

# 8 Queue

## Overview

In the *Administration* → *Queue* section items that are waiting to be updated are displayed.

Ideally, when you open this section it should all be “green” meaning no items in the queue. If all items are updated without delay, there are none waiting. However, due to lacking server performance, connection problems or problems with agents, some items may get delayed and the information is displayed in this section. For more details, see the [Queue](#) section.

Queue is available only if Zabbix server is running.

From the dropdown in the upper right corner you can select:

- queue overview by item type
- queue overview by proxy
- list of delayed items

### Overview by item type

In this screen it is easy to locate if the problem is related to one or several item types.

QUEUE OF ITEMS TO BE UPDATED						
Items	5 seconds	10 seconds	30 seconds	1 minute	5 minutes	More than 10 m
Zabbix agent	0	0	0	24	1	0
Zabbix agent (active)	0	0	0	0	0	0
Simple check	0	0	0	0	0	0
SNMPv1 agent	0	0	0	0	0	0
SNMPv2 agent	0	0	0	0	0	0
SNMPv3 agent	0	0	0	0	0	0
Zabbix internal	0	0	0	0	0	0
Zabbix aggregate	0	0	0	0	0	0
External check	0	0	0	0	0	0
Database monitor	0	0	0	0	0	0
IPMI agent	0	0	0	0	0	0
SSH agent	0	0	0	0	0	0
TELNET agent	0	0	0	0	0	0
JMX agent	0	0	0	0	0	0
Calculated	0	0	0	0	0	0

Each line contains an item type. Each column shows the number of waiting items - waiting for 5-10 seconds/10-30 seconds/30-60 seconds/1-5 minutes/5-10 minutes or over 10 minutes respectively.

### Overview by proxy

In this screen it is easy to locate if the problem is related to one of the proxies or the server.

QUEUE OF ITEMS TO BE UPDATED <span style="float: right;">Overview by proxy ▾</span>						
Proxy	5 seconds	10 seconds	30 seconds	1 minute	5 minutes	More than 10 minutes
W1 proxy	0	0	0	0	0	0
Server	0	0	0	26	0	0
<b>Total: 2</b>						

Each line contains a proxy, with the server last in the list. Each column shows the number of waiting items - waiting for 5-10 seconds/10-30 seconds/30-60 seconds/1-5 minutes/5-10 minutes or over 10 minutes respectively.

### List of waiting items

In this screen, each waiting item is listed.

QUEUE OF ITEMS TO BE UPDATED <span style="float: right;">Details ▾</span>			
Scheduled check	Delayed by	Host	Name
2015-01-23 14:08:31	1m 52s	Remote proxy: New host	Used disk space on /
2015-01-23 14:08:32	1m 51s	Remote proxy: New host	Processor load
2015-01-23 14:08:42	1m 41s	Remote proxy: New host	Processor load (5 min average per core)
2015-01-23 14:08:53	1m 30s	Remote proxy: New host	Agent ping
2015-01-23 14:08:57	1m 26s	Remote proxy: New host	Number of running processes
2015-01-23 14:08:58	1m 25s	Remote proxy: New host	Number of processes
2015-01-23 14:09:00	1m 23s	Remote proxy: New host	Interrupts per second
2015-01-23 14:09:01	1m 22s	Remote proxy: New host	Processor load (15 min average per core)
2015-01-23 14:09:02	1m 21s	Remote proxy: New host	Processor load (1 min average per core)
2015-01-23 14:09:03	1m 20s	Remote proxy: New host	Context switches per second
2015-01-23 14:09:04	1m 19s	Remote proxy: New host	CPU idle time
2015-01-23 14:09:05	1m 18s	Remote proxy: New host	CPU interrupt time
2015-01-23 14:09:06	1m 17s	Remote proxy: New host	CPU iowait time
2015-01-23 14:09:07	1m 16s	Remote proxy: New host	CPU nice time

In the host column, hosts monitored by proxy are prefixed with the proxy name (since Zabbix 2.4.0).

Displayed data:

Column	Description
<i>Next check</i>	The time when the check was due is displayed.
<i>Delayed by</i>	The length of the delay is displayed.
<i>Host</i>	Host of the item is displayed.
<i>Name</i>	Name of the waiting item is displayed.

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