

一、添加模板文件

- 编辑文件添加模板信息 【/root/kube-prometheus/manifests/alertmanager-secret.yaml:】
- 然后添加模板挂载参数templates, 对齐 global、inhibit_rules
- 在想要替换的模板中, 加上参数

```
[root@k8s-master01 manifests]# cat /root/kube-prometheus/manifests/alertmanager-secret.yaml
apiVersion: v1
kind: Secret
metadata:
  name: alertmanager-main
  namespace: monitoring
stringData:
  email.tpl: |-
    {{ define "email.html" }}
    {{- if gt (len .Alerts.Firing) 0 -}}
    {{- range $index, $alert := .Alerts -}}
    {{- if eq $index 0 -}}
    <h2>*****告警通知*****</h2>
    告警类型: {{ $alert.Labels.alertname }} <br>
    告警级别: {{ $alert.Labels.severity }} <br>
    {{- end }}
    ===== <br>
    告警主题: {{ $alert.Annotations.summary }} <br>
    告警详情: {{ $alert.Annotations.description }} <br>
    故障时间: {{ ($alert.StartsAt.Add 28800e9).Format "2006-01-02 15:04:05" }}
    <br>
    {{ if gt (len $alert.Labels.instance) 0 -}}故障实例: {{
    $alert.Labels.instance }}{{- end -}}
    {{- end }}
    {{- end }}
    {{- if gt (len .Alerts.Resolved) 0 -}}
    {{- range $index, $alert := .Alerts -}}
    {{- if eq $index 0 -}}
    <h2>*****恢复通知*****</h2>
    告警类型: {{ $alert.Labels.alertname }} <br>
    告警级别: {{ $alert.Labels.severity }} <br>
    {{- end }}
    ===== <br>
    告警主题: {{ $alert.Annotations.summary }} <br>
    告警详情: {{ $alert.Annotations.description }} <br>
    故障时间: {{ ($alert.StartsAt.Add 28800e9).Format "2006-01-02 15:04:05" }}
    <br>
    恢复时间: {{ ($alert.EndsAt.Add 28800e9).Format "2006-01-02 15:04:05" }} <br>
    {{ if gt (len $alert.Labels.instance) 0 -}}故障实例: {{
    $alert.Labels.instance }}{{- end -}}
    {{- end }}
    {{- end }}
    {{- end }}
  wechat.tpl: |-
    {{ define "wechat.default.message" }}
    {{- if gt (len .Alerts.Firing) 0 -}}
    {{- range $index, $alert := .Alerts -}}
```

```

===== 异常告警 =====
告警名称: {{ $alert.Labels.alertname }}
告警级别: {{ $alert.Labels.severity }}
告警机器: {{ $alert.Labels.instance }} {{ $alert.Labels.device }}
告警详情: {{ $alert.Annotations.summary }}
告警时间: {{ $alert.StartsAt.Format "2006-01-02 15:04:05" }}
===== END =====
{{- end }}
{{- end }}
{{- if gt (len .Alerts.Resolved) 0 -}}
{{- range $index, $alert := .Alerts -}}
===== 告警恢复 =====
告警名称: {{ $alert.Labels.alertname }}
告警级别: {{ $alert.Labels.severity }}
告警机器: {{ $alert.Labels.instance }}
告警详情: {{ $alert.Annotations.summary }}
告警时间: {{ $alert.StartsAt.Format "2006-01-02 15:04:05" }}
恢复时间: {{ $alert.EndsAt.Format "2006-01-02 15:04:05" }}
===== END =====
{{- end }}
{{- end }}
{{- end }}
alertmanager.yml: |-
"global":
  "resolve_timeout": "1m"
  # 添加邮件告警信息
  smtp_from: "tzh971204@163.com"
  smtp_smarthost: "smtp.163.com:465"
  smtp_hello: "163.com"
  smtp_auth_username: "tzh971204@163.com"
  smtp_auth_password: "AMHOWTBONHLXWJRZ"
  smtp_require_tls: false      # tls关闭
  # 添加企业微信告警信息
  wechat_api_url: "https://qyapi.weixin.qq.com/cgi-bin/"
  wechat_api_secret: "Eh1Ng2sDjCwAazKfs8_ozJ8Zj6uAcUezR6aVNMz18E0"
  wechat_api_corp_id: "wwf0e1c242baef1eaf"
# 指定模板的路径
templates:
- "/etc/alertmanager/config/*.tmpl"
"inhibit_rules":
- "equal":
  - "namespace"
  - "alertname"
  "source_match":
    "severity": "critical"
  "target_match_re":
    "severity": "warning|info"
- "equal":
  - "namespace"
  - "alertname"
  "source_match":
    "severity": "warning"
  "target_match_re":
    "severity": "info"
"receivers":
- name: "wechat"
  wechat_configs:
  - send_resolved: true      # 告警解决后是否发生个告警解决邮件

```

```

    agent_id: '1000002' # AgentId
    to_tag: '2' # 部门ID
    to_user: "@all"
    message: '{{ template "wechat.default.message" . }}'
  - "name": "Default"
# 新增收件人信息
  "email_configs": # 类型是邮件告警
  - to: "tzh971204@163.com" # 收件邮件
    send_resolved: true # 告警解决后是否发生个告警解决邮件
    html: '{{ template "email.html" . }}' # 模板
  - "name": "Watchdog"
  - "name": "Critical"
    "email_configs": # 类型是邮件告警
  - to: "tzh971204@163.com" # 收件邮件
    send_resolved: true # 告警解决后是否发生个告警解决邮件
    html: '{{ template "email.html" . }}' # 模板
"route":
  "group_by":
  - "namespace"
# 新增2个告警分组规则
  - job
  - alertname
  "group_interval": "5m" # 距离第一次发送告警，等待多久再次发送告警
  "group_wait": "30s" # 距离第一次发送告警，等待多久再次发送告警
  "receiver": "Default" # 告警接收人
  "repeat_interval": "30s" # 告警重发时间
  "routes":
  - "match":
    "alertname": "Watchdog"
    "receiver": "wechat"
  - "match":
    "severity": "critical"
    "receiver": "Default"
type: Opaque

```

- 查看模板是否成功挂载

```

[root@k8s-master01 ~]# kubectl exec -n monitoring alertmanager-main-0 -c
alertmanager -- ls /etc/alertmanager/config
alertmanager.yaml
wechat.tpl

```

- 告警结果查看

<< 返回 设置 设置全部 转发 删除 举报 拒收 标记为 移动到 更多

时间: 2022年09月25日 11:11 (星期日)

您的邮箱安全等级提升! 仅需1分钟, 安全性提升30%。一键升级>>

*****告警通知*****

告警类型: CPUThrottlingHigh

告警级别: info

=====

告警主题: Processes experience elevated CPU throttling.

告警详情: 42.26% throttling of CPU in namespace monitoring for container kube-rbac-proxy in pod node-exporter-gwlq2.

故障时间: 2022-09-24 18:13:47

=====

告警主题: Processes experience elevated CPU throttling.

告警详情: 45.42% throttling of CPU in namespace monitoring for container kube-rbac-proxy in pod node-exporter-lcxwv.

故障时间: 2022-09-24 00:01:17

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告警主题: Processes experience elevated CPU throttling.

告警详情: 54.18% throttling of CPU in namespace monitoring for container kube-rbac-proxy in pod node-exporter-vis95.

故障时间: 2022-09-24 00:01:47

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告警主题: Processes experience elevated CPU throttling.

告警详情: 43.1% throttling of CPU in namespace monitoring for container kube-rbac-proxy in pod node-exporter-xcjwx.

故障时间: 2022-09-24 10:25:47

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告警主题: Processes experience elevated CPU throttling.