

Shannon - Quad-Server Architecture

Hostinger VPS · Google Cloud · AWS · iDrive E2

HOSTINGER VPS	GOOGLE CLOUD	AWS / iDrive E2
31.97.140.7	gclove-server · 35.209.114.76	us-east-1
OS: Ubuntu 24.04.4 LTS	Type: e2-micro	EC2: t3.small
CPU: 4 vCPU	Region: us-west1-b	S3 bucket: shannonjlove-cloud
RAM: 15 GiB	vCPU: 2 shared	Objects: 14,820
Disk: 200 GB	RAM: 1 GiB	Size: 76 GB
Podman: 4.9.3	Disk: 30 GB	Mount: rclone
Uptime: 14d	Role: Lightweight svc	Role: Edge / origin

PODMAN CONTAINERS - 20 services across 8 groups

rootless · custom bridges per app · traefik-routed

INFRA (4 services)	MEDIA (3 services)	APPS (3 services)	OBSERVABILITY (1 service)
traefik, tailscaled, watchtower, cloudflared	sonarr, radarr, bazarr	mealie, homepage, cockpit	grafana, loki
MCP (5 services)	AI (2 services)	IOT (2 services)	SYNC (1 service)
mcp-filessystem, mcp-memory, mcp-mobile, mcp-ios-sim, mcp-apple-docs	ollama, whisper-stt	zigbee2mqtt, mosquito	resilio-sync

EDGE · NETWORK · ACCESS

Reverse proxy Traefik v3.5.3 :80, :443	VPN mesh Tailscale :41641/udp	Tunnel Cloudflared outbound
DNS hub Hostinger VPS shannonjlove.cloud	Firewall ufw (review) OpenSSH/80/443	TLS Let's Encrypt auto-renew

ESSENTIAL COMMANDS

```

podman ps # list containers
systemctl status container-traefik # service health
systemctl status tailscaled # vpn status
ss -tulpn # listening sockets
journalctl -u container-* -n 100 # service logs
df -h && free -h && top -bn1 # quick resource check
tailscale status # tailnet peers
podman logs --tail=200 <name> # container logs
ufw status verbose # firewall rules
  
```

OPERATIONS CADENCE

- DAILY**
CPU trends · container health · log spikes
- WEEKLY**
apt update · disk usage · failed units · cert expiry
- MONTHLY**
cost review · reallocate services · capacity plan
- ALERTS**
CPU > 80% / 5min · MEM > 85% / 5min · disk > 90%
- BACKUPS**
before major changes · off-server copy · test restore
- PHILOSOPHY**
zero-storage on edges · S3 is source of truth