

05-nzbget.md

kstack: book: Centerpoint Home
Lab chapter: Media Management
page: NZBGet tags: [nzbget,
usenet, download-client, arr,
media-management]

Overview

NZBGet is the Usenet download client for the homelab. It receives download jobs from Sonarr, Radarr, Whisparr, and LazyLibrarian, downloads from configured Usenet providers, unpacks archives, and notifies the requesting *arr application when complete.

Downloads are staged to the Ceph OSD volume (`1TB_Vol2`) for high-speed local writes before being processed and moved to UnRAID.

Access

Type	URL	Notes
Internal	<code>https://nzbget.home.local</code>	LAN access via Step-CA TLS
External	<code>https://nzb.jeeves5454.ddns.net</code>	Authentik SSO + GeoBlock + CrowdSec

Configuration

Image: `lscr.io/linuxserver/nzbget:latest` **Compose project:** `arr` stack

Traefik Labels

```
# External route
traefik.http.routers.nzbget-external.rule: Host(`nzb.jeeves5454.ddns.net`)
traefik.http.routers.nzbget-external.entrypoints: websecure
traefik.http.routers.nzbget-external.tls.certresolver: letsencrypt
traefik.http.routers.nzbget-external.middlewares: authentik-auth@docker,plex-geoblock@file,crowdsec-bouncer@file
traefik.http.routers.nzbget-external.service: nzbget-svc

# Internal route
traefik.http.routers.nzbget-internal.rule: Host(`nzbget.home.local`)
traefik.http.routers.nzbget-internal.entrypoints: websecure
traefik.http.routers.nzbget-internal.tls.certresolver: step-ca
traefik.http.routers.nzbget-internal.service: nzbget-svc

traefik.http.services.nzbget-svc.loadbalancer.server.port: 6789
```

Volumes / Bind Mounts

Host Path	Container Path	Purpose
<code>/home/jeeves/docker/arr/NZBGet/config</code>	<code>/config</code>	NZBGet settings and queue database
<code>/media/jeeves/1TB_Vol2/downloads</code>	<code>/downloads</code>	Download staging directory (Ceph OSD)
<code>/mnt/Multimedia</code>	<code>/media</code>	Media library (used by post-process scripts)

Download Directory Layout

NZBGet organises downloads under `/downloads` with category subdirectories:

```
/media/jeeves/1TB_Vol2/downloads/
├─ usenet/
|   ├─ intermediate/    ← In-progress downloads
|   └─ complete/
|       ├─ tv/          ← Completed TV episodes → Sonarr picks up
|       ├─ movies/      ← Completed movies → Radarr picks up
|       ├─ books/       ← Completed books → LazyLibrarian picks up
|       └─ adult/       ← Completed adult content → Whisparr picks up
```

Notes / Gotchas

- Usenet provider credentials (server address, port, username, password) are stored in NZBGet's settings — these are **REDACTED** in all documentation.
- NZBGet's built-in web UI has its own username/password in addition to the Authentik ForwardAuth layer on the external route. Both must be configured.
- The Ceph OSD download volume provides fast local NVMe performance for downloads before they are moved to the slower NFS path. Ensure adequate free space is maintained on `1TB_Vol2`.
- Each *arr app connects to NZBGet via `http://nzbget:6789` on the `media-network` using the NZBGet API credentials configured in the *arr download client settings.

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