

Summary

Zabbix 4.4 has changed normal behaviour of {ITEM.LASTVALUE} in problem names. It was extremely useful functionality, many users want it back.

Zabbix acceptance

Since we are relatively close to release of Zabbix 4.4, this functionality will not be back-ported to Zabbix 4.2.x.

Triggers will support a new string attribute 'Operational data', which will be used to provide additional information when displaying problems:

1. A new trigger attribute 'Operational data' will be supported, empty by default
2. It will support all macros currently supported by trigger name and also {ITEM.LASTVALUE<N>}
3. Existing option "Show latest values" will be renamed to "Show operational data" in both Monitoring→Problems and dashboard widget "Problems" filters:
 - a. If enabled, then a new column "Operational data" (former "Latest values") will be displayed to show:
 - i. If operational data is empty: latest values with popups for each value as it is implemented now
 - ii. If operational data is non-empty: operational data with extended macros and popups for each {ITEM.VALUE<N>} and {ITEM.LASTVALUE<N>}
 - iii. Operational data must be included into CSV export
4. A new macro {EVENT.OPDATA} will be supported in all contexts currently supported by {EVENT.NAME}
5. API enhancements:
 - a. problem.get will support retrieval of the operational data with both unresolved and expanded macros
 - b. trigger.create, trigger.get and trigger.update will support creation, retrieval and modification of the operational data field
6. XML import/export will be enhanced to support new attribute trigger.opdata
7. Database changes
 - a. Existing field triggers.details will be renamed to triggers.opdata

Use cases

1. I want to see current value of a metric in the list of problems in order to estimate impact or trend

Decisions made

1. No visible name. It will require copy&paste of trigger name + use of macro {ITEM.LASTVALUE}, also will be confusing in search results
2. Named as "Operational data" in order to give users a hint that this should be used to display some real-time information about given problem. We have trigger description for anything else.

Open questions

1. N/A

Changes log

- 1.1
 - Operational data is included into CSV export
 - problem.get to support retrieval of operational data with both unresolved and expanded macros