Technical guide

Zabbix report plugin

Scheduled tasks

5 regular tasks issue measurements to Zabbix. They are triggered on distinct schedules adapted to the indicator variablility. Zabbix will let observe those values on a large variaiton of time scales.

Each measurement sensors will be associated with one of those tasks, and thus will be scheduled accordingly to that task.

report_zabbix\task\instant_task

Runs at each cron launch. It issues the few measures one wishes to have an immediate observation on. It is recommended to keep the number of real time indicators as low as possible so as not to induce a permanent load to the server. Similarly, care will be taken to avoid launching measurements whose requests in the database would explore too much data or lead to too long a calculation time. In a simple moodle, the launch frequency is every minute.

report_zabbix\task\hourly_task

This task is started once an hour. It is a good choice for monitoring day to day activity.

report_zabbix\task\daily_task

This task is started once a day. It is a good choice for monitoring weekly or monthly variations with sufficiant accuracy.

report_zabbix\task\weekly_task

This task is started once a week. It addresses observation of changes on long periods such as months or yearly variations.

report_zabbix\task\monthly_task

This task is started once a month. It usually used for values we want a yearly month by month reporting.