

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.

ITEMS	5 SECONDS	10 SECONDS	30 SECONDS	1 MINUTE	5 MINUTES	MORE THAN 10 MINUTES
Zabbix agent	0	0	0	0	0	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	4	14	1	0	0	0
Zabbix aggregate	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.

PROXY	5 SECONDS	10 SECONDS	30 SECONDS	1 MINUTE	5 MINUTES	MORE THAN 10 MINUTES
Remote proxy	0	13	15	0	0	0
Server	0	0	0	0	0	0
Total: 2						

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.



SCHEDULED CHECK	DELAYED BY	HOST	NAME
2016-01-04 17:28:39	36s	Zabbix server 1	Zabbix busy discoverer processes, in %
2016-01-04 17:28:40	35s	Zabbix server 1	Zabbix busy escalator processes, in %
2016-01-04 17:28:41	34s	Zabbix server 1	Zabbix busy history syncer processes, in %
2016-01-04 17:28:42	33s	Zabbix server 1	Zabbix busy housekeeper processes, in %
2016-01-04 17:28:43	32s	Zabbix server 1	Zabbix busy http poller processes, in %
2016-01-04 17:28:44	31s	Zabbix server 1	Zabbix busy icmp pinger processes, in %

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.

Possible error messages

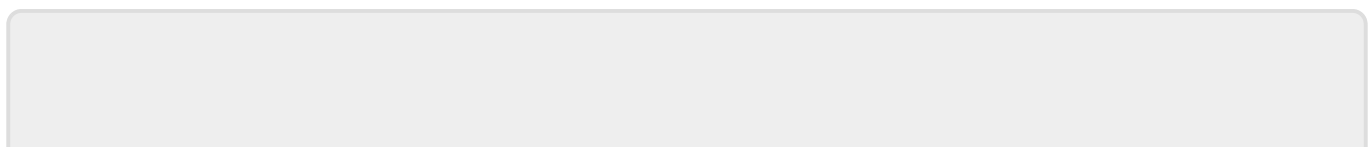
You may encounter a situation when no data is displayed and the following error message appears:



Error message in this case is the following:



This happens when PHP configuration parameters \$ZBX_SERVER_PORT or \$ZBX_SERVER in zabbix.conf.php point to existing Zabbix server which uses different database.



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<https://www.zabbix.com/documentation/3.4/> - **Zabbix Documentation 3.4**

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https://www.zabbix.com/documentation/3.4/manual/web_interface/frontend_sections/administration/queue

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