



Query Manipulation Server

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Release Notes

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New in this Release

The following enhancements were added in QMS version 11.6.0.

- You can now use a Lua script to modify a query request after QMS has processed any rules and expanded the query accordingly. You configure the new Lua script by setting the `Script` parameter in the `[ExpandedRequestCooker]` configuration section to the path to the script.

The Lua script must define a function called `cook_expanded_request` that accepts three arguments. The first argument is the original request that QMS received (string). The second argument is the request following QMS manipulations (string). The final argument is the references of rules that were triggered by the original request (table of strings).

The function must return a table that contains the parameters of the final request to run (that is, the same return type as the pre-manipulation cooker function).

- QMS supports the following new Lua functions and methods:
 - `deleteFieldByPath` function, which you can call on a `LuaDocument` or `LuaField` object to delete fields or sub-fields that match a specified path.
 - `getFieldsByRegex`, which you can call on a `LuaDocument` or `LuaField` object to get fields or sub-fields where the name or path of the field or sub-field matches a regular expression.
- You can now configure your authorization role `SSLIdentities` to identify clients by using an email address in the certificate `subjectAltName`. You can use an optional tag for each SSL identity to specify whether it is a **dns** or **email** type identity. If there is no tag, the server treats it as **dns** type. For example:

```
SSLIdentities=email:user@example.com,dns:admin.example.com,webapp.example.com
```

- When using GSS security, you can now configure the service to allow clients to authenticate to any service principal in the service's keytab, rather than requiring a single principal. You use this option by setting the `GSSServiceName` configuration parameter to an asterisk (*).

Resolved Issues

The following issues were resolved in Query Manipulation Server version 11.6.2.

- Javascript could be injected into the `GetRequestLog` response by sending actions to the server.

The following issues were resolved in Query Manipulation Server version 11.6.0

- License related messages in the event log would appear from a different source to other messages.

Documentation

The following documentation was updated for this release.

- *QMS Administration Guide*
- *QMS Reference*