

00-chapter-intro.md

kstack: book: Centerpoint Home
Lab chapter: Media Management
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[media-management, arr, sonarr,
radarr, prowlarr, nzbget]

Overview

This chapter documents the automated media acquisition and management stack — commonly referred to as the *arr ecosystem. These services work together to monitor, search, download, rename, and organise media content automatically, then deliver it to Plex and Jellyfin.

Download Pipeline

Seerr (request) → Sonarr / Radarr / Whisparr / LazyLibrarian

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Prowlarr (indexer search)

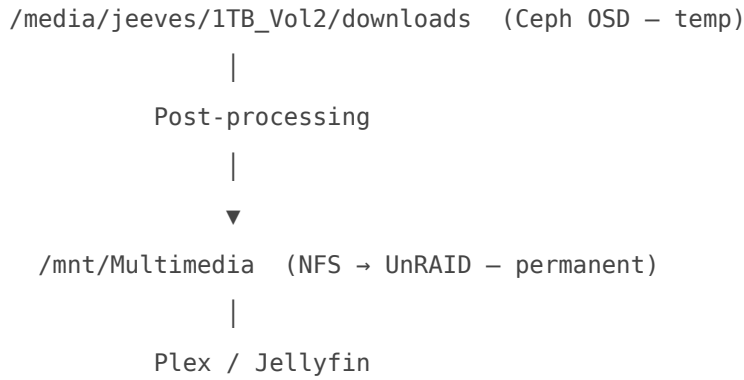
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NZBGet (Usenet download)

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Downloads land temporarily on the Ceph OSD volume (`nvme2n1` , mounted at `/media/jeeves/1TB_Vol2`) for high-speed write performance. After post-processing, completed media is moved/hardlinked to the UnRAID NFS share at `/mnt/Multimedia` for permanent storage.

Shared Networks

All services in this chapter are on two Docker networks:

Network	Purpose
<code>traefik-net</code>	Web UI access via Traefik
<code>media-network</code>	Internal service-to-service communication (no Traefik hop)

`media-network` allows `*arr` services to reach each other and NZBGet directly by container hostname without going through Traefik.

Services in This Chapter

Service	Container	Status	Purpose
Sonarr	<code>sonarr</code>	Active	TV show monitoring and management
Radarr	<code>radarr</code>	Active	Movie monitoring and management
Prowlarr	<code>prowlarr</code>	Active	Indexer aggregator for all <code>*arr</code> apps
Bazarr	<code>bazarr</code>	Active	Subtitle management
NZBGet	<code>nzbget</code>	Active	Usenet download client
Whisparr	<code>whisparr</code>	Active	Adult content management (Sonarr fork)

Service	Container	Status	Purpose
LazyLibrarian	lazylibrarian	Active	Book and magazine management
Mylar3	mylar3	Active	Comics management
Audiobookrequest	audiobookrequest	Active	Audiobook request portal
Profilarr	profilarr	Active	Quality profile manager for *arr apps
Dispatcharr	dispatcharr	Active	IPTV channel and stream dispatcher
Pulsarr	pulsarr	Active	Watchlist automation and notifications
FlareSolvrr	flaresolvrr	Offline	Cloudflare bypass proxy for Prowlarr

Last Updated: 2026-06-16

Revision #2
Created 2026-06-17 04:45:43 UTC by Admin
Updated 2026-06-17 04:45:43 UTC by Admin