



# VE License Server 1.1.9 Release Notes



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## Relevant Products

This document is applicable to the following Stromasys software product:

Version 1.1.9 of the Charon Virtual Environment (VE) License Server.

This document also contains some information about older versions. However, please always refer to the Release Notes of your specific software version for the most relevant information.

## Host System Requirements and Supported Virtual Hardware

Please refer to the VE License Server User's Guide for details.

## Charon Emulator Product Compatibility

Currently, VE licensing is supported by Charon-SSP. The following table shows the compatibility between different Charon-SSP and VE license server versions:

Charon-SSP versions	Compatible VE License Server versions
>= 4.2.5 (if using version 4.2.x) >= 4.3.5 (if using version 4.3.x) 5.0.x 5.2.x 5.3.x	>= 1.1.4 (if using VE license server 1.1.x) >= 1.0.35 (if using VE license server 1.0.x)
< 4.2.5	< 1.1.4 (if using VE license server 1.1.x) < 1.0.35 (if using VE license server 1.0.x)

## New Features since Version 1.0

Virtual Environment (VE) license server additional features and improvements:

- Support added for IBM cloud and VMware environments
- Per-product-section passphrase authentication between license client and server
- License transfer between license servers
- Improved logging and web GUI information
- Improved logging of license server and utilities

## Known Caveats

### VE License Server

- A license update is required when upgrading to License Server 1.0.24 or newer from a version before 1.0.24.
- Due to the switch to a persistent VE license ID in License Server 1.0.27, a new license is required when upgrading to this or a newer version from a version before 1.0.27.
- A bugfix in version 1.0.35 and version 1.1.4 of the license server changed the protocol between license client and license server. For Charon-SSP VE 4.2, the matching change was implemented in version 4.2.5, for Charon-SSP VE 4.3.x and 5.x it was implemented in version 4.3.5. To avoid protocol mismatches, the VE license server software may have to be upgraded to the version provided with your Charon-SSP VE version when upgrading the Charon-SSP VE emulator software.
- Current VE license server versions are not backward compatible with older protocol versions that may be used by Charon license client systems. In addition, the license server cannot log a self-explanatory error messages in case of a failed connection attempt by a client with a non-matching protocol version.
- The `esxi_bind` command currently does not check if a correct vSphere license is used. This means that the command may report success even if the prerequisites are not met.

## Important Bug Fixes and Other Changes in Version 1.1.x

### Version 1.1.9

#### Other changes and enhancements:

- AWS RSA public certificates were updated for the us-gov-east-1 and us-gov-west-1 regions.
- C2V file content changed, but changes should not affect end-user.
- Improved logging to provide more information about permission problems.

### Version 1.1.8

#### Other changes and enhancements:

- Updated license content for future product support.

### Version 1.1.7

#### Other changes and enhancements:

- Preparatory work for supporting VE license server on physical hosts.

### Version 1.1.6

#### Other changes and enhancements:

- The licensed service is now stopped cleanly before exiting when an exception is detected. This avoids repeated restarts.

### Version 1.1.5

#### Bugs fixed:

- The `-password` option of `esxi_bind` did not work.

#### Other changes and enhancements:

- New log message when a license server client tries to login with the wrong passphrase.
- Check that a supported ESXi/vCenter version is used when running the VE license server in a VMware environment.

### Version 1.1.4

#### Other changes and enhancements:

- Improved license transfer feature.

### Version 1.1.3

#### Other changes and enhancements:

- First introduction of the license transfer feature.

### Version 1.1.2

#### Other changes and enhancements:

- Introduced per product-section passphrase.

### Version 1.1.1

#### Other changes and enhancements:

- Initial introduction of the passphrase authentication between license server and client.