IDOL
Content Component

Software Version 12.10.0

Release Notes

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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/.

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

Many areas of the portal require you to sign in. If you need an account, you can create one when prompted to sign in. To learn about the different access levels the portal uses, see the Access Levels descriptions.

Contents

New in this Release

The following new features were released in Content Component version 12.10.0.

- The `TermExpand` action supports the `FieldText` parameter, so that you can restrict term expansion results to terms that appear in documents that match the specified field text.

  > **NOTE:** Query Manipulation Server (QMS) sends `TermExpand` actions to the IDOL Content component when you use the `TypeAhead` action with `Mode=Index`. To use `FieldText` restrictions in `TypeAhead` actions (for example `action=TypeAhead&Mode=Index&Text=...&FieldText=...`) you must either upgrade to QMS 12.10 or add `FieldText` to the value of the `AllowedQueryParams` configuration parameter in the `[Server]` section of your QMS configuration file.

- When index encryption is enabled, the Content component encrypts the stored state tokens that are generated when users run queries with `StoreState=True` (if `StoredStateField` has been set so that document references are used instead of document IDs). The Content component does not encrypt existing tokens (created before you upgraded to IDOL 12.10, or before you enabled index encryption).

- When writing critical data on Windows, the Content component instructs the operating system to commit to a physical disk and not an intermediate cache. This means that a system crash or loss of power is less likely to leave Content in an unrecoverable state.

- The third-party libraries libxml2 and libxslt have been updated, to versions 2.9.11 and 1.1.34 respectively.

Resolved Issues

The following issues were resolved in Content Component version 12.10.0.

- Configuration files that included parameters from another file could be rendered invalid by operations that updated the configuration file on disk (for example adding a database with the action `DRECREATEDBASE`). This primarily affected chained includes, such as cases where `content.cfg` included a section from `a.cfg` which in turn included that section from `b.cfg`.

- `ReferenceType` fields containing a "+" character could not be correctly matched using the FieldText `MATCH{}` operator.

- An agent boolean involving a field restriction on a wildcard term could incorrectly fail to match against a textparse document. (To be affected, the same wildcard term had to be repeated in the agent boolean query, with different field restrictions.)

- When the IDOL Content component was configured with `RequireSecurityInfo=TRUE`, the `TermExpand` action required a valid `SecurityInfo` string even when `SecureTermExpansion` was set to `FALSE` and the `SecurityInfo` string was not used.

- Some patterns of corruption in term index files were not detected by validation or, in some circumstances, could cause the Content component to terminate unexpectedly during the validation process.

Supported Operating System Platforms

Content Component 12.10.0 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) 6

- CentOS 6

- 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.

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 12.10.0.

- *IDOL Expert*
- *IDOL Getting Started Guide*
- *IDOL Server Reference*
- *IDOL Content Component Reference*
- *IDOL Server Administration Guide*