



User guide : dynamic discovery

Zabbix Report

Dynamic discovery is a great feature of Zabbix that allows getting some metadata on element to discover in the monitored architecture, then apply some measurement prototypes to each of the discovered items. A usual example of this feature is when discovering automatically storage disks on a server to monitor their size.

The Zabbix Report plugin has special URLs to let Zabbix make discovery of:

- Course categories
- Courses
- Authentication methods

At start, but the model is fully extensible to anything else that would need to be dynamically inspected.

Note that Discovery is part of the Pro version of the plugin and needs a valid License Key to be available.

Setting up the dynamic discovery

Dynamic discovery can be tuned in the Zabbix Report global settings, in order to focus to exploitable items and reduce the scanning range.

Specific pro settings

Discovery

Token for zabbix discovery queries <small>report_zabbix discoverytoken</small>	<input style="width: 100%;" type="text"/> Default: Empty Setup a token and give the value for the discovery rules for that host
Allow categories discovering <small>report_zabbix discovercategories</small>	<input type="checkbox"/> Default: No If checked, categories will be discovered using following settings
Allow discovery using <small>report_zabbix allowdiscoveryusing</small>	<input style="width: 100%;" type="text" value="Category id"/> Default: Category id Select the identifier field to use when discriminating top categories for discovery.
Allow discovery in <small>report_zabbix allowdiscoveryin</small>	<input style="width: 100%;" type="text"/> Default: Empty A comma separated list of category identifiers where to operate category buckets discovery. All top level categories are captures if empty.
Categories to exclude <small>report_zabbix excludecategories</small>	<input style="width: 100%;" type="text"/> Default: Empty A coma separated list of category ids or idnummers (depending on "using" choice) to exclude from discovery.
Discover hidden categories <small>report_zabbix discoverhiddencategories</small>	<input type="checkbox"/> Default: No If enabled, hidden categories also will be captured and graphed.

Token for zabbix discovery queries: First of all we need to secure the discovery process. Enter

here a randomly generated token you will also report in Zabbix recovery parameters. This will ensure your moodle NOT TO BE scanned by other agents. A MD5 token is usually enough to secure the communication.

Allow categories discovering: Check this checkbox to enable course category discovery.

Allow discovery using: You can choose to discover by ID or by IDNumber. Sometime, IDNumbers can make things easier when we need to identify a category. This parameter will have impact on both following settings:

Allow discovery in: A list od Ids (or IDNumbers) or parent root categories to discover. If empty, the top level categories will be discovered. Note that discovery IS NOT RECURSIVE, only direct children of the given ids will be retrieved.

Categories to exclude: a list of category ids (or IDNumbers) to exlude from the above result.

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