

Alert Template & Condition

Alert Query

Alert Type	Qurey	Value	D
APIServerDown	up{job="kubernetes-apisservers"} == 0	-	"A Ur
K8SNodeNotReady	kube_node_status_condition{condition="Ready",status="true"} == 0	-	"{{ ha wi se Ne
NodeDown	up{component="node-exporter",job="kubernetes-monitoring-endpoints"} == 0	-	"{{ }: De
NodeCPUUsage	(100 - (avg by (instance) (irate(node_cpu{component="node-exporter",mode="idle"}[5m])) * 100))	> 75	"{{ CF va }})
NodeLoadAverage5	(node_load5 / count without (cpu, mode) (node_cpu{mode="system"}))	> 4	"{{ Lo (ci \$v
NodeMemoryUsage	((node_memory_MemTotal-node_memory_MemFree-node_memory_Cached)/(node_memory_MemTotal)*100))	> 75	"{{ M (ci \$v
NodeLowRootDisk	((node_filesystem_size{mountpoint="/" } - node_filesystem_free{mountpoint="/" }) / node_filesystem_size{mountpoint="/" } * 100)	> 75	"{{ Rc (ci \$v
PodFrequentlyRestarting	검토 필요		
PodCPUUsage	검토 필요		
PodMemoryUsage	검토 필요		
PodNetworkUsage	검토 필요		

User Alert Rule Template

항목	사용자 입력	설명
alert	Alert Type	사용자가 Alert Rule 생성 시 Dropbox 선택 <ul style="list-style-type: none">Node = 7개 항목Pod = 4개 항목
expr	Qurey	Alert Type 선택 시 Prom Query 자동 적용
	Threshold	사용자 입력
for	Duration	사용자 입력
lables	Severity	사용자가 Alert Rule 생성 시 Dropbox 선택 <ul style="list-style-type: none">wanningcritical

	Channel	사용자가 채널메뉴에서 생성 한 channel Dropbox 선택
annotations	Discriptions	Alert Type 선택 시 자동 Discriptions 적용

Example

```
- alert: [Alert Type]
  expr: [Query] > [Threshold]
  for: [Duration]
  labels:
    severity: [Severity]
    channel : [Channel]
  annotations:
    description: [Description]
```

```
- alert: NodeCPUUsage
  expr: (100 - (avg by (instance)
(irate(node_cpu{component="node-exporter",mode="idle"}[5m])) * 100)) > 75
  for: 2m
  labels:
    severity: warning
    channel : sample-channel
  annotations:
    description: "{{ $labels.instance }}: CPU usage is above 75% (current
value is: {{ $value }})"
```