

***Cleo* VLPProxy™**

Release Notes

Version 3.9



November 2021

RESTRICTED RIGHTS

Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (C)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227 - 7013.

Cleo

4949 Harrison Avenue, Suite 200
Rockford, IL 61108 USA
Phone: +1.815.654.8110
Fax: +1.815.654.8294
Email: sales@cleo.com
www.cleo.com

Support: 1.815.282.7894, 1.866.444.2536 (US only), 02038653439 (UK), or support@cleo.com

Cleo reserves the right to, without notice, modify or revise all or part of this document and/or change product features or specifications and shall not be responsible for any loss, cost or damage, including consequential damage, caused by reliance on these materials.

This document may not be reproduced, stored in a retrieval system, or transmitted, in whole or in part, in any form or by any means (electronic, mechanical, photo-copied or otherwise) without the prior written permission of Cleo.

© 2003-2021 Cleo. All rights reserved. Cleo is a trademark of Cleo. Cleo Harmony, Cleo VLTrader, and Cleo LexiCom are registered trademarks of Cleo.

All other marks are the property of their respective owners.

VLProxy version 3.9 Release Notes

Cleo VLProxy is a firewall proxy tool that allows you to place Cleo Harmony, Cleo LexiCom, or Cleo VLTrader inside the firewall and keep your documents secure while communicating with your trading partners. Cleo VLProxy is an HTTP forward and reverse proxy designed specifically for use with Cleo VersaLex. Cleo VLProxy normally runs in the DMZ (demilitarized zone) and forwards requests between Cleo VersaLex inside the company (behind the firewall) and external hosts on the Internet.

Cleo Technical Support

Standard Cleo Technical Support is available from 7am - 7pm CST, Monday through Friday. Support availability might differ depending on your support package.

Training and a support subscription are required to work with a Cleo technical support analyst for all products, except Cleo LexiCom.

When contacting the Cleo support team, have your contact information, the name of product you are calling about, and your serial number, if available. During the support process we may request additional information (for example, a support bundle) that will vary depending on the type of request or issue.

Requests are handled on a callback basis in the order they are received. The Cleo support answering service or web form will collect your information and your request will be placed in our callback queue.

To contact Cleo Technical Support:

- Use the request form at: <https://support.cleo.com/hc/en-us>.
- Call us:
 - 1-815-282-7894
 - US (toll free): 1-866-444-CLEO(2536)
 - UK: 02038653439

What's new in version 3.9

Cleo VLProxy version 3.9 is released in tandem with Cleo Harmony, Cleo VLTrader, and Cleo LexiCom versions 5.7. In this release, support for asynchronous AS4 receipts is added. Also, support for Harmony instances using different AS4 resource paths is added.

Update history

The following sections contain descriptions of enhancements, bug fixes, and known issues in version 3.9 and subsequent releases:

Fixed issues in version 3.9.0.2

- Added support for the following SFTP server algorithms: Key Exchange: ecdh-sha2-nistp256, ecdh-sha2-nistp384, ecdh-sha2-nistp521, and MAC: hmac-sha2-512, hmac-sha2-256-96, hmac-sha2-512-96. The new Key Exchange algorithms are not available in FIPS mode.
- All negotiated algorithms are now logged at the beginning of each SFTP server session.

Fixed issues in version 3.9.0.1

- Fixed an issue where connecting to the WebUI through a HTTP/s port with FIPS mode enabled would cause the web browser to report a cipher error and prevent the page from loading.

Enhancements and fixed issues in version 3.9

Enhancements

- An overrun of the data segment in the SSL/TLS handshake and a resulting failed inbound connection during SSL/TLS handshake could occur when both of the following are true: 1) any of the HTTP/s, FTP/s, SMTP/s or OFTP/s client authentication settings are enabled in the Cleo VersaLex Local Listener and configured to 'Accept all Certificate Manager Trusted CA certificates'; 2) the number of installed trusted CA certificates causes the byte length of the Distinguished Names of those trusted CA certificates to exceed 65535 bytes. To help diagnose this problem, a log message and email notification will now be sent when the byte count exceeds 65535 bytes. An example of that message would be: "There are 2300 trusted CA certificates with 65570 total bytes registered for VLProxy HTTP/s client authentication. This exceeds the maximum threshold of 65535 bytes and may cause inbound connections to fail during the SSL/TLS handshake. You should remove unused trusted CA certificates to get that byte count below the maximum threshold." After you remove the unused CA certificates, you must restart the Cleo VersaLex Local Listener for those changes to take effect. Once the byte count falls below the maximum threshold, another log message and email notification will be sent. An example of that message would be: "There are now 1200 trusted CA certificates registered for VLProxy HTTP/s client authentication with 43456 total bytes and is below the maximum threshold. No further action is necessary at this time."
- Made changes to support two new VLTrader/Harmony features that were added to OFTP SSL client authentication: "Optional" and "Verify Key Usage". See VLTrader/Harmony release notes for details on these new features.
 - 📄 **Note:** Cleo VLTrader or Cleo Harmony 5.7.0.0 is required.
- Made changes to support new VLTrader/Harmony "Validate String Characters For Inbound Message Fields" feature. See VLTrader/Harmony release notes for details on these new features.
 - 📄 **Note:** Cleo VLTrader or Cleo Harmony 5.7.0.0 is required.
- Added support for asynchronous AS4 receipts. Also added support for Harmony instances using different AS4 resource paths.

Bug Fixes

- Fixed an issue where Cleo VLProxy would get a NullPointerException when trying to send an email.