

Monitorování Linux/Unix systému Zabbix

zabbix

The screenshot shows the Zabbix web interface running in a Firefox browser window titled "Ubuntu-gui-1 [Running] - Oracle VM VirtualBox". The browser address bar shows the URL "10.0.2.15/zabbix.php?action=dashboard.view". The interface features a dark blue sidebar with navigation options: Dashboards, Monitoring, Services, Inventory, Reports, Data collection, Alerts, Users, Administration, Support, Integrations, Help, User settings, and Sign out.

The main content area is titled "Global view" and contains several widgets:

- Top hosts by CPU utilization:** A table showing utilization for the "Zabbix server" host. The table has columns for Utilization, 1m avg, 5m avg, 15m avg, and Proc. The utilization is 2.23%, and the 1m average is 0.06.
- System information:** A table with columns for Parameter, Value, and Details. It lists: Number of users (online) as 2; Required server performance as 2.32; Database history tables upgraded as No, with a warning: "Support for the old numeric type is deprecated. Please upgrade to numeric values of extended range."; and High availability cluster as Disabled.
- Host availability:** A bar chart showing 2 Available, 0 Not available, and 0 Unknown hosts, with a total of 2.
- Problems by severity:** A bar chart showing 0 Disaster, 0 High, 0 Average, 0 Warning, 0 Information, and 0 Not classified problems.
- Current problems:** A table with columns for Time, Info, Host, Problem • Severity, Duration, Update, Actions, and Tags. It currently shows "No data found."
- Geomap:** A map showing the geographical location of the monitored hosts.

A prominent green arrow points to a value of "2.96" with the text "Zabbix server Values per sec..." below it, indicating a performance metric.

agent

- v1 v2
- nastavení Server, ServerActive, Hostname

host

- síťová entita (server, virtuální server, switch)
- Configuration → Hosts and Monitoring → Hosts
- Hostname stejné jako u agenta (aktivní monitoring)

item

- definuje sběr dat (metrika)
 - přiřazen hostu
 - Configuration → Hosts Items → Create item
-
- Zabbix agent checks
 - SNMP agent checks
 - SNMP traps
 - IPMI checks
 - Simple checks
 - VMware monitoring
 - Log file monitoring
 - Calculated items
 - Aggregate calculations
- Zabbix internal checks
 - SSH checks
 - Telnet checks
 - External checks
 - Trapper items
 - JMX monitoring
 - ODBC checks
 - Dependent items
 - HTTP checks
 - Prometheus checks
 - Script items

trigger

- nastavení spouštěče nad sbíranými daty
- Configuration → Hosts Triggers → Create trigger
- hysterese
- závislosti
- predikce

event

- trigger events - whenever a trigger changes its status (OK→PROBLEM→OK)
- service events - whenever a service changes its status (OK→PROBLEM→OK)
- discovery events - when hosts or services are detected
- autoregistration events - when active agents are auto-registered by server
- internal events - when an item/low-level discovery rule becomes unsupported or a trigger goes into an unknown state
- automatické x ruční uzavření
- korelace
 - trigger based
 - global

operace

- zaslání zprávy
- skript
- recovery akce
- updated akce
- eskalace

notification

Zasílání upozornění

- Email
- SMS
- Custom alertscripts
- Webhook
 - Discord
 - Jira
 - Zendesk
 - Telegram

template

- seskupení položek pro opakované použití

web monitoring

- scénáře

services

- sdružení triggerů
- SLA

VMware monitoring
