

## 16 Upgrade notes for 2.4.8

### Item changes

Correct resolution of low-level discovery [macros](#) has been improved in calculated item [formulas](#). Function parameters now will be quoted if, after resolving low-level discovery macros, they contain ,, ) characters or start with " , <space> characters.

### Dashboard host status widget

Previously, when using the dashboard filter *Unacknowledged only* option, acknowledged problem triggers were displayed neither in *With problems* nor *Without problems* columns of the host status widget, resulting in a wrong host count in total. Now the acknowledged problem triggers are displayed in the *Without problems* column.

### Daemon changes

The detection of a single item failing with network/timeout error introduced in Zabbix 2.4.7 was removed because of inability to distinguish possible network errors.

From:

<https://www.zabbix.com/documentation/2.4/> - **Zabbix Documentation 2.4**

Permanent link:

[https://www.zabbix.com/documentation/2.4/manual/installation/upgrade\\_notes\\_248](https://www.zabbix.com/documentation/2.4/manual/installation/upgrade_notes_248)

Last update: **2018/12/05 11:48**

