quietly
IT SOLUTIONS

quietly.cloud Infrastructure Documentation

qui3tly

January 2026

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1 quietly.cloud Infrastructure

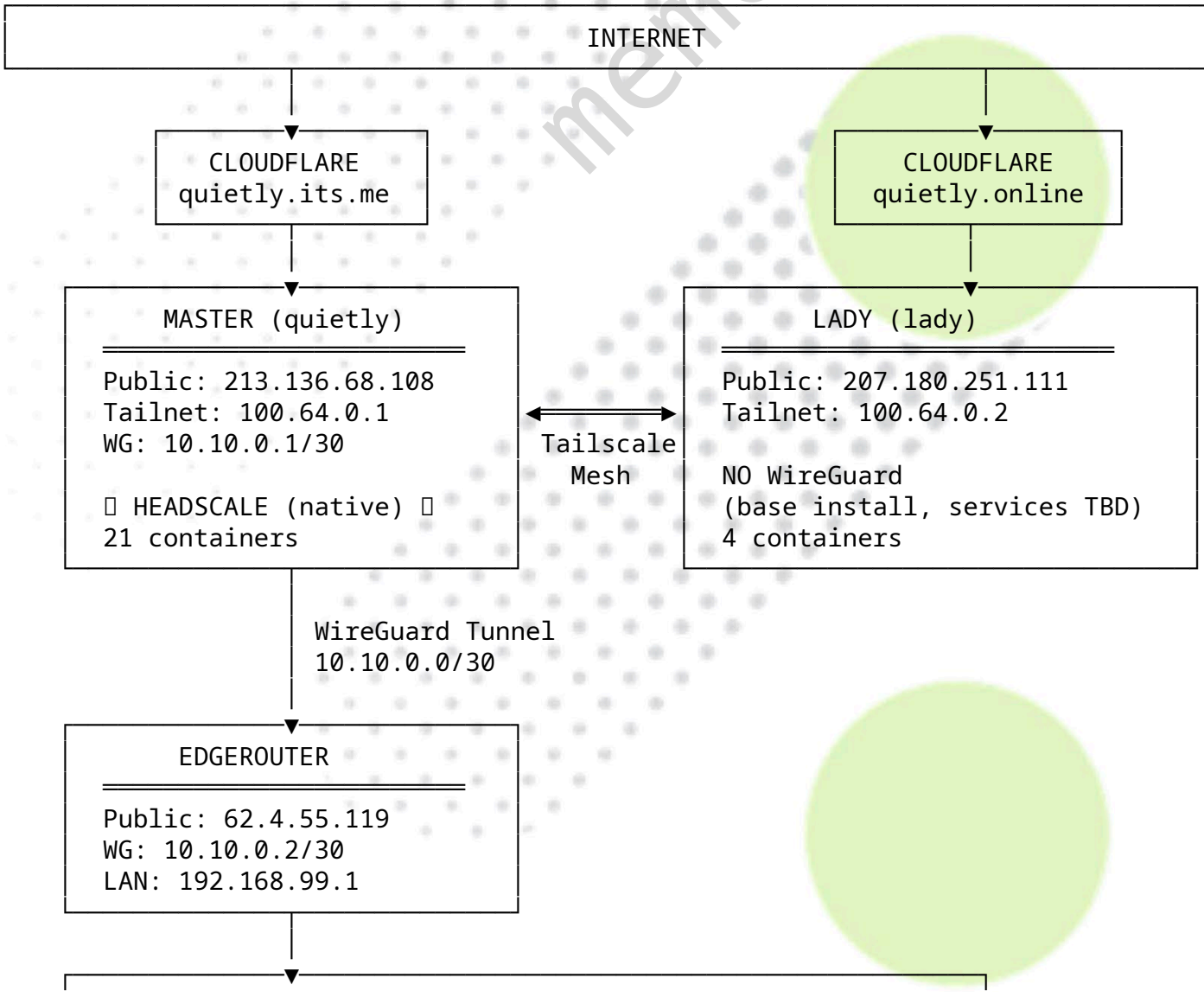
Last Updated: 2026-01-17
Status: Production
Partner: Lucky Luke

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



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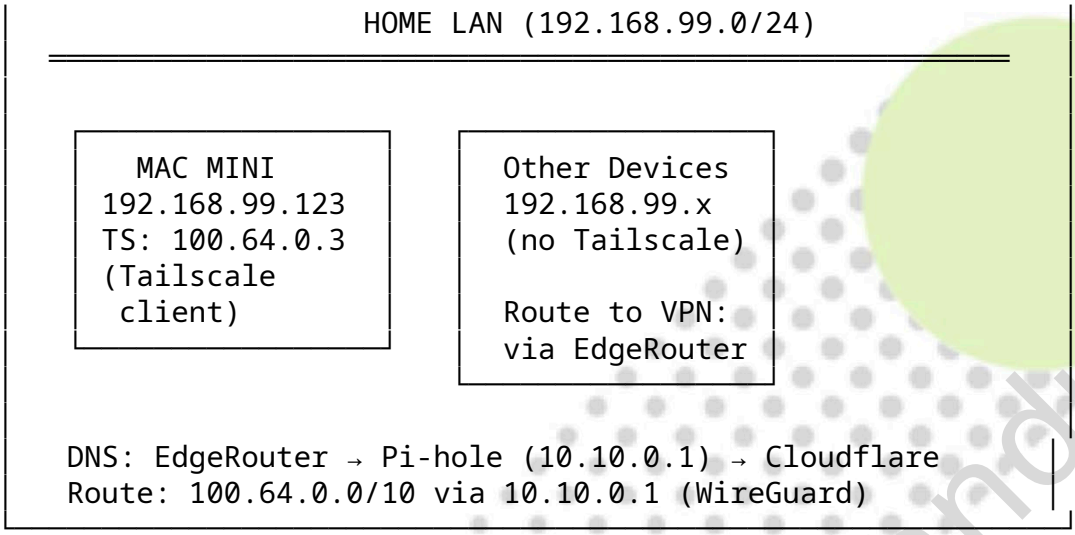
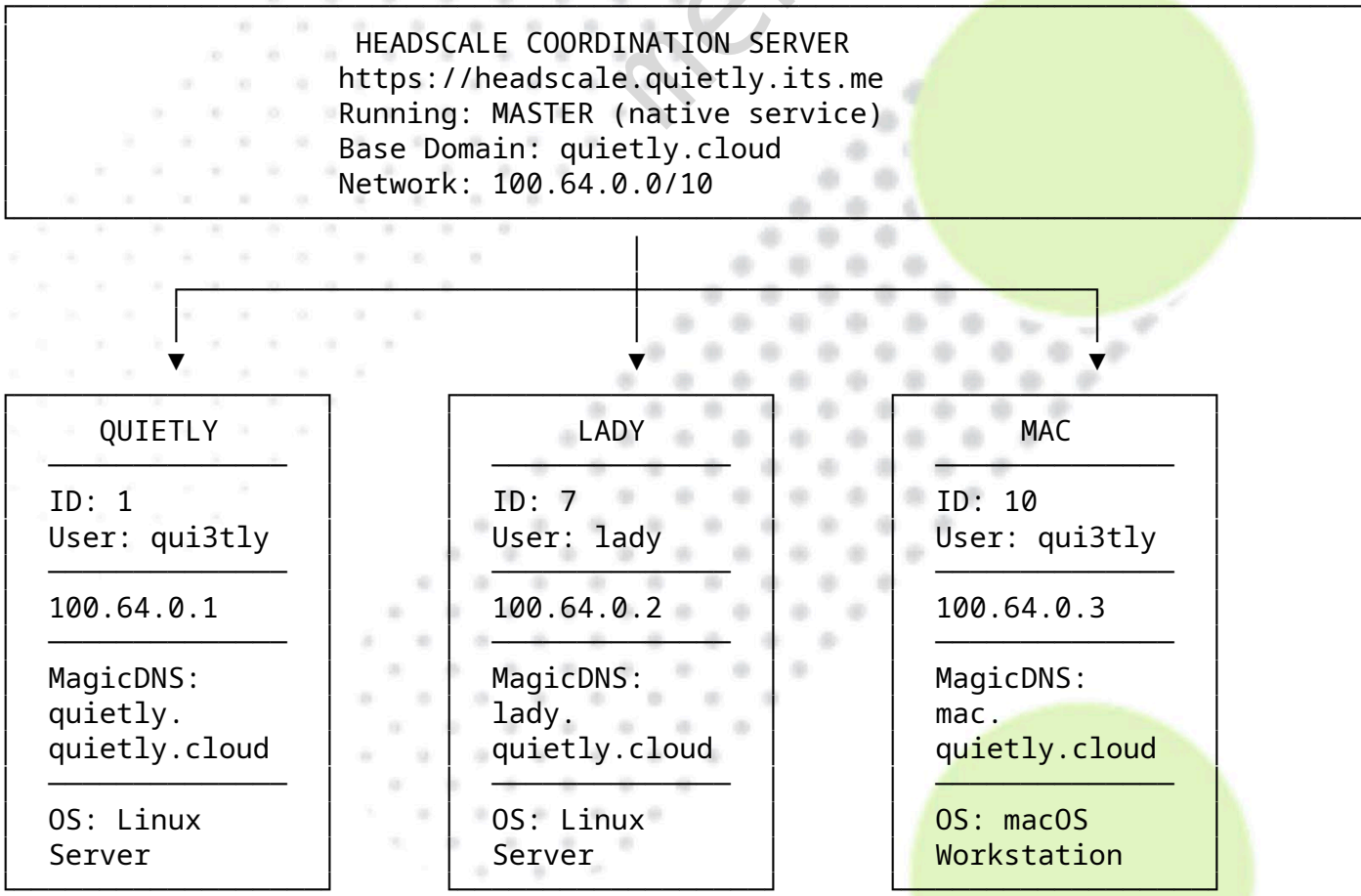


1.3 VPN Architecture

1.3.1 Headscale Mesh (Tailscale)



1.3.2 WireGuard Bridge (Master EdgeRouter)

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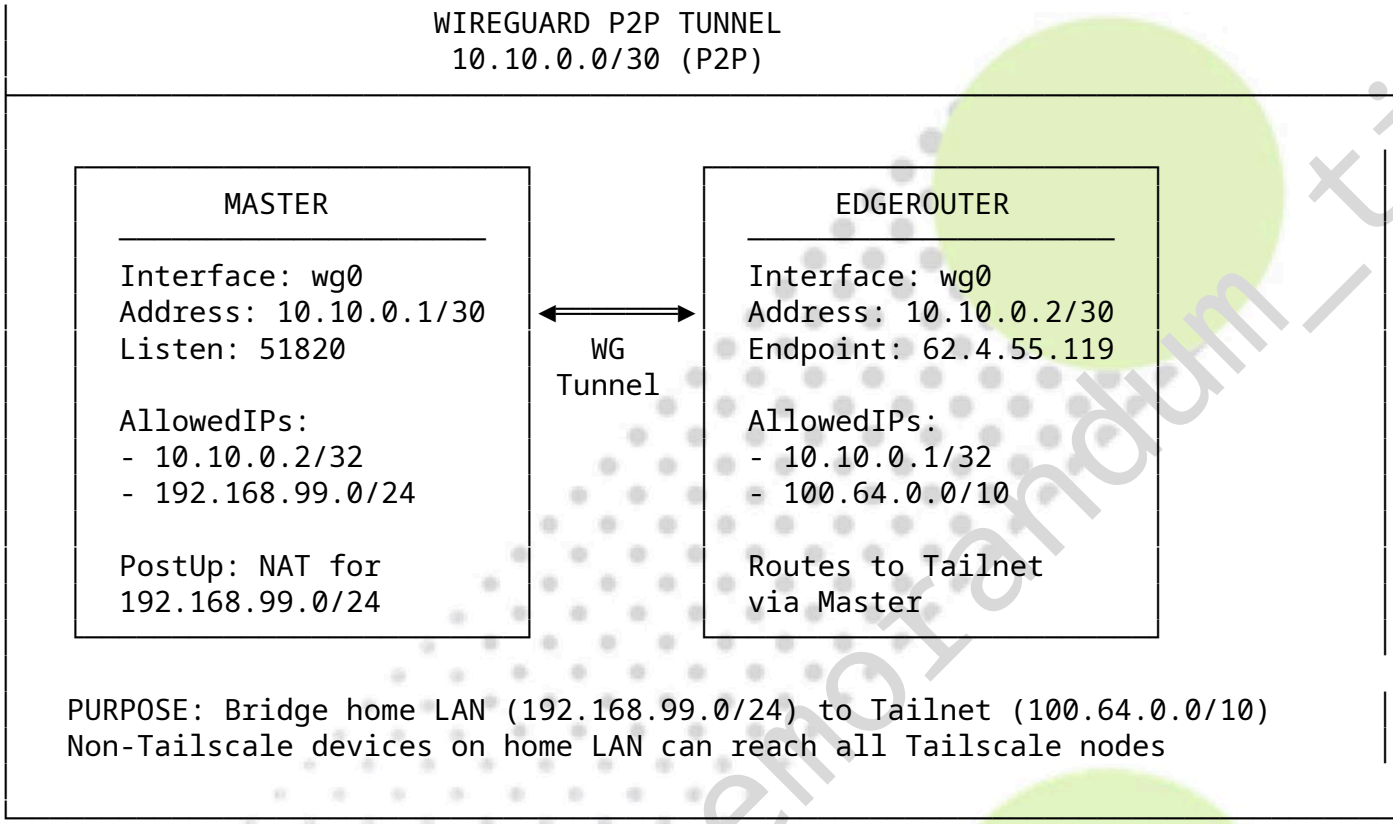
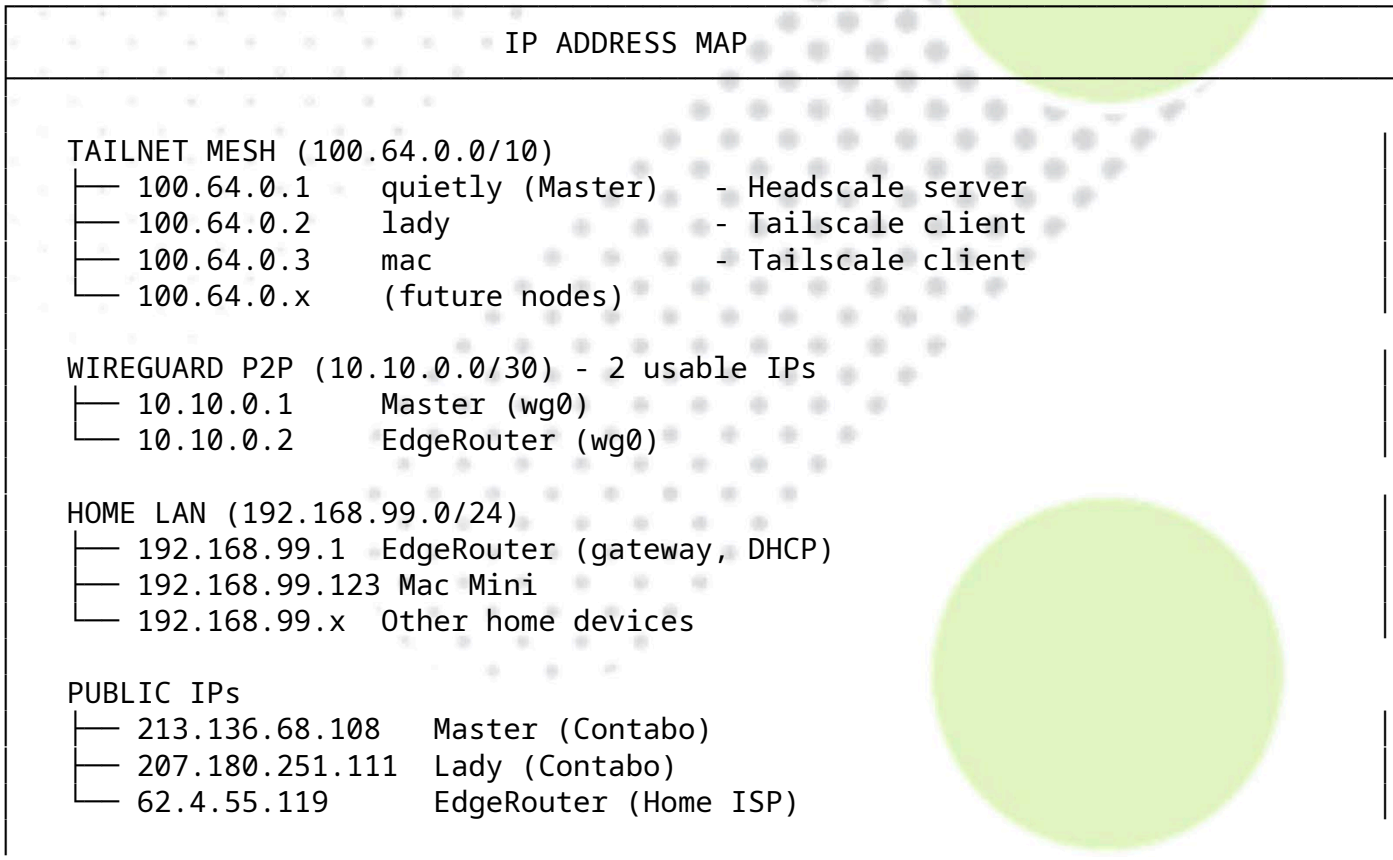


1.4 IP Address Allocation



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1.5 Routing Flow

```
                                ROUTING DIAGRAM

  TAILSCALE CLIENTS (Mac, Lady)
  │
  │   → 100.64.0.0/10 via Tailscale mesh (auto)
  │   → 192.168.99.0/24 via Master (Headscale advertised subnet)
  │   → DNS: 100.100.100.100 (MagicDNS → Pi-hole)
  │
  └──→ HEADSCALE (100.64.0.1) handles mesh routing

  HOME LAN DEVICES (non-Tailscale)
  │
  │   → 100.64.0.0/10 via EdgeRouter static route
  │     EdgeRouter: route 100.64.0.0/10 via 10.10.0.1
  │   → DNS: EdgeRouter (192.168.99.1) forwards to Pi-hole (10.10.0.1)
  │
  └──→ EdgeRouter → WireGuard → Master → Tailscale destinations

  MASTER (routing hub)
  │
  │   → 192.168.99.0/24 via wg0 (10.10.0.2)
  │   → NAT: Masquerade 192.168.99.0/24 and 10.10.0.0/30 to eth0
  │   → Tailscale: Advertise 192.168.99.0/24 to mesh
  │
  └──→ Acts as bridge between WireGuard and Tailscale
```

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)
```


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```
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
```


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```
├─ 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
```


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```
  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
```


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```
│    │ 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 (SOGo)	https://mail.quietly.online/SOGo	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

```
┌─────────────────────────────────────────────────────────────────┐
│                        SECURITY LAYERS                          │
└─────────────────────────────────────────────────────────────────┘

  LAYER 1: CLOUDFLARE
  ├── DDoS Protection, WAF, SSL/TLS Termination
  └── Rate Limiting, Bot Protection

  LAYER 2: CROWDSEC (on Master and Lady)
  ├── Behavioral Analysis, Community Blocklists
  └── Traefik Bouncer blocks at reverse proxy

  LAYER 3: AUTHELIA (SSO)
  ├── Single Sign-On with TOTP 2FA
  └── Session management, brute force protection

  LAYER 4: VPN-ONLY MIDDLEWARE
  ├── Admin panels only accessible from 100.64.0.0/10
  └── Public gets "fuckoff" page

  LAYER 5: HOST HARDENING
  ├── SSH on port 1006, key-only auth
  ├── UFW Firewall, fail2ban
  └── Automatic security updates
```

1.11 Quick Reference Card

```
┌─────────────────────────────────────────────────────────────────┐
│                        QUICK REFERENCE                          │
└─────────────────────────────────────────────────────────────────┘

  SSH (use config aliases!)          TAILNET IPs
  ─────────────────────────          ───────────
```


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```
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.

---

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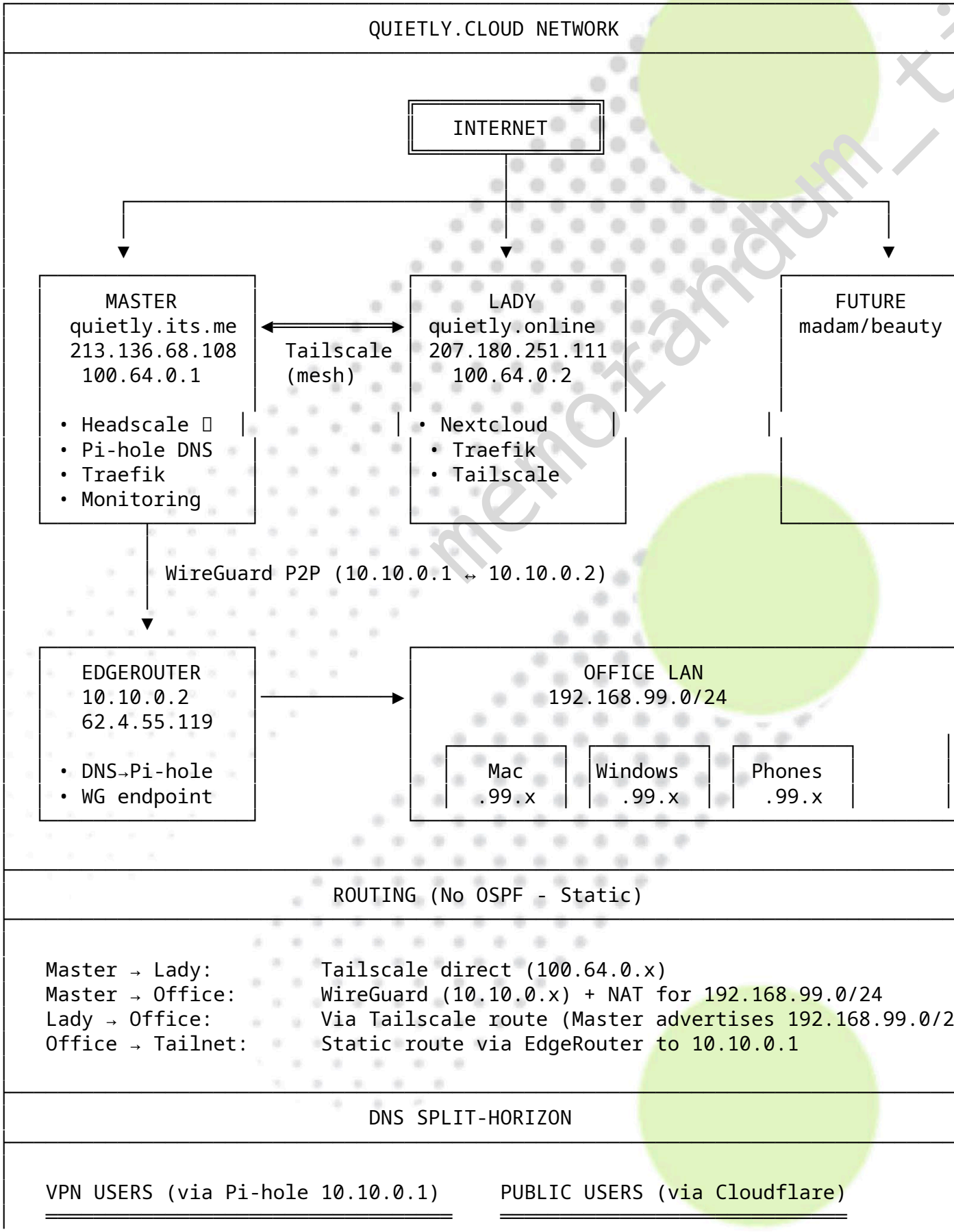
2.2 Overview Diagram



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```
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
URL	https://headscale.quietly.its.me
Port	8085 (Traefik 443)
Config	/etc/headscale/config.yaml
UI	https://headscale-ui.quietly.its.me
Admin	https://headscale-admin.quietly.its.me/admin/

2.5.2 WireGuard Bridge

Property	Value
Master	10.10.0.1 (wg0)
EdgeRouter	10.10.0.2
Port	51820/UDP
Purpose	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 ARCHITECTURE                              │
└──────────────────────────────────────────────────────────────────────┘

  MASTER SERVER (runs Headscale)
  ═══════════════════════════════════════
  resolv.conf → 1.1.1.1 (IMMUTABLE - chattr +i)
       ↓
  Real DNS required to fetch DERPMap from controlplane.tailscale.com

  TAILSCALE CLIENTS (Lady, Mac, future servers)
  ═══════════════════════════════════════════════
  resolv.conf → 100.100.100.100 (MagicDNS)
       ↓
  Headscale config (nameservers: 100.64.0.1, 1.1.1.1)
       ↓                              ↓
  Pi-hole (primary)              Cloudflare (fallback)

  OFFICE CLIENTS (192.168.99.0/24)
  ═══════════════════════════════════
  DHCP → EdgeRouter (192.168.99.1)
```


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```
      ↓
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
ON (VPS)	10.10.0.1 via wg0	1 (best)
OFF (ISP)	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
Office Exit	ISP only	VPS toggle via office-exit.sh

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

2.9.1 Previous Changes (2026-01-13)

Change	Old	New
Headscale	Docker on Lady	Native on Master
OSPF	FRR on Master/Lady/EdgeRouter	REMOVED - Static routes via Tailscale
Routing	OSPF + Tailscale	Tailscale-only (subnet routing)
Exit Toggle	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
Hostname	quietly.its.me
Domain	quietly.its.me
Public IP	213.136.68.108
Tailnet IP	100.64.0.1
OS	Debian 12
SSH Port	1006
Role	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
Hostname	lady
Domain	quietly.online
Public IP	207.180.251.111
Tailnet IP	100.64.0.2
OS	Debian 12
SSH Port	1006
Role	Worker, email server, cloud services

3.2.1 Services Running (4 containers - base install)

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Container	Image	Status
traefik	traefik:v3.6.6	Running
portainer	portainer-agent:2.24.0	Running
crowdsec	crowdsec:v1.6.8	Healthy
bouncer-traefik	traefik-crowdsec-bouncer:0.5.0	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	Enabled, connected to Master
fail2ban	Enabled

3.3 Future Servers

3.3.1 Madam

Property	Value
Domain	quietly.co.me
Public IP	164.68.107.251
Status	Not configured

3.3.2 Beauty

Property	Value
Domain	qui3tly.com
Public IP	84.247.176.135
Status	Not configured

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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
Version	v3.6.6
Port	80, 443
URL	-
Compose	`~/.docker-compose/traefik/`
Config	`~/.docker/traefik/`

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

---

4.1.2 CrowdSec (Security)

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

Purpose: Collaborative security with Traefik bouncer

4.1.3 Portainer (Container Management)

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

Purpose: Docker container management GUI

4.1.4 Headscale (VPN) - Native on Master

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

Purpose: Tailscale-compatible VPN coordination server

4.1.5 Pi-hole (DNS)

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

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Property	Value
Data	`~/.docker/pihole/`

Purpose: DNS server with ad blocking

4.1.6 Grafana (Monitoring Dashboard)

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

Purpose: Visualization dashboards

4.1.7 Prometheus (Metrics)

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

Purpose: Metrics collection and storage

4.1.8 Alertmanager (Alerts)

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

Purpose: Alert routing to Gotify

---

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4.1.9 Loki (Log Aggregation)

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

Purpose: Log aggregation for Grafana

4.1.10 Authelia (SSO/2FA)

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

Purpose: Single sign-on with 2FA

4.1.11 Semaphore (Ansible GUI)

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

Purpose: Ansible playbook execution GUI

4.1.12 Gotify (Push Notifications)

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

Purpose: Push notifications from Alertmanager

4.1.13 Cloudflared (Tunnel)

Property	Value
Version	2024.12.2
Compose	`~/.docker-compose/cloudflared/`

Purpose: Cloudflare tunnel for external access

4.1.14 IT-Tools (Utilities)

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

Purpose: Developer/IT utility collection

4.2 Lady Services

4.2.1 Traefik (Reverse Proxy)

Property	Value
Version	v3.6.6
URL	-
Compose	`~/.docker-compose/traefik/`

4.2.2 CrowdSec (Security)

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

Purpose: Collaborative security with Traefik bouncer

---

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4.2.3 Portainer Agent

Property	Value
Version	2.33.6
Port	9001
Compose	`~/.docker-compose/portainer/`

Purpose: Connects to master Portainer for remote management

4.2.4 Mailcow (Email Server)

Property	Value
Version	Latest (2026-01)
URL	https://mail.quietly.online
Webmail	https://mail.quietly.online/SOGo
Containers	18 (nginx, postfix, dovecot, rspamd, mysql, redis, sogo, clamd, etc.)
Compose	`/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

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