

# License Server

Software Version 12.0.0

## Release Notes



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## New in this Release

This section lists the enhancements to License Server version 12.0.0.

- Several new modes have been added for the JSON response format. The `ResponseFormat` general ACI action parameter has the following new options:
  - `json/0`. The older JSON format, which returns single-element lists as objects rather than arrays.
  - `json/1`. A new JSON format, which returns single-element lists as arrays, for consistency with multiple-element lists.
  - `simplejson`. A new JSON format, similar to `json/1`, but it does not use \$ nodes to represent XML nodes unless the equivalent XML node contains attributes. This response format also does not use `authn:` prefixes in node names.

The existing `ResponseFormat` option, `json`, uses your default JSON format, which you configure by setting the `JSONFormat` parameter in the `[Server]` section of the configuration file. The `JSONFormat` configuration parameter accepts the three values listed above, as well as `json`, which uses the latest JSON format version (currently `json/1`).

- The OpenSSL library has been updated to version 1.0.2n.

## Resolved Issues

This section lists the resolved issues in License Server version 12.0.0.

- The `ShowPermissions` action did not show permissions for `SSLIdentities` configured in the `[AuthorizationRoles]`.
- If an ACI Server was configured to request client SSL certificates, running multiple requests from a client could sometimes fail with **session id context uninitialized** errors. For example, this could occur when loading IDOL Admin.

# Notes

These notes provide extra information about installing and using License Server.

- Documentation for the deprecated `AdminClients`, `IndexClients`, `UserClients`, `QueryClients`, `ServiceControlClients`, and `ServiceStatusClients` parameters has been removed.

This functionality is still available, but might be incompatible with new functionality, and might be deleted in the future. For details about the parameters, refer to the documentation for your components at version 11.6 or earlier.

# Documentation

The following documentation was updated for this release.

- *License Server Reference*
- *License Server Administration Guide*