

# syslog-ng Open Source Edition 3.19

## Release Notes

### December 2018

These release notes provide information about the syslog-ng Open Source Edition release.

## Supported platforms

The syslog-ng Open Source Edition application is highly portable and is known to run on a wide range of hardware architectures (x86, x86\_64, SUN Sparc, PowerPC 32 and 64, Alpha) and operating systems, including Linux, BSD, Solaris, IBM AIX, HP-UX, Mac OS X, Cygwin, Tru64, and others.

- The source code of syslog-ng Open Source Edition is released under the GPLv2 license and is [available on GitHub](#).
- See the [Downloads page](#) for binary packages.

## What is new in syslog-ng Open Source Edition 3.19?

Version 3.19 of syslog-ng Open Source Edition includes the following main features.

### Load balancing and other http() improvements

The http() destination can now send log messages to the destination URLs in a load-balance fashion. This means that syslog-ng OSE sends each message to only one URL. For example, you can use this to send the messages to a set of ingestion nodes or indexers of your SIEM solution if a single node cannot handle the load. For details, see "[Batch mode and load balancing](#)" in the [Administration Guide](#).

The syslog-ng OSE `http()` destination now automatically follows URL redirects (maximum 3), and can use the certificate store of the system (you can enable it using the `use-system-cert-store()` option).

Note that the `flush-bytes()`, `flush-lines()`, and `flush-timeout()` options have been renamed to `batch-bytes()`, `batch-lines()`, and `batch-timeout()`, respectively.

## Slack destination

You can now directly send messages and alerts into Slack channels. For details, see "[slack: Sending alerts and notifications to a Slack channel](#)" in the [Administration Guide](#).

## Enhancements

- The `cisco-parser()` now properly handles Cisco Catalyst formatted triplets.
- The `system()` source now automatically handles RFC5424-formatted log messages, thus supporting FreeBSD 12.0.
- When using TLS-encrypted communication, you can now compress the on-the-wire traffic using the `allow-compress()` option. Note that this option must be enabled both on the server and the client to have any effect. Enabling compression can significantly reduce the bandwidth required to transport the messages, but can slightly decrease the performance of syslog-ng OSE, reducing the number of transferred messages during a given period.
- The `network()` and `syslog()` source drivers can bind to an interface instead of an IP address using the `interface()` option.
- The `network()` and `syslog()` source drivers can reuse ports using the `so-reuseport()` option.

## Resolved issues

For a detailed list of issues resolved in this release, see [syslog-ng Releases page](#).

## Known issues

For a detailed list of issues resolved in this release, see the [syslog-ng Issues page](#).

## Product licensing

Starting with version 3.2, the syslog-ng Open Source Edition application is licensed under a combined LGPL+GPL license. The core of syslog-ng OSE is licensed under the GNU Lesser

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**NOTE:**

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## Upgrade and installation instructions

To install or upgrade syslog-ng Open Source Edition, follow the instructions in the syslog-ng Open Source Edition Administration Guide.

## More resources

Additional information is available from the following:

- [Online product documentation](#)

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