

Zabbix template to monitor ESVA via SNMP

A ZABBIX TEMPLATE

We use Zabbix to monitor our ESVA instances. The monitoring happens only via SNMP, no agent is installed on ESVA appliances.

Below you find the link to download a Zabbix template to monitor your ESVA instances.

Here is a description of what this template provides.

Items available in the template

1. ESVA version number
2. Uptime
3. Hostname
4. Incoming queue size
5. Outgoing queue size
6. Incoming queue delta (calculated)
7. Outgoing queue delta (calculated)
8. RAM total
9. RAM free
10. RAM cached
11. RAM buffered
12. RAM used (calculated)
13. SWAP total available space
14. SWAP free space
15. SWAP used space (calculated)
16. SWAP used percentage (calculated)
17. Quarantine total space (/var)

18. Quarantine used space
19. Quarantine used percentage (calculated)
20. Quarantine free space (calculated)
21. Load average 15m
22. SMTP service status
23. HTTPS service status
24. SSH service status

Triggers available in the template

Level: Warning

1. SMTP down (unavailable for 3 consecutive minutes)
2. SSH service up (SSH service is on, this should happen only during maintenance)
3. HTTP service down (unavailable for 3 consecutive minutes)

Level: Average

1. Incoming queue growing (has constantly been growing for 3 consecutive hours)
2. Outgoing queue growing (has constantly been growing for 3 consecutive hours)
3. Quarantine filesystem > 79%
4. Swap filesystem > 50%

Level: High (you should set-up a notification here)

1. Incoming queue too high (queue size has been over 4 times the last week's average for 30 consecutive minutes)
2. Outgoing queue too high (queue size has been over 6 times the last week's average for 30 consecutive minutes)
3. HTTP service down (unavailable for 10 consecutive minutes)
4. SNMP down (no data for 15 consecutive minutes)
5. SWAP filesystem high (over 78% for 10 consecutive minutes)
6. SSH service on (has been on for 3 consecutive minutes)
7. Quarantine disk high (over 94%)

Level: Disaster (of course you should get a notification here)

1. SMTP down (has been unavailable for 10 consecutive minutes)

Graphs available in the template

1. System load history
2. Queues size history
3. RAM history
4. SMTP and SSH history
5. Swap history
6. Swap current status
7. Quarantine (var) history
8. Quarantine (var) current status

Screens available in the template

1. Summary history: load, queues, swap, RAM

Get the template

[Download the template here](#)