

Aspire 5.0

NoSQL DB provider supported by the Aspire 5.0 release:

- Elasticsearch/Kibana versions 7.9.2

Java version supported

- OpenJDK 11

New Features

- New architecture under the concept of Manager and Worker nodes.
 - No need of Zookeeper.
 - Nodes properties configuration.
- New Configuration and Control API:
 - Connections API.
 - Connectors API.
 - Credentials API.
 - Policies API.
 - Schedules API.
 - Seeds API.
 - Workflow API.
- Security API.
- Manager and Worker communication API.
- Containerized deployments support:
 - Aspire 5 offers official container images for container technologies.
- Resources API.
- Enhanced User Interface (UI):
 - Separated pages for Seed, Connector, Connection, Credentials, Policies, Schedules, and Workflow configuration.
 - New tools:
 - Extension Manager for custom components.
 - Groovy Playground.
 - DXF Playground.
- Updated all 3rd party dependencies to [the latest versions](#).
- New sandbox [QuickStart installation](#) with Docker:
 - Easiest way to get started with Aspire.
 - Containers including Aspire, LDAP, Elasticsearch and Kibana, all secured with HTTPS.
 - Not recommended for production environments.
- Kubernetes [deployment guide](#):
 - Easiest way to get started with Aspire 5 in a Kubernetes environment with production recommended notes.
- Connectors
 - File System.
 - SharePoint Online.
 - Group Expansion Connector.
 - Azure Identity Connector.
- Publishers
 - Publish to File.
 - Publish to Elasticsearch.

Known Issues

- Aspire Framework
 - Improve Job cleanup for idle connectors.
 - Manager source info initialization errors.
 - Nodes are not shutting down in the time expected, having ES down.
 - Throttling is being applied per Seed, when it should be applied per Policy.
- Aspire UI
 - Seeds field should be required for any type of Schedules.
 - UI actions are limited for users with both Admin and Operator roles.
 - No redirect page for 401 message (unauthorized) accessing Aspire Debug Console.
 - Edit page for Seeds loading empty rare times.
 - Failed Documents -> Error Retry Patterns section with temporary checkbox to enable it, and it requires at least 2 items to work.
 - Add Delete Policies to Connections UI (all connector types).
- Connectors

- File System
 - UncheckedExecutionException generating hierarchy info with the Index Containers option checked.
 - SharePoint Online
 - Error crawling long URLs.
- Publishers
 - Elasticsearch
 - HTTPS option not supported for the 'Host and port' option.