

Dozzle

Overview

Dozzle is a lightweight, real-time log viewer for Docker containers. It provides a web UI to stream, search, and follow container logs without needing to SSH into the host and run `docker logs`. It is configured to monitor containers on both Centerpoint and Lusankya (the second homelab server at `192.168.1.114`).

Access

Type	URL	Notes
Internal	<code>https://dozzle.home.local</code>	LAN access via Step-CA TLS

No external (internet-facing) Traefik route — LAN and Tailscale access only.

Configuration

Image: `amir20/dozzle:latest` (v10.6.0 at time of writing) **Compose project:** `dozzle` (managed via Portainer)

Environment Variables

Variable	Value	Purpose
<code>DOZZLE_HOSTNAME</code>	<code>Centerpoint</code>	Display name for the local host
<code>DOZZLE_REMOTE_HOST</code>	<code>tcp://192.168.1.114:2375 Lusankya</code>	Adds Lusankya as a remote Docker host
<code>DOZZLE_ENABLE_ACTIONS</code>	<code>false</code>	Disables container start/stop from UI
<code>DOZZLE_ENABLE_SHELL</code>	<code>true</code>	Enables shell access to containers

`DOZZLE_ENABLE_SHELL=true` allows executing shell commands inside any container from the Dozzle UI. This is a powerful capability — ensure Dozzle is not accessible externally.

Traefik Labels

```
traefik.enable: "true"
traefik.http.routers.dozzle.rule: Host(`dozzle.home.local`)
traefik.http.routers.dozzle.entrypoints: websecure
traefik.http.routers.dozzle.tls.certresolver: step-ca
traefik.http.services.dozzle.loadbalancer.server.port: 8080
```

Internal-only route. No Authentik ForwardAuth on this route — access is controlled at the network level (LAN + Tailscale only).

Volumes / Bind Mounts

Host Path	Container Path	Purpose
<code>/var/run/docker.sock</code>	<code>/var/run/docker.sock:ro</code>	Read-only Docker socket access

Dozzle mounts the Docker socket read-only. No persistent data volume is required — Dozzle streams logs directly from the Docker daemon and does not store them.

Networks

Network	Purpose
<code>traefik-net</code>	Exposes the Dozzle web UI

Remote Hosts

Dozzle connects to Lusankya's Docker daemon at `tcp://192.168.1.114:2375`. This requires Lusankya's Docker daemon to have TCP exposure enabled. Logs from both Centerpoint and Lusankya containers are visible in a single Dozzle instance.

Dependencies

- Docker socket on Centerpoint (`/var/run/docker.sock`)
- Lusankya Docker daemon accessible at `tcp://192.168.1.114:2375`
- Traefik on `traefik-net` for the `dozzle.home.local` route

Notes / Gotchas

- `DOZZLE_ENABLE_SHELL=true` gives the ability to `exec` into any container from the browser. Treat this with the same care as SSH access to the host.
- Dozzle does not persist logs. Once a container is removed, its historical logs are no longer accessible from Dozzle (use `docker logs` or a log aggregation stack for archival).
- The `latest` image tag tracks the latest release. Dozzle updates frequently — check the changelog before pulling, especially for breaking UI changes.
- Lusankya's Docker TCP port (`2375`) is unencrypted. This is acceptable on the private LAN but should never be exposed externally.

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