

**LOGZILLA DOCUMENTATION**

# Custom DNS

Override Docker DNS resolvers and host mappings for LogZilla containers via `/etc/docker/daemon.json`, enabling custom internal name resolution

Administration · Generated April 27, 2026 · [logzilla.ai/docs/administration/custom-dns](https://logzilla.ai/docs/administration/custom-dns)

## Specifying custom DNS servers

Configure Docker's DNS so all LogZilla containers use the desired resolvers.

Create or edit `/etc/docker/daemon.json` on the host.

Add DNS settings (JSON):

```
{
  "dns": ["1.2.3.4", "5.6.7.8"],
  "dns-search": ["example.com"]
}
```

Notes:

- Replace the IPs and domain with values for the environment.
- Keep the file valid JSON; merge with existing keys if present.
- Restarting Docker will interrupt running containers. Plan a short maintenance window.

Restart Docker:

```
sudo systemctl restart docker
```

## Custom host mappings (without changing DNS)

When DNS reverse lookups are unavailable or specific overrides are needed, configure static host mappings for LogZilla containers using `/etc/logzilla/hosts.in` (loaded into container `/etc/hosts`).

Create or edit `/etc/logzilla/hosts.in` on the host. Format matches `/etc/hosts` (multiple names per line allowed):

```
1.2.3.4 foo.bar.baz
2.3.4.5 baz.lab.com
10.11.12.13 somedevic somedevic.foo.com
```

Restart affected container(s) to apply the mapping. For syslog:

```
logzilla restart -c syslog
```

Verify inside the container that the entry exists:

```
docker exec -ti lz_syslog cat /etc/hosts
```

The `hosts.in` file is read by LogZilla during container (re)creation and populates container `extra_hosts`. Update the file and restart relevant containers whenever mappings change.