

# syslog-ng Open Source Edition 3.36

## Release Notes

**04 March 2022, 16:06**

These release notes provide information about the syslog-ng Open Source Edition release. For the most recent documents and product information, see [syslog-ng Open Source Edition - Technical Documentation](#).

## About this release

The syslog-ng Open Source Edition (syslog-ng OSE) application is a flexible and highly scalable system logging application that is ideal for creating centralized and trusted logging solutions.

## Supported platforms

The syslog-ng Open Source Edition (syslog-ng OSE) 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, 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.

# New features in syslog-ng Open Source Edition version 3.36

This section lists the most recent changes of syslog-ng Open Source Edition (syslog-ng OSE).

- **New source: mqtt()**

You can use the `mqtt()` source to fetch messages from MQTT brokers.

- **New destination: discord()**

The `discord()` destination driver sends messages to [Discord](#) using [Discord Webhook](#).

- **New parser: fortigate-parser()**

The Fortigate parser can parse the log messages of FortiGate/FortiOS (Fortigate Next-Generation Firewall (NGFW)). These messages do not completely comply with the syslog RFCs, making them difficult to parse. The `fortigate-parser()` of syslog-ng OSE solves this problem, and can separate these log messages to name-value pairs. For details on using value-pairs in syslog-ng OSE see [Structuring macros, metadata, and other value-pairs](#). The parser can parse messages in the following format:

- **New parser: regexp-parser()**

The syslog-ng OSE application can parse fields from a message with the help of regular expressions. This can be also achieved with the `match()` filter, by setting the `store-matches` flag, but the `regexp-parser()` offers more flexibility, like multiple patterns and setting the prefix of the created name-value pairs.

- **New filter: rate-limit()**

Limits messages rate based on arbitrary keys in each message.

- **New options for the kafka() destination C implementation**

Options `batch-lines()` and `batch-timeout()` have been added.

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- **New option value: transport("text-with-nuls")**

`text-with-nuls`: Allows embedded **NUL** characters in the message from a TCP source, that is, syslog-ng OSE will not delimiter the incoming messages on **NUL** characters, only on **newline** characters (contrary to `tcp` transport, which splits the incoming log on **newline** characters and **NUL** characters).

- **New option for file() destination: symlink-as()**

The configured file name will be used as a symbolic link to the last created file by file destination.

- **New options for redis() destination driver**

Added `workers()` and Match mode support to the Redis destination driver.

- **New --remove-orphans option in syslog-ng-ctl stats**

New option `--remove-orphans` has been added to the `stats` command.

- **New options for the `mongodb()` destination**

Options `collection()` and `workers()` have been added.

- **`disk-buffer()` has been updated**

New option: `truncate-size-ratio()`, and other changes.

- **`time-reopen()` option on multiple drivers**

The `time-reopen()` option was only configurable on the `global options{}` level. Now every driver, which utilizes it can configure it on the driver level.

- **New flag(): `no-rfc3164-fallback`**

This flag allows to attempt parsing RFC5424 first without an automatic fallback to RFC3164.

- **New TLS option: `keylog-file()`**

This option enables saving TLS secrets (decryption keys) for a given source or destination, which can be used to decrypt data with, for example, Wireshark. The given path and name of a file will be used to save these secrets.

- **Other enhancements**

- Monitoring - Metrics: message size and EPS.
- Update the `no-parse` flag.
- Added a note to the `disk-buffer()` `dir()` path.
- Added macOS and NetBSD to the `system()` source.

## 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](#).

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## Upgrade and installation instructions

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

## More resources

Additional information is available from the following:

- [Online product documentation](#)

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## Section 6

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## Section 7

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