Hewlett Packard
Enterprise

HPE Content Component

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Release Notes

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New in this Release

This section lists the enhancements to HPE Content Component version 11.3.0.

- The `GetQueryTagValues` action now accepts the `Predict` parameter. You can set `Predict` to **True** to estimate the parametric value counts for the matching documents, when the total number of matching documents is larger than the configured threshold. This option can improve the performance for large queries. You cannot set `Predict` to **True** if you want to use the `QuerySort` parameter.

  You can use the new `ParametricResultsPredictionThreshold` and `ParametricResultsPredictionThresholdPercentage` configuration parameters to specify the sample size to use when predicting the total threshold. If you do not set these parameters, Content uses the value of the `TotalResultsPredictionThreshold` parameter.

  > **NOTE:**
  > If you want to use prediction with `GetQueryTagValues` in a system with a DAH, you must also update the DAH to version 11.3.0 or later.

- When you set `Predict` to **True** on a request (for `Query`, `Suggest`, `SuggestOnText`, or `GetQueryTagValues`), Content now returns an `<autn:predicted>` tag in the response to indicate whether it used prediction. This tag contains a Boolean value, which is `True` if the query matched enough documents to reach the prediction threshold. If the prediction threshold was not reached and the values are exact, `<autn:predicted>` contains the value `False`.

- The `NormalizeReferences` parameter has been added. By default, Content normalizes references to make them case insensitive and convert back slash characters to forward slashes. You can set `NormalizeReferences` to **False** in the `[Server]` section if you do not want to normalize references, for example because you want to use case sensitive references for your documents. In this case, references must be identical to match.

- Support has been added for the Tetum language, including support for automatic language detection.

- The `Combine` operation on `ReferenceType` fields has been optimized for the `GetQueryTagValues` action.

- The `SSLCipherSuite` configuration parameter has been added. You can use this parameter to set an explicit list of ciphers to allow, or to disallow specific ciphers.

- The `SSLMethod` configuration parameter option `SSLV23` has been renamed to `Negotiate`. This option means that the server uses the highest available protocol in its SSL/TLS connections. The `SSLV23` name is still available, but might be deprecated in future.

Resolved Issues

This section lists the resolved issues in HPE Content Component version 11.3.0.

- When `XMLFullStructure` was set to **True**, performing an `ARANGE FieldText` operation on a `SortType` field and then indexing any file could result in spurious sortfield files being created. Sending the same query again then loaded the files, resulting in excessive memory use.

- In some circumstances, optimized `MATCHCOVER` queries could be slower than expected.

- AgentBoolean rules that contained hyphenated terms could fail to match against TextParse documents.

- Content was able to retrieve a license from IDOL License Server only if the license was retrieved within one minute.

- Field name matching for field restrictions in `Query` parameters could sometimes match incorrect fields.

- When using very long input text (more than approximately 32000 terms) on an agent `Query`, some Wildcard terms in an AgentBoolean rule (specifically, those with non-leading Wildcards) could fail to match. This could also affect the `Highlight` action with `Boolean` set to `True`.

- When the `IndexCacheFlushPause` parameter was configured, Content would sometimes pause unnecessarily when very small amounts of data were being flushed.

Documentation

The following documentation was updated for this release.

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