

EZproxy Version 5.2 Upgrade Guide

Why upgrade?

We encourage you to upgrade to EZproxy 5.2 to stay current with the latest features.

EZproxy 5.2 contains several enhancements and fixes:

- A new directive has been added for use in LDAP authentication. It allows the search filters that are used in login to also be used when reading attributes.
- EZproxy now allows vector notation in the user.txt file because the Innovative Interfaces, Inc (III) system Patron API has changed to support multiple use of the same field. Previous versions of EZproxy would only retrieve the first value of the field—but now they can be specified in the array. For example, if the system has a field named “phone,” the first instance might be home, the second might be work, and the third might be cell. Now EZproxy user.txt can access each as auth:phone[0], auth:phone[1], auth:phone[2], which gives the system more flexibility with contact information.
- The sample config.txt (generated by the -m command) has been updated to include more stanzas for OCLC resources. These additional stanzas make it easier and faster to add a new database to your configuration file.
- The signing algorithm for certificates has been updated to SHA1, which is more secure than the previous MD5.
- DisableSSLv2 directive now works as expected.
- There were a number of additional minor fixes to improve the overall stability of EZproxy.

For more details and a full list of changes, go to:

<http://www.oclc.org/support/documentation/ezproxy/changes.htm>

Software, instructions and assistance

Software downloads and detailed update instructions are available on the EZproxy **Download** page at <http://www.oclc.org/ezproxy/download/>.

Additional information is available on the EZproxy **Support** page at <http://www.oclc.org/ezproxy/support/>.

To get **assistance** for EZproxy, contact OCLC at support@oclc.org.

Note: URLs included in this guide go to EZproxy pages on the OCLC Worldwide Web site. To go to EZproxy pages on another OCLC regional site, go to www.oclc.org, select a site (if asked), search for **ezproxy**, click the KeyMatch, and then navigate to the appropriate EZproxy page.

Supported platforms

- Linux (x86 and x86_64)
- Solaris (SPARC version 8 or later and x86 version 10 or later)
- Windows

Note: The only functional differences between the Linux, Solaris and Windows versions of EZproxy are internal support in the Windows version to authenticate users against a Windows domain and the lack of Athens authentication support in the x86 version of Solaris.

Upgrade process

The following is a general overview of the steps to upgrade EZproxy. Specific instructions vary by platform. For complete instructions, refer to the update instructions for your platform available on the EZproxy **Download** page at <http://www.oclc.org/ezproxy/download/>.

- 1 Change your current directory to the directory where EZproxy is installed.
- 2 Rename your existing (old) copy of the EZproxy program file to avoid overwriting it until you finish the upgrade process.
- 3 Click the link to download the new EZproxy program file into the directory where EZproxy is installed.
- 4 Rename the new program file and make it executable.
- 5 Issue the EZproxy command (ezproxy -m) to create any new files required for the updated release. If updating from EZproxy 5.0 or earlier, you will be asked to allow renaming of ezproxy.cfg and ezproxy.usr. For more information, see **EZproxy 5.1 New Filenames** at <http://www.oclc.org/support/documentation/ezproxy/newfilenames.htm>.
- 6 Stop the old version of EZproxy.
- 7 If desired, manually rename ezproxy.msg to messages.txt.
- 8 Start the new version of EZproxy.

Tips, hints, cautions

Make a copy of your current EZproxy folder and save it somewhere so you can roll it back if an update does not work.

When editing EZproxy files, use Notepad or another text editor that does not automatically add document formatting.

Implement a backup system to guard against losing your configuration data due to hardware failure.

Additional resources

Additional resources are available on the EZproxy **Support** page at <http://www.oclc.org/ezproxy/support/>:

- Maintenance and upgrades
- User authentication
- EZproxy configuration
- Database setup
- Related OCLC services
- Troubleshooting and known issues
- Frequently asked questions

EZproxy and OCLC

EZproxy was acquired by OCLC from Useful Utilities in January 2008. OCLC continues to develop and support EZproxy by working with commercial vendors to create new connectors to authentication systems and online content resources to libraries.