

IDOL Distributed Action Handler

Software Version 12.9.0

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.

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- 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](#).

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New in this Release

The following new features were released in Distributed Action Handler version 12.9.0.

- The implementation of AES that IDOL uses to encrypt security info strings has been updated. This update is not backwards compatible with earlier versions. If you use AES to encrypt security info strings, you must upgrade all IDOL components that process security info (Community, Content, DAH, and Answer Server) to version 12.9, to ensure that components can successfully exchange security info.
- ACI servers can now communicate with a License Server instance that requires a GSSAPI authenticated connection (that is, where the License Server configuration has `RequireGSSAuth` set to `True`). To allow this communication, you must set `GSSServiceName` in the `[License]` section of the configuration file to the GSSAPI service name of the License Server. For example:

```
[License]  
GSSServiceName=LICENSESERVER
```

- The third-party OpenSSL library has been updated to 1.1.1.j.
- The `Admin`, `Help`, `LoadDoc`, and `LoadImage` actions now set the HTTP response header `Content-Security-Policy`, to improve security against cross-site scripting. If the `Content-Type` header is set, these actions also set the header `X-Content-Type-Options: nosniff`.

Resolved Issues

The following issues were resolved in Distributed Action Handler version 12.9.0.

- The `PreserveCarriageReturn` configuration parameter was not respected properly for free XML (that is, the contents of a document tag) at all levels of a multi-level DAH setup.
- When `PreserveCarriageReturn` was set to **True**, DAH could return invalid XML for certain actions. This mainly affected mirror mode, but could also affect certain 'stateless' actions (such as `Highlight` and `DetectLanguage`) in other distribution modes.
- The `GetStatus` action response reported an incorrect number of databases when databases had been deleted in underlying Content servers. It now reports the correct figure.
- In failover mode, with Combinator VDBs configured, DAH sometimes did not use the correct primary child server at start up when it was available, and after failover could continue using a secondary child server after the primary server became available. DAH now uses the correct child server, when available, and returns to earlier child servers when available.

Notes

These notes provide extra information about installing and using Distributed Action Handler.

- The provided default configuration files now define the following sections from a common configuration file, `idol.common.cfg`: `[License]`, `[AdminRole]`, `[QueryRole]`, `[IndexRole]`, `[Logging]`, `[ApplicationLogStream]`, `[QueryLogStream]`, and `[IndexLogStream]`.
- The `autopassword` command-line tool has been updated to provide hardened AES encryption for passwords. Micro Focus strongly recommends that you reencrypt all passwords in configuration files by using the updated tool.

The older AES encryption format and basic encryption methods are now deprecated. Passwords that you have encrypted with older versions continue to work, but the server logs a warning. Support for these older encryption methods will be removed in future.

Documentation

The following documentation was updated for Distributed Action Handler version 12.9.0.

- *Distributed Action Handler Reference*
- *Distributed Action Handler Administration Guide*