IDOL Content Component

Software Version 12.5.0

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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- 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 IDOL Content Component version 12.5.0.

- The Content component ZIP package now includes the files required to run the embedded Content service and processor in IDOL NiFi Ingest. These files are in the /nifi directory of the ZIP. For more information, refer to the IDOL NiFi Ingest documentation.

- The reference index has been optimized to reduce the on-disk footprint when indexing multi-section documents.

  > **NOTE:** When you upgrade an existing Content installation to version 12.5.0, the reference index is automatically regenerated in the new format when you start Content.

- You can now compress an individual backup by setting the `Compress` parameter on the `DREBACKUP` action, which overrides the value `BackupCompression` configuration parameter.

- When using GSS authentication, you can now log additional information about GSS authentication failures for ACI and service actions by setting the new `LogGSSFailures` parameter to **True** in the `[Server]` or `[Service]` section.

- When using GSS authentication, you can now log additional information about GSS authentication failures for index actions by setting the new `LogGSSFailures` parameter to **True** in the `[IndexServer]` section.

Resolved Issues

The following issues were resolved in IDOL Content Component version 12.5.0.

- When index encryption was enabled, value mapping files were sometimes unnecessarily rewritten, reducing the indexing speed.

- Sending multiple `DREREPLACE` index actions against the same document reference to update Index type fields could result in unexpectedly large growth in index size.

- Content could log spurious messages when ACI actions included references that happened to match uncommitted documents. For example `expected to read 2 from ref nodetable, actually read = 0`.

- A document could become temporarily irretrievable if its compression state was altered by a `DREREPLACE` index action.

- When index encryption was enabled, having a large number of distinct terms (that is, if the total size of `diskindex/dbc*.db` files was more than 2GB), Content could produce spurious warnings when flushing data to disk, for example `unable to seek within bigfile`. An extremely large number of terms (dbc files larger than 4GB) could sometimes result in data loss.

- When index encryption was enabled, term data could be lost if a `DRESYNC` operation occurred after only a single term had been indexed into an empty engine.

- When index encryption was enabled, queries could log a spurious warning `Chunked term ... moved unexpectedly`.

- When the persistent term cache was enabled, terms with a very large number of total occurrences (around 500 million) could cause an interruption of service when flushing the index to disk.

- The mapped security library failed to process some Access Control Lists (ACLs) of the type `AUTONOMY_SECURITY_V4_EXCHANGE_MAPPED` which were generated by the Exchange Web Service Connector.

- When regenerating numeric, numeric date, or bitfield type fields, if there were no fields of the specified type, Content could exit unexpectedly.

- The Chinese sentence breaking library failed to reinitialize after a restart.

  > **NOTE:** To resolve this issue, ensure that you copy the `chinesebreaking` sentence breaking library (DLL or SO) from the Content release package to your langfiles folder.

- For languages where NGram sentence breaking was configured, query summary phrases returned as a sequence of NGrams. Content now returns values as closely as possible to their original appearance (for example 概略報告 instead of 概略 略報 報告).

Documentation

The following documentation was updated for IDOL Content Component version 12.5.0.

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