



**Hewlett Packard**  
Enterprise

# **HPE License Server**

Software Version: 11.4.0

## **Release Notes**

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# New in this Release

This section lists the enhancements to HPE License Server version 11.4.0.

- License Server now supports licenses bound to a cloud virtual machine instance, by using a UUID rather than an IP or MAC address.

To obtain the required instance UUID value, refer to the available documentation for your cloud provider.

**NOTE:**

On Linux, to use a UUID-bound license, License Server must be able to access the system DMI/SMBIOS information. This usually requires root access. In this case, configure License Server to run with `setuid root`. License Server releases the extra privileges as soon as it verifies that the license key is valid for use on that server, and continues to run as the user that started the process.

- You can now configure action authorization more flexibly. The `[AuthorizationRoles]` configuration section has been added. You can add subsections to create roles, which can use a combination of existing roles (equivalent to the existing `AdminClients`, `QueryClients`, and so on), or a specific set of actions. For each role, you can specify the client IPs and hosts, SSL identities, and GSS principals to use to identify users that have particular permissions to run actions.

If you want to use only SSL and GSS authorization, you can disable the client settings by setting the appropriate client configuration parameters to `""`. For example, `AdminClients=""` disables client authorization for administrative actions, and ensures that users must meet the SSL or GSS requirements.

- You can now set `SSLCertificate` to be a chain certificate in PEM format (consisting of the end-entity certificate, any intermediate certificates, and ending with the root CA certificate). This option allows a complete certificate to be returned to the connected peer.
- You can now set `SSLCheckCertificate` to `False` even when `SSLCACertificate` or `SSLCACertificatePath` are set. This allows the component to fill in any chain required for the `SSLCertificate` by using the certificates that you specify in `SSLCACertificate` and `SSLCACertificatePath`, without requiring a certificate from the connected peer.
- The `GSSAPILibrary` configuration parameter has been added to the `[Paths]` section. You can set this parameter to the path to the GSSAPI shared library or DLL that the application uses. Depending on your system configuration, HPE License Server attempts to detect the appropriate library to use. However, if you use Kerberos or GSSAPI security in your setup, HPE recommends that you set an explicit value for this parameter.

## Resolved Issues

This section lists the resolved issues in HPE License Server version 11.4.0.

- The `GetVersion` action could incorrectly report their operating system on Microsoft Windows 10 and Microsoft Windows Server 2016 platforms.

# Documentation

The following documentation was updated for this release.

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