

IDOL

Community Component

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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- 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](#).

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New in this Release

The following new features were released in Community Component 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.

This change includes built-in authentication, so additional HMAC validation (by using the `HMACValidation` parameter) is no longer required or supported. The `HMACValidation` is now deprecated, and might be deleted in future.

- Community can now communicate with an `OmniGroupServer` instance that requires a GSSAPI authenticated connection (that is, where the `OmniGroupServer` configuration has `RequireGSSAuth` set to `True`). To allow this communication, you must set `GSSServiceName` in the section of the Community configuration file for the security repository to the GSSAPI service name of the `OmniGroupServer` for that repository. For example:

```
[MyRepository]
GSSServiceName=OMNIGROUPSERVER
```

- 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 Community Component version 12.9.0.

- When SSL was configured for the Data DRE, the background database list update failed, logging an error Unable to configure a SSL connection with Data DRE.

Notes

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

- 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]`.

- **Deprecated Features**

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

Category	Deprecated Feature	Deprecated Since
Configuration	The <code>HMACValidation</code> 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

- The `outpassword` 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 Community Component version 12.9.0.

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