IDOL
Content Component

Software Version 12.11.0

Release Notes

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Legal notices

Documentation updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

To check for updated documentation, visit https://www.microfocus.com/support-and-services/documentation/.

Support

Visit the MySupport portal to access contact information and details about the products, services, and support that Micro Focus offers.

This portal also provides customer self-solve capabilities. It gives you a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the MySupport portal to:

- View information about all services that Support offers
- Submit and track service requests
- Contact customer support
- Search for knowledge documents of interest
- View software vulnerability alerts
- Enter into discussions with other software customers
- Download software patches
- Manage software licenses, downloads, and support contracts

Many areas of the portal require you to sign in. If you need an account, you can create one when prompted to sign in.

Contents

New in this Release

The following new features were released in Content Component version 12.11.0.

- The IDOL Content component supports a new field specifier named `REGEXMATCH`. You can use this to query for documents where the value of a document field matches a regular expression. `REGEXMATCH` is optimized for `MatchType` fields, and `ParametricType` fields when `ParametricNumericMapping=TRUE`.

- Improved support for geospatial data and queries. You can now index, and query for, geometric objects in the Well-Known Text `LINESTRING`, `MULTIPOINT`, `MULTILINESTRING`, `MULTIPOLYGON`, and `GEOMETRYCOLLECTION` formats.

  You can use these geometric objects in queries with geospatial operators such as `GEOWITHIN`, `GEOCONTAINS`, and `GEOINTERSECTS`. For example, you could query for documents containing points or polygons that intersect a `LINESTRING`, which could represent a route passing through various regions.

- The generic security module (used when the security type is `AUTONOMY_SECURITY_V4_GENERIC_ MAPPED`) supports `SecurityInfo` strings that contain a comma-separated list of user names. Earlier versions supported only a single user name. This improves support for repositories where users can have alternative user names, such as an e-mail address and a user ID.

- The `DREINITIAL` index action has new parameters that make it easier to restore an index from a backup created by a different Content component. You can use the new parameter `BackupTime` to specify the time when the backup was created, so that the Content component can determine which index commands it has to replay from the index command archive. You can use the `ReplayArchivePath` parameter to specify the path to the index command archive that was generated by the other Content engine.

- The `DREREGENERATE` index action can regenerate the phrase index (`/DREREGENERATE?Type=Phrase`).

- The path of the temporary directory, where the server stores files that were uploaded in multipart requests, can be configured using the new parameter `TempDir` in the `[Paths]` section of the configuration file.

Resolved Issues

The following issues were resolved in Content Component version 12.11.0.

- Indexing a large number of documents was significantly slower with Content 12.10 than with earlier versions.

- When indexing documents in a language with sentence breaking and normalization enabled, particular inputs could cause Content to terminate unexpectedly.

- On Windows, compaction and regeneration of the security index could fail if the value of the configuration parameter `SecIndexPath` was an absolute path using "/" (rather than "\") as the directory separator.

- When the server was configured to require SSL and GSS authentication for incoming connections, POST requests over a certain size could fail with the error "httpServer error - could not receive request (HTTP message-header is too long)".

- The server was unable to renew its license and would therefore stop, if SSL was required for the connection to the IDOL License Server.

Supported Operating System Platforms

Content Component 12.11.0 is supported on the following platforms.

Windows (x86-64)

- Windows Server 2019

- Windows Server 2016

- Windows Server 2012

Linux (x86-64)

The minimum supported versions of particular distributions are:

- Red Hat Enterprise Linux (RHEL) 7

- CentOS 7

- SuSE Linux Enterprise Server (SLES) 12

- Ubuntu 14.04

- Debian 8

Solaris (x86-64 and SPARC 64)

DEPRECATED: Support for Solaris x86-64 and SPARC 64 was deprecated in IDOL version 12.10, for all IDOL components except KeyView. IDOL components are currently still available for Solaris, but might not be available in future.

- Solaris 11

- Solaris 10

Notes

These notes provide extra information about installing and using Content Component.

- The DRECOMPACT index action (whether scheduled or started manually) no longer compacts the phrase index by default, because doing so can take a significant amount of time for large indexes. If necessary you can restore the previous behavior by setting CompactPhraseIndex=TRUE in the [Schedule] section of the configuration file.

Deprecated Features

The following features are deprecated and might be removed in a future release.

Category	Deprecated Feature	Deprecated Since
Configuration	The HMACValidation configuration parameter. In version 12.9.0, the AES implementation for encrypting security info strings was updated to include built-in authentication, so additional HMAC validation is no longer required or supported.	12.9.0
Configuration	The NGramOrientalOnly configuration parameter. You must now use the equivalent NGramSentenceBrokenScriptOnly parameter instead.	12.7.0

Documentation

The following documentation was updated for Content Component version 12.11.0.

- *IDOL Expert*

- *IDOL Getting Started Guide*

- *IDOL Server Reference*

- *IDOL Content Component Reference*

- *IDOL Server Administration Guide*