ДЗ-05: Zabbix

#### Установка alertmanager

https://www.zabbix.com/download?zabbix=6.4&os\_distribution=debian&os\_version=12&components=server\_frontend\_agent&db=mysql&ws=apache

tar xvf alertmanager\*.tar.gz

cd alertmanager\*/

mv alertmanager amtool /usr/local/bin/

mkdir /etc/alertmanager

mkdir /var/lib/prometheus/alertmanager

mv alertmanager.yml /etc/alertmanager/alertmanager.yml

cd ..

rm -rf alertmanager\*/

useradd --no-create-home --shell /bin/false alertmanager;

chown -R alertmanager:alertmanager /etc/alertmanager /var/lib/prometheus/alertmanager

chown alertmanager:alertmanager /usr/local/bin/{alertmanager,amtool}

**Настройка сервиса**

/etc/systemd/system/alertmanager.service

[Unit]

Description=Alertmanager Service

After=network.target

[Service]

EnvironmentFile=-/etc/default/alertmanager

User=alertmanager

Group=alertmanager

Type=simple

ExecStart=/usr/local/bin/alertmanager \

--config.file=/etc/alertmanager/alertmanager.yml \

--storage.path=/var/lib/prometheus/alertmanager \

--cluster.advertise-address="127.0.0.1:9093"\

$ALERTMANAGER\_OPTS

ExecReload=/bin/kill -HUP $MAINPID

Restart=on-failure

[Install]

WantedBy=multi-user.target

systemctl daemon-reload;

systemctl enable alertmanager;

systemctl start alertmanager;

systemctl status alertmanager;

**Настройка Prometheus**

/etc/prometheus/prometheus.yml

alerting:

alertmanagers:

- static\_configs:

- targets:

- localhost:9093

rule\_files:

- "rules.yml"

/etc/prometheus/rules.yml

groups:

- name: joomla

rules:

- alert: JoomlaInstanceDown

expr: probe\_success == 0

for: 15s

annotations:

title: 'Joomla instance {{ $labels.instance }} down'

description: 'Joomla {{ $labels.instance }} of job {{ $labels.job }} has been down for more than 1 minute.'

labels:

severity: 'critical'

- name: env

rules:

- alert: LowMemory

expr: (100 - ((avg\_over\_time(node\_memory\_MemAvailable\_bytes[5m]) \* 100) / avg\_over\_time(node\_memory\_MemTotal\_bytes[5m]))) > 60

for: 15s

annotations:

title: 'Low memory {{ $labels.instance }}'

labels:

severity: 'warning'

**Настройка Alertmanager**

/etc/alertmanager/alertmanager.yml

route:

group\_by: ['alertname']

group\_wait: 10s

group\_interval: 10s

repeat\_interval: 30s

receiver: 'default'

routes:

- match:

severity: critical

receiver: 'telegram'

- match:

severity: warning

receiver: 'web.hook'

receivers:

- name: 'default'

webhook\_configs:

- url: 'http://localhost:1010'

- name: 'web.hook'

webhook\_configs:

- url: 'https://api.telegram.org/bot\*\*\*/sendMessage?chat\_id=-\*\*\*&amp;text=LowMemory'

- name: 'telegram'

telegram\_configs:

- bot\_token: "\*\*\*"

api\_url: "https://api.telegram.org"

chat\_id: -1002062818733

parse\_mode: ""

send\_resolved: true

message: "🚨 Alertmanager 🚨\nPANIC\n🔺 Alertname: {{ .GroupLabels.alertname}}\n🔺 Severity: {{ .CommonLabels.severity }}\n📌 {{ range .Alerts }}{{ .Annotations.summary }}\n{{ end }}

