1.terraform

2.provider

3.resource group

4.service plan

5.linux web app

6.server + database

7.firewall

8.githubrepo

========================================================================

**Alert Config:**

**1. Run Blackbox-exporter.exe**

<http://localhost:9115/probe?target=https://softuni.org>

**2. Config prometheus .yaml file:**

add configs:

scrape\_configs:

- job\_name: 'blackbox'

metrics\_path: /probe

static\_configs:

- targets:

- [https://softuni.org](https://softuni.org/)

relabel\_configs:

- source\_labels: [\_\_address\_\_]

target\_label: \_\_param\_target

- source\_labels: [\_\_param\_target]

target\_label: instance

- target\_label: \_\_address\_\_

replacement: 127.0.0.1:9115

Start to test on <http://localhost:9090/>

**3.Config alertmanager.yaml**

add webhook Your unique URL into webhook config

<https://webhook.site/3d4d8421-8abf-47c1-b9a5-695a48d09208>

Run alertmanager.exe with --config.file=alertmanager.YAML

Test on <http://localhost:9093/>

**4.Set alert rule into new .YAML file example: alert-rules.yaml**

config for example:

groups:

- name: Connection was slow

rules:

- alert: SlowConnection

expr: probe\_http\_duration\_seconds{phase="connect"} > 0.001

for: 3s

labels:

severity: warning

annotations:

summary: "Connection took more than 0.1 milliseconds"

**5.Config the prometheus .YAML file**

- add rule file = alert-rules.yaml ( from step 4 )

-set alert target = localhost:9093

Looks like this:

# Alertmanager configuration

alerting:

alertmanagers:

- static\_configs:

- targets:

- localhost:9093

rule\_files:

- "alert-rules.yaml"

**6.Now run prometheus.exe --config.file=prometheus-exam.YAML(modified with alert-rule)**

**7.Open Grafana** [**http://localhost:3000/**](http://localhost:3000/)

<https://www.youtube.com/watch?v=0DoHcOC_hMY>