



Controller

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Release Notes

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New in this Release

The following enhancements were added in Controller version 11.6.0.

- Date processing has been improved for the scheduling actions:
 - For the `AddSchedule` and `EditSchedule` actions, the `ScheduleStart` and `ScheduleEnd` parameters, and the `Schedule` XML now accept a date in the ISO-8601 format `YYYY-MM-DDTHH:NN:SS.FFFFZ`.
 - All actions now return all dates in UTC.
 - You can now specify the date format that you want to use in the schedule action responses by setting the `ResponseDateFormat` parameter. This allows you to return dates in `AUTNDATE` or `ISO-8601` format, or in a custom format that you define. This parameter is available for `AddSchedule`, `EditSchedule`, `GetSchedules`, `PauseSchedule`, and `ResumeSchedule`.
- The diagnostic action now copies the `controllerinfo.cfg` and `serviceinfo.cfg` files to the diagnostic package if they are available. Note that if you use a remote database to store your service and controller information, those details might not be present in the local files.
- You can now configure a timeout for scheduled actions. You can set the `ScheduleActionTimeout` parameter in the `AddSchedule` and `EditSchedule` actions to specify the number of seconds that Controller waits before timing out the action. You can also configure the default value by setting `DefaultActionTimeout` in the `[Scheduler]` configuration section.
- You can now configure timeouts for the `SendAction` action. You can set the `SendActionConnectTimeout` and `SendActionReadTimeout` configuration parameters in the `[Server]` section to specify the number of seconds to wait for connecting to the component and reading the response, respectively.
- Controller supports the new `deleteFieldByPath` Lua function, which you can call on a `LuaDocument` or `LuaField` object to delete fields or sub-fields that match a specified path.
- Controller supports the following new Lua functions:
 - `deleteFieldByPath`, 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 Controller version 11.6.2.

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

The following issues were resolved in Controller version 11.6.0

- After a restart, Controller could not schedule index actions.
- License related messages in the event log would appear from a different source to other messages.
- The `LogSysLog` logging configuration option did not output event logs.

Documentation

The following documentation was updated for this release.

- *Controller Reference*