User guide

Zabbix Report

Overall Presentation

The Zabbix report is report plugin performing measurements and data emission to a Zabbix Server and has no direct interface in Moodle. Only global configuration is necessary to ensure operation. The measurement results are exploited in the Zabbix interface, through graphs, recollection screens, or customized dashboards.

Path : `Site admin ⇒ plugins ⇒ reports ⇒ zabbix sender`

Plugin overview

Report configuration

Zabbix server protocol `zabbixprotocol`: The server's protocol used for administration operations using the zabbix API. the Zabbix server should be directly accessible without redirects. Default : HTTPS

Zabbix server IP `zabbixserver`: direct IP of the server or zabbix proxy. A known DNS name is acceptable - Default: Empty

Moodle host name in zabbix `zabbixhostname`: The host name used to defined the host entry in the Zabbix server configuration. Herein name must match exactly what was used in host definition.

Order zabbix_sender `zabbixsendercmd`: The location of the “sender” command to send data to Zabbix. Defaults to: /usr/bin/zabbix_sender

User roles `userrolepolicy`: Method for determination of user roles. Some methods require special configurations.

Default: Resolution based on standard role assignments of moodle. **Other choice:** Resolution based on profile fields (case of Moodle in ENTs)

Username Zabbix `zabbixadminusername`: The administrator's username who can operate the Zabbix API. This user must have been created in the Zabbix administration. This user does NOT need to access the Zabbix frontend. However, he do needs to read and write in the MOODLE models of the zabbix host associated with Moodle. Default: admin

Zabbix password `zabbixadminpassword`: The administrator's password allowed to operate the Zabbix API.

Zabbix groups ''zabbixgroups''

Groups (comma list) to which the host representing this Moodle is attached. The zabbix hosts associated with a moodle can be grouped into zabbix groups to perform measurement consolidations on a moodle group.

Definition of the local interface (interfacedef): The method to inform Zabbix of the network interface to use to communicate with this server. Default : By DNS

In operation (tellithasstarted): By activating this box, you inform Zabbix that this platform is in operation. This allows “zone” statistics in the case of constellations of Moodles which only take into account platforms actually in operation. You can alternatively offer a heuristic by SQL query to determine this state. Explicit activation (this parameter) prevails. Defect : Waiting for operation

SQL heuristic for exploitation (tellithasstartedsql): An SQL query delivering a result named “started” determines the start-up state of the operation. Defect : Empty

Registration in zabbix: By using this form, and to the extent that your user administrator zabbix is created and has sufficient rights, you can ask the Zabbix server to save the local host definition that matches this Moodle.

PRO version

By entering activation keys obtained from your TMA provider, you will activate the additional functions of this plugin.

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