

# syslog-ng Premium Edition 7.0.33

## Release Notes

**22 August 2023, 16:41**

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

## About this release

Welcome to syslog-ng Premium Edition (syslog-ng PE) version 7.0.33 and thank you for choosing our product. This document describes the new features and most important changes since the latest release of syslog-ng PE. The main aim of this paper is to aid system administrators in planning the migration to the new version of syslog-ng PE. The following sections describe the news and highlights of syslog-ng PE 7.0.33.

Starting with version 7, syslog-ng Premium Edition is released as a rolling release. For details, see the [Version policy](#).

**NOTE:** Due to complexity of deployment, configuration, and design, you may require assistance from [One Identity Professional Services](#) while introducing new or additional:

- sources
- destinations
- log paths
- significant increases in log volume.

One Identity Professional Services is equipped and trained to evaluate the needs of any organization, and to provide configuration and architectural recommendations that help our users get the most out of any syslog-ng PE version.

One Identity Professional Services offer assistance in planning and scoping for current needs, as well as recommendations for the future to ensure success.

# Supported platforms

The syslog-ng Premium Edition application is officially supported on the following platforms. Note that the following table is for general reference only, and is not always accurate about the supported platforms and options available for specific platforms. Unless explicitly noted otherwise, the subsequent releases of the platform (for example, Red Hat Enterprise Linux 7 and its update releases like 7.2) are also supported.

For the x86\_64 architecture, the following platforms are supported in version 7.0.33 of syslog-ng PE:

- CentOS 7
- Debian 10 (Buster)
- Oracle Linux 7
- Red Hat EL 7
- Red Hat EL 8
- Red Hat EL 9
- SLES 12
- SLES 15
- Ubuntu 16.04 LTS (Xenial Xerus)
- Ubuntu 18.04 LTS (Bionic Beaver)
- Ubuntu 20.04 LTS (Focal Fossa)
- Ubuntu 22.04 LTS (Jammy Jellyfish)

For details about the syslog-ng Agent for Windows application, see the [syslog-ng Agent for Windows documentation](#).

For using syslog-ng PE on other platforms (for example, AIX), see the list of supported platforms in the [syslog-ng PE version 6 Administration Guide](#).

## New features

New features in syslog-ng Premium Edition (syslog-ng PE) version 7.0.33:

- **Support for bulk insertion by MongoDB**

From version 7.0.33, MongoDB destination driver supports bulk insertion.

- **Support for typed variables by Python modules**

From version 7.0.33, Python modules support typed variables.

 **CAUTION: This is a breaking change!**

For more information, see the syslog-ng Premium Edition Administration Guide or [Knowledge Base Article 4372255](#).

# Resolved issues

The following is a list of issues addressed in this release.

**Table 1: General resolved issues in syslog-ng PE 7.0.33**

Resolved Issue	Issue ID
Resolved Common Vulnerabilities and Exposures (CVE-2022-27664)	415290
Mongo-c file handler was not released in case of syslog-ng reload	413049
Fixed segmentation fault in mssql() source driver	419413

# Known issues

The following is a list of issues, including those attributed to third-party products, known to exist at the time of release.

**Table 2: General known issues**

Known Issue	Issue ID
Due to an issue in AckTracker of Python modules, Google Pub/Sub module is not working properly. The error prevents the module from sending acknowledgements of received messages.	424147
The issue is noted and scheduled to be fixed in the upcoming release.	

# Product licensing

## ***To enable a trial license***

1. Apply for a trial license at the [syslog-ng website](#).
2. Download the license and the installation package for your platform, then follow the installation instructions in the Administration Guide.

## ***To enable a purchased commercial license***

1. Download the license and the installation package for your platform, then follow the installation instructions in the Administration Guide.

# Upgrade and installation instructions

To install or upgrade syslog-ng Premium Edition (syslog-ng PE), follow the instructions in .

**NOTE:** From syslog-ng PE version 7.0.26, the old, Java-based `kafka()` destination has been deprecated. One Identity recommends that you use the new, C-based `kafka-c()` destination.

**NOTE:** The upgrade from syslog-ng PE 6LTS has been made more robust starting with syslog-ng PE version 7.0.23. If you're upgrading from a syslog-ng PE 6LTS version, first upgrade to the latest available syslog-ng PE 6LTS release, then upgrade to syslog-ng PE 7LTS.

## More resources

Additional information is available from the following:

- [Online product documentation](#)

## Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan. It supports bidirectional writing (Arabic and Hebrew). The release supports Complex Script (Central Asia – India, Thailand).

# About us

One Identity solutions eliminate the complexities and time-consuming processes often required to govern identities, manage privileged accounts and control access. Our solutions enhance business agility while addressing your IAM challenges with on-premises, cloud and hybrid environments.

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 **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

# Third-party components

This product contains third-party components (listed below).

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The following list contains information about the licenses in syslog-ng Premium Edition 7.0.33.

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Version 2.0, January 2004

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### **cyrus-sasl 2.1.26**

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\*/

/\*

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in src/lib/gssapi, including the following files:

- lib/gssapi/generic/gssapi\_err\_generic.et
- lib/gssapi/mechglue/g\_accept\_sec\_context.c
- lib/gssapi/mechglue/g\_acquire\_cred.c
- lib/gssapi/mechglue/g\_canon\_name.c
- lib/gssapi/mechglue/g\_compare\_name.c
- lib/gssapi/mechglue/g\_context\_time.c
- lib/gssapi/mechglue/g\_delete\_sec\_context.c
- lib/gssapi/mechglue/g\_dsp\_name.c
- lib/gssapi/mechglue/g\_dsp\_status.c
- lib/gssapi/mechglue/g\_dup\_name.c
- lib/gssapi/mechglue/g\_exp\_sec\_context.c

lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c

slave/kproplog.c

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### **zlib 1.2.3**

License

/\* zlib.h -- interface of the 'zlib' general purpose compression library

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