OmniDocs

EasySearch

Release Notes

Version: 12.1

Release Date: 26th December 2025

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1 About this document

These release notes describe the latest enhancements in NewgenONE OmniDocs EasySearch version 12.1.

1.1 Revision history

Revision date	Description
December 2025	Initial publication

1.2 Intended audience

This guide is for:

- New and existing users of OmniDocs
- Newgen implementation, sales, pre-sales, CRM, and marketing teams

1.3 Documentation feedback

To provide feedback or suggestions for improvement on technical documentation, you can email docs.feedback@newgensoft.com.

To help capture your feedback effectively, share the following information in your email:

- Document name
- Version
- Chapter, topic, or section
- Feedback or suggestions

2 Release summary

This release adds significant improvements to the search framework in NewgenONE. It provides a modern, configurable, and relevant search experience.

With the new NewgenONE EasySearch Ingestion Service, the platform ingests metadata into either an ElasticSearch server or an RDBMS. This approach improves ingestion speed and enhances overall search performance. The search experience is now more flexible. You can configure fuzzy search behavior to control how closely user queries match stored content. You can adjust these settings to meet business needs.

Relevance tuning is also improved. Field-level boosting enables you to prioritize specific fields, allowing the system to return more meaningful, context-aware results. Together, these enhancements improve search accuracy, performance, and configurability across the platform.

3 Enhancements

The following enhancements are included in this release:

- **NewgenONE EasySearch Ingestion Service**
  The Apache Manifold Crawler service is replaced with the NewgenONE EasySearch Ingestion Service. This service crawls metadata for documents and folders from the RDBMS and pushes it to either the ElasticSearch server or the RDBMS (EasySearch without Elastic).
- **Configurable fuzzy search**
  Fuzzy search is now configurable. You can disable it or allow a character deviation of 1 or 2 characters. You can also set the fuzziness parameter to **Auto**. In Auto mode, shorter search terms allow less deviation, and longer search terms allow more.
- **Field-level boosting**
  The boost parameter lets you assign a relative weight to specific fields. This influences their contribution to overall relevance and helps prioritize important information in search results.
- **Control over primary and replica shards**
  You can specify the number of primary shards (main data partitions) and replica shards (copies of primary shards) during index creation. This gives you precise control over data distribution and fault tolerance.
- **Configurable rollover policy for ElasticSearch**
  You can configure a rollover policy that automatically triggers index rollover when an index reaches a defined threshold, such as maximum document count, size, or age. When this happens, the system creates a new write index and shifts incoming writes to it without manual intervention.

4 Supported platforms

NewgenONE OmniDocs EasySearch 12.1 supports the following environments:

System requirement	Windows	Linux
Supported operating systems	• Windows Server 2019 (64-bit edition) • Windows Server 2022 (64-bit edition)	• RHEL 9.2 • RHEL 10.0
Compatible application servers	• JBoss EAP 8.0 (update 3) • WebSphere Liberty Jakarta EE 10-24.0.0.6 • WebSphere Liberty Jakarta EE 10-25.0.0.4	• JBoss EAP 8.0 (update 3) • WebSphere Liberty Jakarta EE 10-24.0.0.6 • WebSphere Liberty Jakarta EE 10-25.0.0.4
Compatible database servers	• Oracle ➢ Oracle 19c • Microsoft SQL Server ➢ SQL Server 2019 ➢ SQL Server 2022 • PostgreSQL 17.2	• Oracle ➢ Oracle 19c • Microsoft SQL Server ➢ SQL Server 2019 ➢ SQL Server 2022 • PostgreSQL 17.2
Compatible server-side JRE	• JDK 17 (64-bit) • JDK 21 (64-bit)	• JDK 17 (64-bit) • JDK 21 (64-bit)
Compatible browsers	• Mozilla Firefox 137 – 142 • Google Chrome 137 – 142 • Microsoft Edge 137 – 142 • Safari 18.6	• Mozilla Firefox 137 – 142 • Google Chrome 137 – 142 • Microsoft Edge 137 – 142 • Safari 18.6
Language	• English (United States) • Arabic • Vietnamese • French • Thai • Portuguese	• English (United States) • Arabic • Vietnamese • French • Thai • Portuguese

5 Hardware requirements

The following table lists the minimum hardware requirements for installing NewgenONE OmniDocs EasySearch 12.1:

Hardware requirement	Description
Server (for application server and web server)	• Server-grade machine (4 cores) • 8 GB RAM • 200 GB hard drive
Server (for the database server)	• Server-grade machine (4 cores) • 8 GB RAM

Hardware requirement	Description
	• 200 GB hard drive

NOTE:
Hardware requirements may vary based on deployment type and data volume.

6 Software on media enclosed

The following items are included with the product CD or DVD:

- **Installer**
  - Windows
  - Linux
- **Release Notes**
- **Manuals**
  - NewgenONE OmniDocs EasySearch 12.1 Installation Guide
  - NewgenONE OmniDocs EasySearch 12.1 User Guide

7 Known limitations

The following table lists the known issues or limitations in the NewgenONE OmniDocs EasySearch 12.1 release:

Issue or limitation	Workaround
File system documents are not searchable.	Not applicable
Without the ElasticSearch server, NewgenONE OmniDocs EasySearch does not support fuzzy search, proximity search, phrase search, synonym-based search, Boolean search, or facets and filters to narrow down the search results.	Not applicable

8 Deployment steps

See the NewgenONE OmniDocs EasySearch 12.1 Installation Guide for deployment steps.

9 Rollback plan

Not applicable

10 Integration strategy

Not applicable

11 Version number

NewgenONE OmniDocs EasySearch 12.1

12 Release artifacts

The following table lists the release artifacts included in this release:

S. No.	Enclosed	Yes/No/NA
1	• NewgenONE OmniDocs EasySearch 12.1 Release Notes • NewgenONE OmniDocs EasySearch 12.1 User Guide • NewgenONE OmniDocs EasySearch 12.1 Installation Guide	Yes
2	New function listing	NA
3	Modified functions	NA
4	Interface modifications	NA
5	Problem status (for all the pending bugs, given bug numbers and comments, offering more explanation)	NA
6	COTS components (if any)	NA
7	Others (if any, for example, freeware, open source, executables)	NA

13 Release dates

The following are the release dates:

- **Internal release date**: 26th December 2025
- **Market release date**: 5th January 2026

14 Product development location

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