

# ДЗ-04: Alertmanager

## Установка alertmanager

```
wget https://github.com/prometheus/alertmanager/releases/download/v0.26.0/alertmanager-0.26.0.linux-amd64.tar.gz
```

```
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=-***&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 }}"

```

