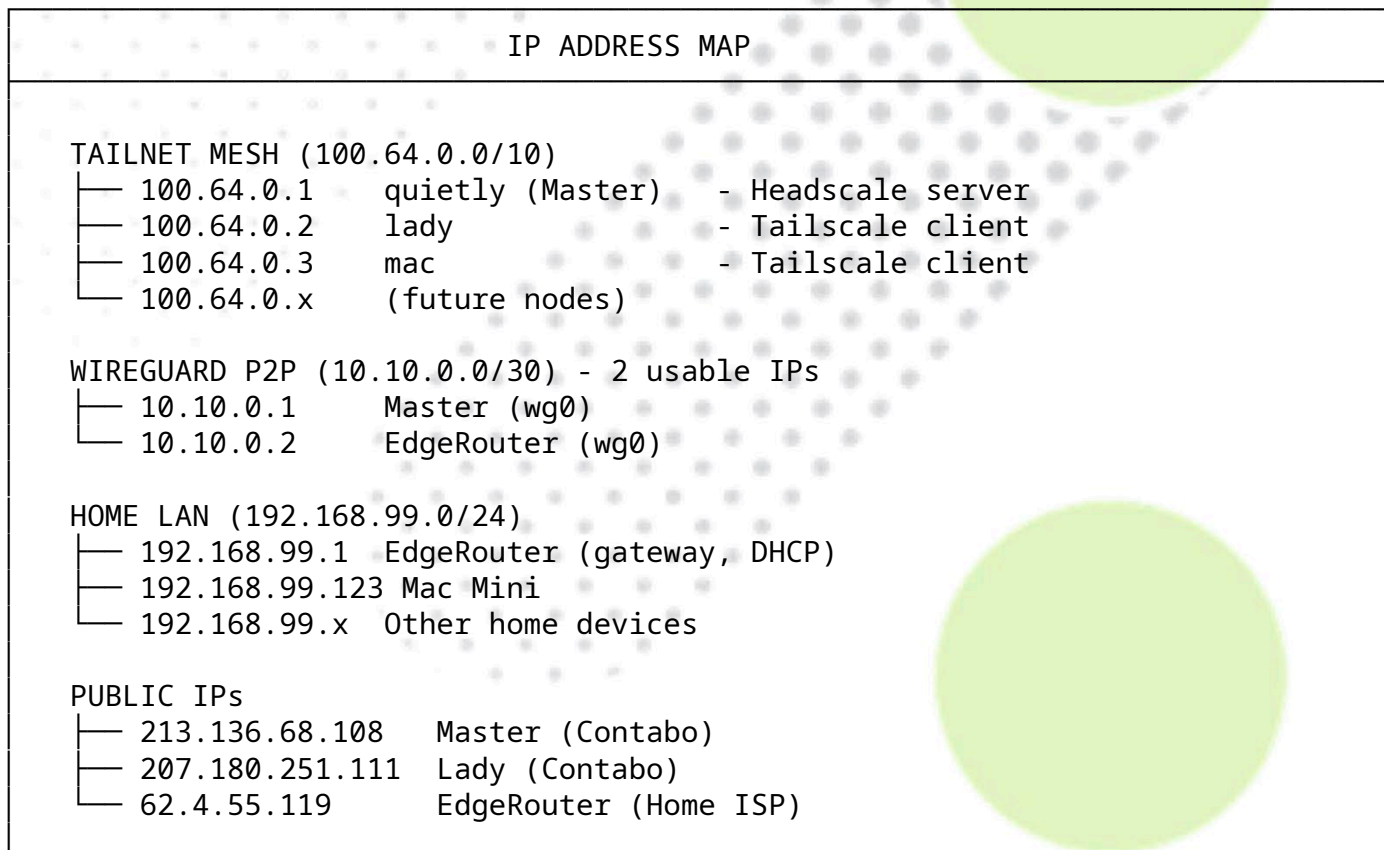
### 1.3.1 Headscale Mesh (Tailscale)



### 1.3.2 WireGuard Bridge (Master → EdgeRouter)

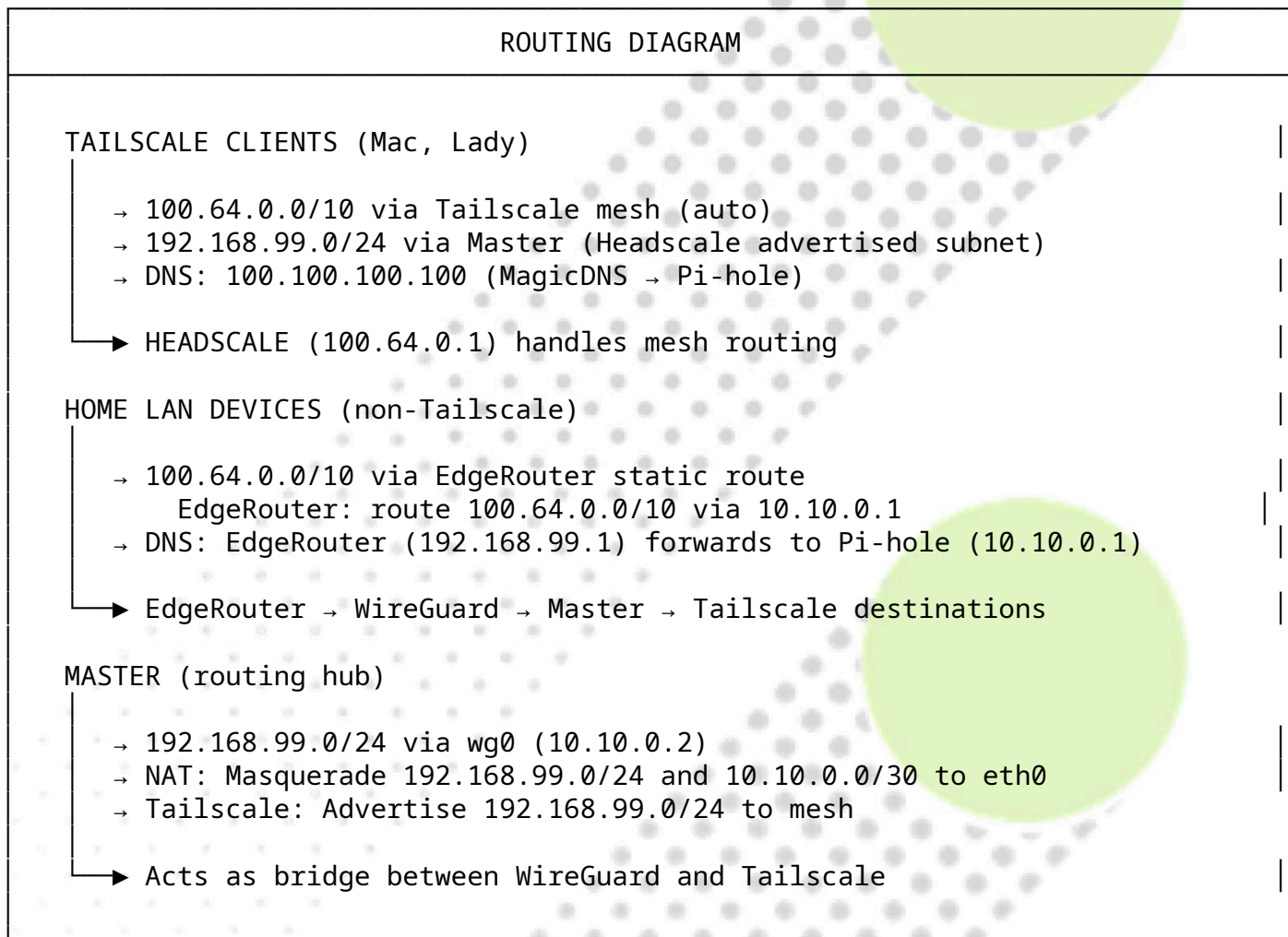


## 1.4 IP Address Allocation





## 1.5 Routing Flow



## 1.6 Server Details

### 1.6.1 MASTER (quietly.its.me)

MASTER SERVER - quietly.its.me		
Provider: Contabo VPS	Location: Germany	OS: Debian 12
INTERFACES		
└ eth0:	213.136.68.108/24 (public, gateway: 213.136.68.1)	
└ tailscale0:	100.64.0.1 (Tailnet mesh)	
└ wg0:	10.10.0.1/30 (WireGuard to EdgeRouter)	

SSH ACCESS	
└ Port:	1006
└ User:	qui3tly
└ Auth:	Key only (quietly.its.me)
NATIVE SERVICES	
└ Headscale v0.27.1	VPN coordination server
└ Tailscale	Mesh client
└ WireGuard	Bridge to home LAN
└ fail2ban	Intrusion prevention
CONTAINERS: 21 running	

### 1.6.2 LADY (quietly.online)

LADY SERVER - quietly.online			
Provider: Contabo VPS	Location: Germany	OS: Debian 12	
INTERFACES			
└ eth0:	207.180.251.111/18 (public, gateway: 207.180.191.1)		
└ tailscale0:	100.64.0.2 (Tailnet mesh)		
NO WIREGUARD - connects via Tailscale only			
SSH ACCESS			
└ Port:	1006		
└ User:	qui3tly		
└ Auth:	Key only (quietly.online)		
NATIVE SERVICES			
└ Tailscale	Mesh client (connects to Master Headscale)		
└ fail2ban	Intrusion prevention		
CONTAINERS: 25 running (18 Mailcow + 7 infra)			

### 1.6.3 MAC (mac.quietly.cloud)

MAC WORKSTATION - mac.quietly.cloud		
Device: Mac Mini	Location: Home	OS: macOS
INTERFACES		
└ en0:	192.168.99.123 (home LAN, gateway: 192.168.99.1)	
└ utun:	100.64.0.3 (Tailnet mesh)	
SSH ACCESS		

```
└─ Port: 22
└─ User: qui3tly
└─ Auth: Key only (quietly-mac)
```

NOTE: This is a Tailscale CLIENT only  
Home LAN routing is via EdgeRouter WireGuard, NOT via Mac

## 1.6.4 EDGEROUTER (Home Gateway)

EDGEROUTER - Home Gateway	
Device: Ubiquiti EdgeRouter	Location: Home
INTERFACES	
└─ WAN:	62.4.55.119 (public, ISP)
└─ LAN:	192.168.99.1/24 (home network gateway)
└─ wg0:	10.10.0.2/30 (WireGuard to Master)
ROUTING	
└─ 100.64.0.0/10 via 10.10.0.1 (to Tailnet via Master)	
└─ 0.0.0.0/0 via ISP (default route)	
DNS FORWARDING	
└─ Forwards to 10.10.0.1 (Pi-hole on Master via WireGuard)	
PURPOSE: Bridge non-Tailscale home devices to Tailnet	

## 1.7 Container Distribution

### 1.7.1 MASTER Containers (21)

MASTER - quietly.its.me (21 containers)	
REVERSE PROXY	
traefik (v3.6.6)	ports: 80, 443
cloudflared (2024.12.2)	Cloudflare tunnel
SECURITY	
crowdsec (v1.6.8)	IDS/IPS
bouncer-traefik (0.5.0)	Traefik bouncer
authelia (4.39.15)	SSO/2FA
DNS/VPN	



pihole (2025.11.1)	DNS + Ad blocking
headscale (native)	VPN coordination (NOT Docker)
headscale-ui (2025.08.23)	Web UI
headscale-admin (0.26.0)	Admin panel

#### MONITORING

prometheus (v2.54.1)	Metrics collection
grafana (11.4.0)	Dashboards
loki (3.3.2)	Log aggregation
alertmanager (v0.27.0)	Alerts
promtail (3.3.2)	Log shipping
node-exporter (v1.8.2)	System metrics
cadvisor (v0.51.0)	Container metrics

#### ADMIN

portainer (2.33.6)	Container management
semaphore (v2.10.22)	Ansible UI
admin-panel (python)	Custom admin

#### TOOLS

gotify (2.5.0)	Push notifications
it-tools (2024.10.22)	IT utilities
fuckoff-page (nginx)	Default page for unauthorized

### 1.7.2 LADY Containers (4 base, more pending)

#### LADY - quietly.online (4 base containers)

##### INFRASTRUCTURE

traefik (v3.6.6)	Reverse proxy
crowdsec (v1.6.8)	IDS/IPS
bouncer-traefik (0.5.0)	Traefik bouncer
portainer_agent (2.33.6)	Managed by Master

##### MONITORING AGENTS

node-exporter (v1.9.0)	→ Master Prometheus
cadvisor (v0.52.1)	→ Master Prometheus
promtail (3.4.2)	→ Master Loki

##### MAILCOW (18 containers)

CORE: postfix, dovecot, nginx, php-fpm, sogo

```
SECURITY: rspamd, clamd, olefy, netfilter
DATA: mysql (mariadb:10.11), redis, memcached
UTILS: unbound, acme, watchdog, dockerapi, ofelia,
      postfix-tlspol
```

## 1.8 □ Service URLs

### 1.8.1 Master (quietly.its.me) - VPN Only

Service	URL	Auth
Grafana	https://grafana.quietly.its.me	Authelia
Prometheus	https://prometheus.quietly.its.me	VPN-only
Portainer	https://portainer.quietly.its.me	Local
Semaphore	https://semaphore.quietly.its.me	Authelia
Pi-hole	https://pihole.quietly.its.me	Authelia
Headscale UI	https://headscale-ui.quietly.its.me	VPN-only
Headscale Admin	https://headscale-admin.quietly.its.me	VPN-only
IT-Tools	https://it-tools.quietly.its.me	Authelia
Gotify	https://gotify.quietly.its.me	API Key
Authelia	https://auth.quietly.its.me	Self

### 1.8.2 Lady (quietly.online) - Public

Service	URL	Auth
Mailcow Admin	https://mail.quietly.online	Local
Webmail (SOGGo)	https://mail.quietly.online/SOGGo	Mail creds

## 1.9 □ Port Map

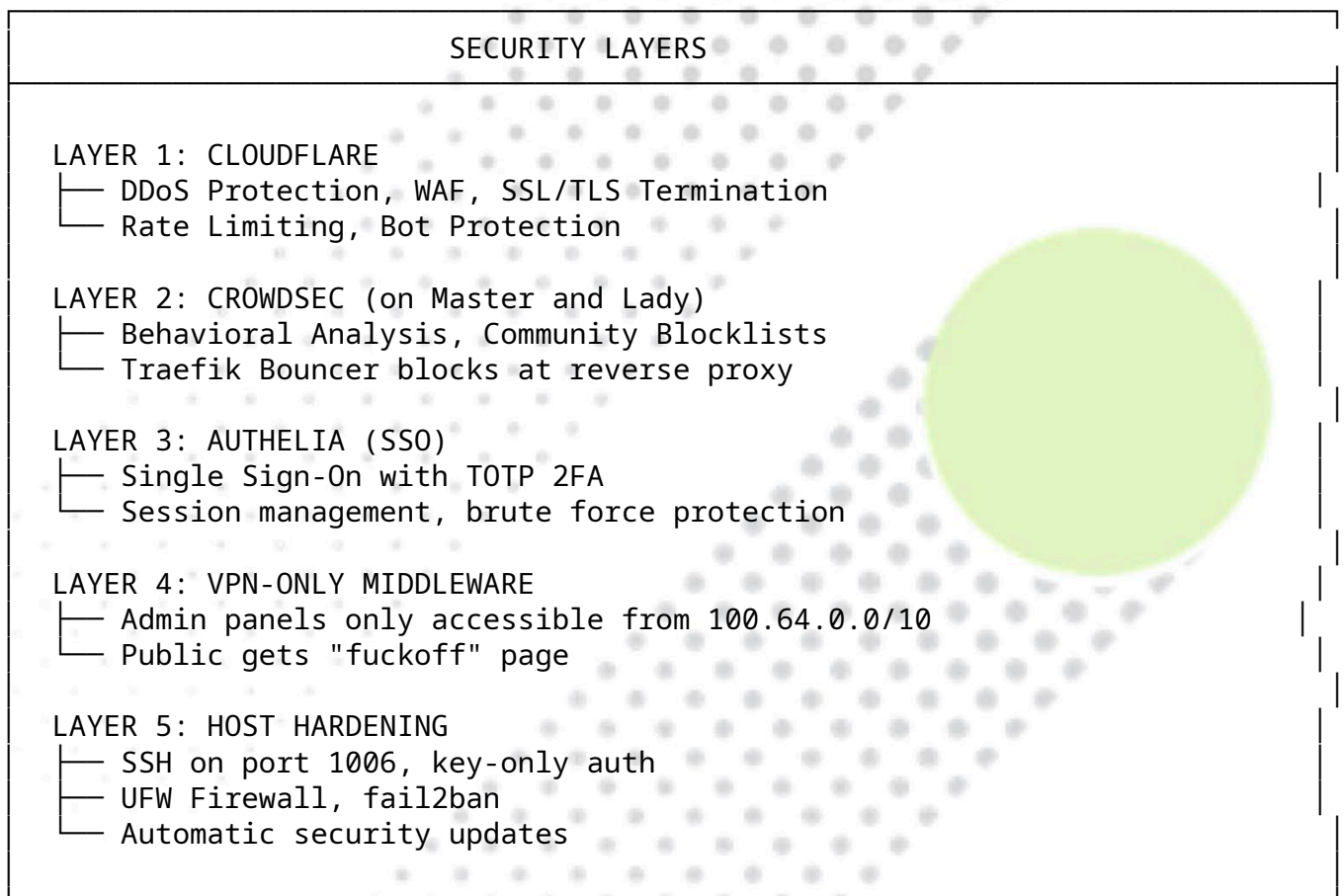
### 1.9.1 Master (213.136.68.108)

Port	Protocol	Service	Access
80	TCP	Traefik HTTP	Public (redirect)
443	TCP	Traefik HTTPS	Public
1006	TCP	SSH	Public
51820	UDP	WireGuard	EdgeRouter only
53	TCP/UDP	Pi-hole DNS	Tailnet + WireGuard
3478	UDP	Headscale DERP	Public

## 1.9.2 Lady (207.180.251.111)

Port	Protocol	Service	Access
80/443	TCP	Traefik	Public
1006	TCP	SSH	Public
25/465/587	TCP	SMTP	Public
993/995	TCP	IMAP/POP3	Public
4190	TCP	ManageSieve	Public

## 1.10 Security Architecture



## 1.11 Quick Reference Card

QUICK REFERENCE	
SSH (use config aliases!)	TAILNET IPs

ssh lady	→ Lady:1006	100.64.0.1	Master
ssh quietly	→ Master:1006	100.64.0.2	Lady
ssh mac	→ Mac:22	100.64.0.3	Mac
WIREGUARD (10.10.0.0/30)		PUBLIC IPs	
10.10.0.1	Master	213.136.68.108	Master
10.10.0.2	EdgeRouter	207.180.251.111	Lady
		62.4.55.119	EdgeRouter
DOMAINS		KEY URLS	
*.quietly.its.me	Master	grafana.quietly.its.me	
*.quietly.online	Lady	portainer.quietly.its.me	
*.quietly.cloud	MagicDNS	mail.quietly.online	

Generated: 2026-01-16 | quietly.cloud infrastructure | ☐ Lucky Luke

## 2 Network Architecture

**Last Updated:** 2026-01-17

**Architecture:** Tailscale mesh + WireGuard bridge (NO OSPF)

### 2.1 ☐ CRITICAL: DNS BOOTSTRAP (MASTER ONLY)

**INCIDENT 2026-01-17:** 363 crash restarts, 2 hours downtime

**Master's /etc/resolv.conf MUST use 1.1.1.1 — NEVER MagicDNS (100.100.100.100)**

#### 2.1.1 Why?

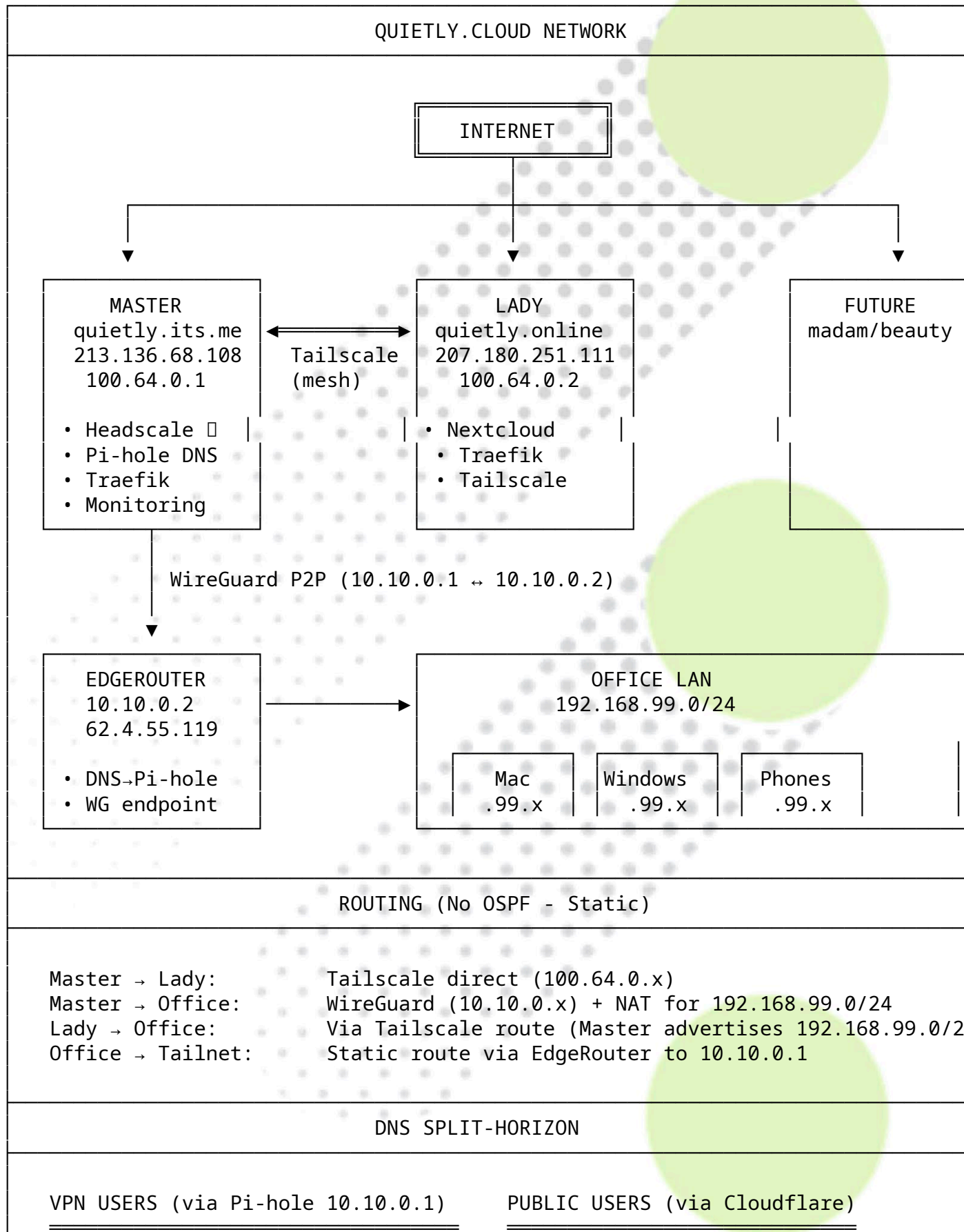
- Headscale needs real DNS to fetch DERPMap from controlplane.tailscale.com on startup
- MagicDNS (100.100.100.100) needs Headscale running to work
- **Circular dependency** = Headscale crash loop on every boot

#### 2.1.2 Protection

- /etc/resolv.conf is **immutable** (chattr +i) — DO NOT try to change it
- Systemd drop-ins enforce boot order: Headscale → Tailscale
- Files: /etc/systemd/system/headscale.service.d/dns-bootstrap.conf
- Files: /etc/systemd/system/tailscaled.service.d/after-headscale.conf

**Lady and other nodes CAN use MagicDNS — they connect TO Headscale, not run it.**

## 2.2 Overview Diagram





portainer.quietly.its.me → 100.64.0.1 portainer.quietly.its.me → 213.136.68.  
(direct VPN access) (Traefik → vpn-only middleware)

EdgeRouter DHCP: DNS = 10.10.0.1 (primary), 1.1.1.1 (fallback)

## 2.3 Servers

Server	Domain	Public IP	Tailnet IP	SSH Port	Role
Master	quietly.its.me	213.136.68.108	100.64.0.1	1006	Control plane, Headscale
Lady	quietly.online	207.180.251.111	100.64.0.2	1006	Worker
Madam	quietly.co.me	164.68.107.251	-	1006	Future
Beauty	qui3tly.com	84.247.176.135	-	1006	Future

## 2.4 Subnets

Subnet	Purpose	Notes
100.64.0.0/10	Tailnet (Headscale)	VPS mesh
10.10.0.0/30	WireGuard P2P	Master (.1) □ EdgeRouter (.2)
192.168.99.0/24	Office LAN	Routed via WireGuard
172.17-19.0.0/16	Docker networks	Internal

## 2.5 VPN Stack

### 2.5.1 Headscale (Native on Master)

Property	Value
<b>URL</b>	https://headscale.quietly.its.me
<b>Port</b>	8085 (Traefik □ 443)
<b>Config</b>	/etc/headscale/config.yaml
<b>UI</b>	https://headscale-ui.quietly.its.me
<b>Admin</b>	https://headscale-admin.quietly.its.me/admin/

### 2.5.2 WireGuard Bridge

Property	Value
<b>Master</b>	10.10.0.1 (wg0)
<b>EdgeRouter</b>	10.10.0.2
<b>Port</b>	51820/UDP
<b>Purpose</b>	Office LAN access only

## 2.6 DNS

### 2.6.1 Pi-hole Configuration

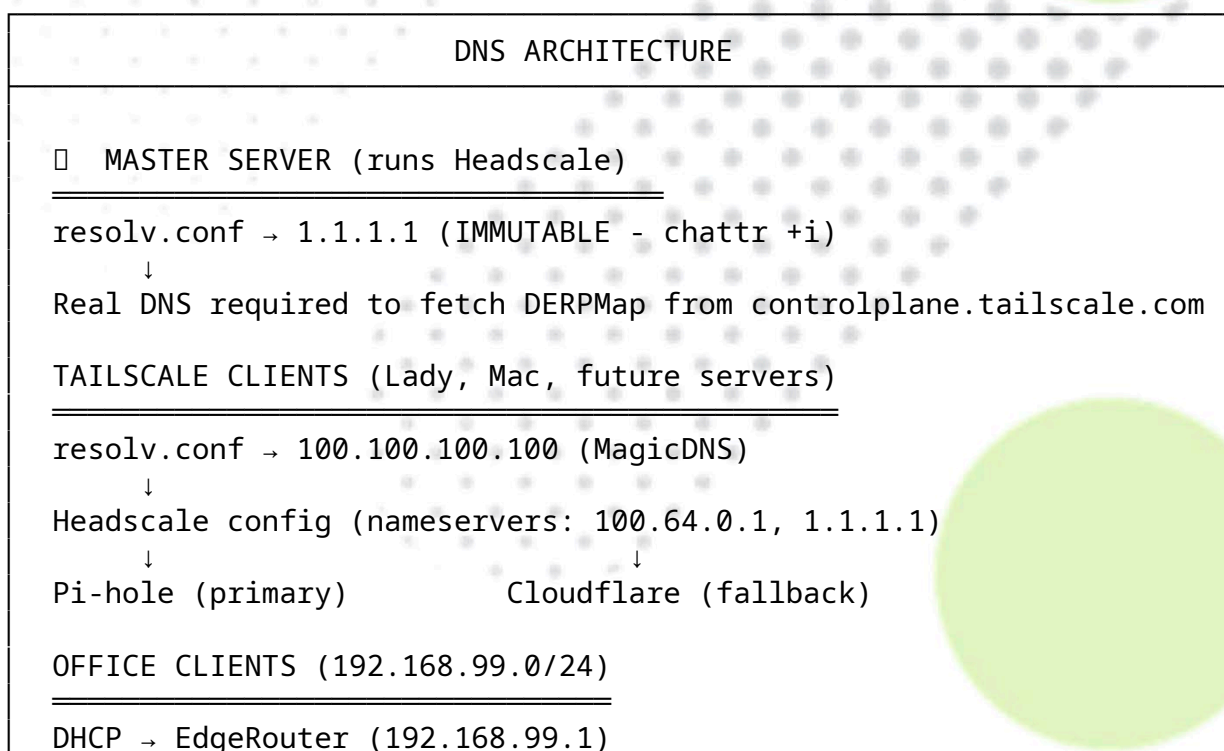
Interface	IP	Clients
Tailscale	100.64.0.1:53	VPN clients
WireGuard	10.10.0.1:53	Office via EdgeRouter

### 2.6.2 Split-Horizon Resolution

All \*.quietly.its.me services resolve to **Tailnet IPs** (not WireGuard):

Domain	Resolves To	Server
*.quietly.its.me	100.64.0.1	Master (Tailnet)
lady.quietly.its.me	100.64.0.2	Lady (Tailnet)
External domains	Cloudflare DoH	Upstream

### 2.6.3 DNS Flow



```

↓
DNS Forwarding (10.10.0.1, 1.1.1.1)
↓
Pi-hole (primary)          Cloudflare (fallback)
□ TESTED: All locations fall back to 1.1.1.1 when Pi-hole down

```

## 2.6.4 Config Locations

- **Headscale DNS:** /etc/headscale/config.yaml (dns.nameservers.global)
- **EdgeRouter DNS:** service dns forwarding name-server
- **Pi-hole Custom:** ~/.docker/pihole/etc-dnsmasq.d/01-local-dns.conf

## 2.7 Firewall (Master UFW)

Port	Protocol	Source	Purpose
1006	TCP	Anywhere	SSH
80	TCP	Anywhere	HTTP □ HTTPS
443	TCP	Anywhere	Traefik
51820	UDP	Anywhere	WireGuard
41641	UDP	Anywhere	Tailscale
8085	TCP	172.18.0.0/16	Headscale (Docker □ Native)

## 2.8 Office Exit via VPS

Toggle office internet exit via Master VPS or local ISP.

**Script:** ~/.copilot/scripts/office-exit.sh [on|off|status]

State	Default Route	Distance
<b>ON (VPS)</b>	10.10.0.1 via wg0	1 (best)
<b>OFF (ISP)</b>	10.153.0.1 via eth0	210 (fallback)

**Safety:** WireGuard endpoint 213.136.68.108/32 always routes via eth0 (local ISP), so tunnel can't break itself.

**EdgeRouter Access:** SSH port 1006, user qui3tly, password in ~/.secrets/edgerouter/password

## 2.9 Key Changes (2026-01-14)

Change	Old	New
<b>Office Exit</b>	ISP only	VPS toggle via office-exit.sh

Change	Old	New
<b>DNS Resolution</b>	Returns 10.10.0.1 (WG)	Returns 100.64.0.1 (Tailnet)
<b>Pi-hole dnsmasq.d</b>	etc_dnsmasq_d = false	etc_dnsmasq_d = true
<b>Monitoring IPs</b>	Fixed IPs per container	Dynamic Docker assignment
<b>WireGuard P2P</b>	/24 subnet	/30 subnet (proper P2P)
<b>EdgeRouter DNS</b>	ISP nameservers	Pi-hole + 1.1.1.1 fallback
<b>vpn-only middleware</b>	Included office public IP	VPN-only (removed 62.4.55.119)
<b>DNS Fallback</b>	Not tested	☐ Tested - all locations work

### 2.9.1 Previous Changes (2026-01-13)

Change	Old	New
<b>Headscale</b>	Docker on Lady	Native on Master
<b>OSPF</b>	FRR on Master/Lady/EdgeRouter	REMOVED - Static routes via Tailscale
<b>Routing</b>	OSPF + Tailscale	Tailscale-only (subnet routing)
<b>Exit Toggle</b>	FRR route-maps	Headscale route approval

*For detailed service docs, see ~/.docs/services/*

## 3 Server Inventory

**Last Updated:** 2026-01-17

### 3.1 Master Server (quietly)

Property	Value
<b>Hostname</b>	quietly.its.me
<b>Domain</b>	quietly.its.me
<b>Public IP</b>	213.136.68.108
<b>Tailnet IP</b>	100.64.0.1
<b>OS</b>	Debian 12
<b>SSH Port</b>	1006
<b>Role</b>	Control plane, VPN Hub (Headscale native), monitoring

#### 3.1.1 Services Running (21 containers)

Container	Image	Status
traefik	traefik:v3.6.6	☐ Healthy
portainer	portainer-ce:2.33.6	☐ Running
pihole	pihole:2025.11.1	☐ Healthy

Container	Image	Status
grafana	grafana:11.4.0	☐ Healthy
prometheus	prometheus:v2.54.1	☐ Healthy
loki	loki:3.3.2	☐ Healthy
promtail	promtail:3.3.2	☐ Running
alertmanager	alertmanager:v0.27.0	☐ Healthy
semaphore	semaphore:v2.10.22	☐ Healthy
authelia	authelia:4.39.15	☐ Healthy
crowdsec	crowdsec:v1.6.8	☐ Healthy
bouncer-traefik	traefik-crowdsec-bouncer:0.5.0	☐ Healthy
cloudflared	cloudflared:2024.12.2	☐ Running
gotify	gotify:2.5.0	☐ Healthy
it-tools	it-tools:2024.10.22-7ca5933	☐ Running
headscale-admin	headscale-admin:0.26.0	☐ Running
headscale-ui	headscale-ui:2025.08.23	☐ Running
admin-panel	python:3.11-slim	☐ Running
fuckoff-page	nginx:alpine	☐ Healthy
node-exporter	node-exporter:v1.8.2	☐ Healthy
cadvisor	cadvisor:v0.51.0	☐ Healthy

### 3.1.2 Disk Layout

```

/home/qui3tly/
├── .governance/    # Policy documents
├── .secrets/       # Credentials (700/600)
├── .docker-compose/ # Compose files per service
├── .docker/        # Config and data per service
├── .docs/          # Documentation
├── .copilot/       # Automation, backups, logs
├── .reports/       # User-facing reports
├── .ansible/       # Ansible playbooks
└── projects/      # Development projects

```

## 3.2 Lady Server

Property	Value
<b>Hostname</b>	lady
<b>Domain</b>	quietly.online
<b>Public IP</b>	207.180.251.111
<b>Tailnet IP</b>	100.64.0.2
<b>OS</b>	Debian 12
<b>SSH Port</b>	1006
<b>Role</b>	Worker, email server, cloud services

### 3.2.1 Services Running (4 containers - base install)



Container	Image	Status
traefik	traefik:v3.6.6	<input type="checkbox"/> Running
portainer	portainer-agent:2.24.0	<input type="checkbox"/> Running
crowdsec	crowdsec:v1.6.8	<input type="checkbox"/> Healthy
bouncer-traefik	traefik-crowdsec-bouncer:0.5.0	<input type="checkbox"/> Healthy

### 3.2.2 Pending Services (not yet deployed)

Service	Compose Dir	Purpose
monitoring-agents	monitoring-agents/	node-exporter, cadvisor, promtail
mailcow	/opt/mailcow/	Full email server (mail.quietly.online)
nextcloud	nextcloud/	Cloud storage (cloud.quietly.online)
onlyoffice	onlyoffice/	Document editing (office.quietly.online)
home-assistant	home-assistant/	Home automation (home.quietly.online)
unifi	unifi/	Network controller (unifi.quietly.online)
uisp	uisp/	ISP management (uisp.quietly.online)

### 3.2.3 Native Services

Service	Status
tailscaled	<input type="checkbox"/> Enabled, connected to Master
fail2ban	<input type="checkbox"/> Enabled

## 3.3 Future Servers

### 3.3.1 Madam

Property	Value
<b>Domain</b>	quietly.co.me
<b>Public IP</b>	164.68.107.251
<b>Status</b>	Not configured

### 3.3.2 Beauty

Property	Value
<b>Domain</b>	qui3tly.com
<b>Public IP</b>	84.247.176.135
<b>Status</b>	Not configured

## 3.4 SSH Access

### 3.4.1 From Master to Other Servers

```
# Use SSH config aliases
ssh lady      # → quietly.online
ssh madam     # → quietly.co.me (future)
ssh beauty    # → qui3tly.com (future)
```

### 3.4.2 SSH Config (~/.ssh/config)

```
Host lady
  HostName 100.64.0.2
  User qui3tly
  Port 1006
  IdentityFile ~/.ssh/id_ed25519
```

```
Host madam
  HostName 164.68.107.251
  User qui3tly
  Port 1006
  IdentityFile ~/.ssh/id_ed25519
```

## 4 Service Catalog

**Last Updated:** 2026-01-15

### 4.1 Master Services

#### 4.1.1 Traefik (Reverse Proxy)

Property	Value
<b>Version</b>	v3.6.6
<b>Port</b>	80, 443
<b>URL</b>	-
<b>Compose</b>	~/.docker-compose/traefik/
<b>Config</b>	~/.docker/traefik/

**Purpose:** TLS termination, routing, Let's Encrypt certificates

#### 4.1.2 CrowdSec (Security)

Property	Value
<b>Version</b>	v1.6.8
<b>Bouncer</b>	traefik-crowdsec-bouncer:0.5.0
<b>Compose</b>	~/ .docker-compose/crowdsec/
<b>Config</b>	~/ .docker/crowdsec/

**Purpose:** Collaborative security with Traefik bouncer

#### 4.1.3 Portainer (Container Management)

Property	Value
<b>Version</b>	2.33.6
<b>URL</b>	https://portainer.quietly.its.me
<b>Compose</b>	~/ .docker-compose/portainer/
<b>Data</b>	~/ .docker/portainer/data/

**Purpose:** Docker container management GUI

#### 4.1.4 Headscale (VPN) - Native on Master

Property	Value
<b>Version</b>	v0.27.1
<b>Server</b>	<b>Master</b> (quietly.its.me) - Native service
<b>URL</b>	https://headscale.quietly.its.me
<b>Admin</b>	https://headscale-admin.quietly.its.me
<b>UI</b>	https://headscale-ui.quietly.its.me
<b>Config</b>	/etc/headscale/config.yaml
<b>Data</b>	/var/lib/headscale/
<b>Service</b>	systemctl status headscale

**Purpose:** Tailscale-compatible VPN coordination server

#### 4.1.5 Pi-hole (DNS)

Property	Value
<b>Version</b>	2025.11.1
<b>URL</b>	https://pihole.quietly.its.me/admin
<b>Port</b>	53 (DNS)
<b>Compose</b>	~/ .docker-compose/pihole/

Property	Value
<b>Data</b>	~/ .docker/pihole/

**Purpose:** DNS server with ad blocking

#### 4.1.6 Grafana (Monitoring Dashboard)

Property	Value
<b>Version</b>	11.4.0
<b>URL</b>	https://grafana.quietly.its.me
<b>Compose</b>	~/ .docker-compose/grafana/
<b>Data</b>	~/ .docker/grafana/data/

**Purpose:** Visualization dashboards

#### 4.1.7 Prometheus (Metrics)

Property	Value
<b>Version</b>	v2.54.1
<b>URL</b>	https://prometheus.quietly.its.me
<b>Port</b>	9090 (internal)
<b>Compose</b>	~/ .docker-compose/grafana/
<b>Config</b>	~/ .docker/prometheus/

**Purpose:** Metrics collection and storage

#### 4.1.8 Alertmanager (Alerts)

Property	Value
<b>Version</b>	v0.27.0
<b>URL</b>	https://alertmanager.quietly.its.me
<b>Compose</b>	~/ .docker-compose/grafana/
<b>Config</b>	~/ .docker/alertmanager/

**Purpose:** Alert routing to Gotify

#### 4.1.9 Loki (Log Aggregation)

Property	Value
<b>Version</b>	3.3.2
<b>Port</b>	3100 (internal)
<b>Compose</b>	~/.docker-compose/grafana/
<b>Data</b>	~/.docker/loki/

**Purpose:** Log aggregation for Grafana

#### 4.1.10 Authelia (SSO/2FA)

Property	Value
<b>Version</b>	4.39.15
<b>URL</b>	https://auth.quietly.its.me
<b>Compose</b>	~/.docker-compose/authelia/
<b>Config</b>	~/.docker/authelia/

**Purpose:** Single sign-on with 2FA

#### 4.1.11 Semaphore (Ansible GUI)

Property	Value
<b>Version</b>	v2.10.22
<b>URL</b>	https://ansible.quietly.its.me
<b>Compose</b>	~/.docker-compose/semaphore/
<b>Data</b>	~/.docker/semaphore/

**Purpose:** Ansible playbook execution GUI

#### 4.1.12 Gotify (Push Notifications)

Property	Value
<b>Version</b>	2.5.0
<b>URL</b>	https://gotify.quietly.its.me
<b>Compose</b>	~/.docker-compose/gotify/
<b>Data</b>	~/.docker/gotify/

**Purpose:** Push notifications from Alertmanager



#### 4.1.13 Cloudflared (Tunnel)

Property	Value
<b>Version</b>	2024.12.2
<b>Compose</b>	~/ .docker-compose/cloudflared/

**Purpose:** Cloudflare tunnel for external access

#### 4.1.14 IT-Tools (Utilities)

Property	Value
<b>Version</b>	2024.10.22-7ca5933
<b>URL</b>	https://tools.quietly.its.me
<b>Compose</b>	~/ .docker-compose/it-tools/

**Purpose:** Developer/IT utility collection

### 4.2 Lady Services

#### 4.2.1 Traefik (Reverse Proxy)

Property	Value
<b>Version</b>	v3.6.6
<b>URL</b>	-
<b>Compose</b>	~/ .docker-compose/traefik/

#### 4.2.2 CrowdSec (Security)

Property	Value
<b>Version</b>	v1.6.8
<b>Bouncer</b>	traefik-crowdsec-bouncer:0.5.0
<b>Compose</b>	~/ .docker-compose/crowdsec/

**Purpose:** Collaborative security with Traefik bouncer

### 4.2.3 Portainer Agent

Property	Value
<b>Version</b>	2.33.6
<b>Port</b>	9001
<b>Compose</b>	~/.docker-compose/portainer/

**Purpose:** Connects to master Portainer for remote management

### 4.2.4 Mailcow (Email Server)

Property	Value
<b>Version</b>	Latest (2026-01)
<b>URL</b>	https://mail.quietly.online
<b>Webmail</b>	https://mail.quietly.online/SOG
<b>Containers</b>	18 (nginx, postfix, dovecot, rspamd, mysql, redis, sogo, clamd, etc.)
<b>Compose</b>	/opt/mailcow-dockerized/

**Purpose:** Full email server with webmail, spam filtering, antivirus

### 4.3 Planned Services

Service	Server	Purpose
Monitoring agents	Lady	node-exporter, cadvisor, promtail
Nextcloud	Lady	File sync and share (deferred)
Client VPN	Lady	VPN for clients with web GUI
UniFi Controller	Beauty	Network management