

7 Known issues

Global event correlation

Events may not get correlated correctly if the time interval between the first and second event is very small, i.e. half a second and less.

IPMI checks

IPMI checks will not work with the standard OpenIPMI library package on Debian prior to 9 (stretch) and Ubuntu prior to 16.04 (xenial). To fix that, recompile OpenIPMI library with OpenSSL enabled as discussed in [ZBX-6139](#).

SSH checks

Some Linux distributions like Debian, Ubuntu do not support encrypted private keys (with passphrase) if the libssh2 library is installed from packages. Please see [ZBX-4850](#) for more details.

ODBC checks

Zabbix server or proxy that uses MySQL as its database may or may not work correctly with MySQL ODBC library due to an [upstream bug](#). Please see [ZBX-7665](#) for more information and available workarounds.

XML data queried from Microsoft SQL Server may get truncated to 2033 characters due to a Microsoft [issue](#).

HTTPS checks

Web scenarios and HTTP agent items using the https protocol, Zabbix agent checks `net.tcp.service[https...]` and `net.tcp.service.perf[https...]` may fail if the target server is configured to disallow TLS v1.0 protocol or below. Please see [ZBX-9879](#) for more information and available workarounds.

Web monitoring and HTTP agent

Zabbix server leaks memory on CentOS 6, CentOS 7 and possibly other related Linux distributions due to an [upstream bug](#) when "SSL verify peer" is enabled in web scenarios or HTTP agent. Please see [ZBX-10486](#) for more information and available workarounds.

Simple checks

There is a bug in **fping** versions earlier than v3.10 that mishandles duplicate echo replay packets. This may cause unexpected results for `icmpping`, `icmppingloss`, `icmppingsec` items. It is recommended to use the latest version of **fping**. Please see [ZBX-11726](#) for more details.

SNMP checks

If the OpenBSD operating system is used, a use-after-free bug in the Net-SNMP library up to the 5.7.3 version can cause a crash of Zabbix server if the `SourceIP` parameter is set in the Zabbix server configuration file. As a workaround, please do not set the `SourceIP` parameter. The same problem applies also for Linux, but it does not cause Zabbix server to stop working. A local patch for the `net-snmp` package on OpenBSD was applied and will be released with OpenBSD 6.3.

Alerter process crash in Centos/RHEL 7

Instances of a Zabbix server alerter process crash have been encountered in Centos/RHEL 7. Please see [ZBX-10461](#) for details.

Compiling Zabbix agent on HP-UX

If you install the PCRE library from a popular HP-UX package site <http://hpux.connect.org.uk>, for example from file `pcre-8.42-ia64_64-11.31.depot`, you get only the 64-bit version of the library installed in the `/usr/local/lib/hpux64` directory.

In this case, for successful agent compilation customized options need to be used for the "configure" script, e.g.:

```
CFLAGS="+DD64" ./configure --enable-agent --with-libpcre-include=/usr/local/include --with-libpcre-lib=/usr/local/lib/hpux64
```

Flipping frontend locales

It has been observed that frontend locales may flip without apparent logic, i. e. some pages (or parts of pages) are displayed in one language while other pages (or parts of pages) in a different language. Typically the problem may appear when there are several users, some of whom use one locale, while others use another.

A known workaround to this is to disable multithreading in PHP and Apache.

The problem is related to how setting the locale works in [PHP](#): locale information is maintained per process, not per thread. So in a multi-thread environment, when there are several projects run by same Apache process, it is possible that the locale gets changed in another thread and that changes

how data can be processed in the Zabbix thread.

For more information, please see related problem reports:

- [ZBX-10911](#) (Problem with flipping frontend locales)
- [ZBX-16297](#) (Problem with number processing in graphs using the `bcdiv` function of BC Math functions)

Compatibility issue with PHP 7.0

It has been observed that with PHP 7.0 importing a template with web monitoring triggers may fail due to incorrectly added double quotes to the web monitoring items in the trigger expressions. The issue goes away when upgrading PHP to 7.1.

PHP 7.3 opcache configuration

If "opcache" is enabled in the PHP 7.3 configuration, Zabbix frontend may show a blank screen when loaded for the first time. This is a registered [PHP bug](#). To work around this, please set the "opcache.optimization_level" parameter to `0x7FFFBFDF` in the PHP configuration (php.ini file).

Graphs

Changes to Daylight Saving Time (DST) result in irregularities when displaying X axis labels (date duplication, date missing, etc).

Log file monitoring

`log[]` and `logrt[]` items repeatedly reread log file from the beginning if file system is 100% full and the log file is being appended (see [ZBX-10884](#) for more information).

Slow MySQL queries

Zabbix server generates slow select queries in case of non-existing values for items. This is caused by a known [issue](#) in MySQL 5.6/5.7 versions. A workaround to this is disabling the `index_condition_pushdown` optimizer in MySQL. For an extended discussion, see [ZBX-10652](#).

API

The **output** parameter does not work properly with the `history.get` method.

API login

A large number of open user sessions can be created when using custom scripts with the user.`login method` without a following user.`logout`.

IPv6 address issue in SNMPv3 traps

Due to a net-snmp bug, IPv6 address may not be correctly displayed when using SNMPv3 in SNMP traps. For more details and a possible workaround, see [ZBX-14541](#).

Trimmed long IPv6 IP address in failed login information

Failed login attempt message will display only the first 39 characters of a stored IP address as that's the character limit in the database field. That means that IPv6 IP addresses longer than 39 characters will be shown incompletely.

IE11 issue with map resizing in dashboard widgets

Maps, in Internet Explorer 11, are cut off on the right side if the map content is larger than the dashboard widget area (instead of being resized proportionately). This is intentional because of an IE11-related issue with proper resizing of SVG images.

Known issues in 4.4.0 - 4.4.3

- High memory usage has been observed during process startup with SQLite 3.7.17 on Centos/RHEL 7. The startup process has been improved in 4.4.4 to avoid similar issues with other databases as well. See [ZBX-9084](#) for more details.

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