PROMETHEUS.YML

```yaml
# my global config

global:

  scrape_interval:     15s # Set the scrape interval to every 15 seconds. Default is every 1 minute.

  evaluation_interval: 15s # Evaluate rules every 15 seconds. The default is every 1 minute.

  # scrape_timeout is set to the global default (10s).


  # Attach these labels to any time series or alerts when communicating with

  # external systems (federation, remote storage, Alertmanager).

  external_labels:

    monitor: 'codelab-monitor'


# Load rules once and periodically evaluate them according to the global 'evaluation_interval'.

rule_files:

  # - "first.rules"

  # - "second.rules"


# A scrape configuration containing exactly one endpoint to scrape:

# Here it's Prometheus itself.

scrape_configs:

  # The job name is added as a label `job=<job_name>` to any timeseries scraped from this config.

  - job_name: 'prometheus'


    # metrics_path defaults to '/metrics'

    # scheme defaults to 'http'.


    static_configs:

      - targets: ['host.docker.internal:9090'] # Only works on Docker Desktop for Windows
```

- job_name: 'docker'

    # metrics_path defaults to '/metrics'

    # scheme defaults to 'http'.

  static_configs:

    - targets: ['192.168.65.1:9323']

EXECUTION

Windows PowerShell

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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Mounika>

cd ..PS C:\Users> cd ..

PS C:\> cd tmp

PS C:\tmp> docker service create --replicas 1 --name my-prometheus --mount
type=bind,source=c:/tmp/prometheus.yml,destination=/etc/prometheus.yml --publish
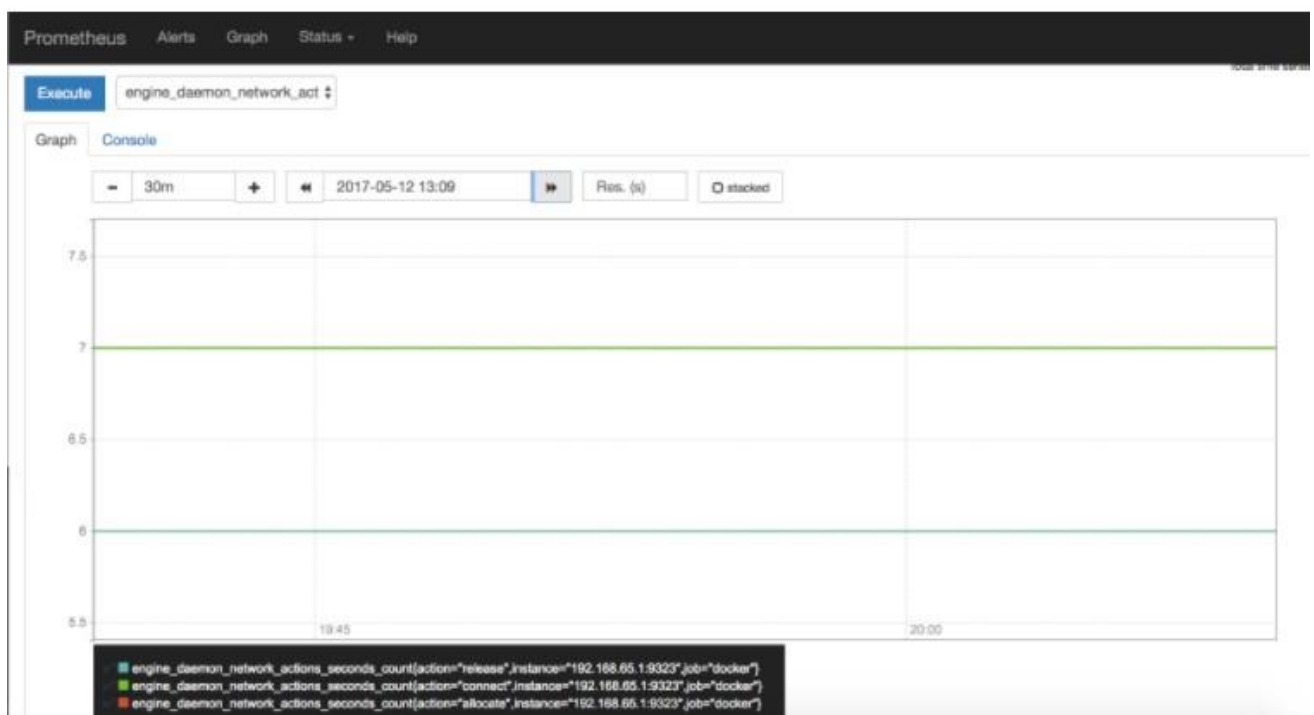published=9090,target=9090,protocol=tcp prom/prometheus

8rgstxc65orl0enbnfspwgxh9

overall progress: 1 out of 1 tasks

1/1: running [==>]

verify: Service converged

Targets

docker

Endpoint	State	Labels	Last Scrape	Error
http://192.168.65.1:9323/metrics	UP	instance="192.168.65.1:9323"	7.302s ago	

prometheus

Endpoint	State	Labels	Last Scrape	Error
http://localhost:9090/metrics	UP	instance="localhost:9090"	4.588s ago	

```
engine_daemon_network_actions_seconds_count .
```

Prometheus   Alerts   Graph   Status ▾   Help

Execute   engine_daemon_network_act ▾

Graph   Console

| − | 30m | + | ◄◄ | 2017-05-12 13:09 | ►► | Res. (s) | ☐ stacked |

- engine_daemon_network_actions_seconds_count{action="release",instance="192.168.65.1:9323",job="docker"}
- engine_daemon_network_actions_seconds_count{action="connect",instance="192.168.65.1:9323",job="docker"}
- engine_daemon_network_actions_seconds_count{action="allocate",instance="192.168.65.1:9323",job="docker"}

PS C:\tmp> docker service create --replicas 10 --name ping_service alpine ping docker.com

```
57sc8cpsgcv6phhy47jn0jiwd

overall progress: 10 out of 10 tasks

1/10: running  [==================================================>]
2/10: running  [==================================================>]
3/10: running  [==================================================>]
4/10: running  [==================================================>]
5/10: running  [==================================================>]
6/10: running  [==================================================>]
7/10: running  [==================================================>]
8/10: running  [==================================================>]
9/10: running  [==================================================>]
10/10: running [==================================================>]
verify: Service converged

PS C:\tmp>
```

When someone wants to push over the network service, that we want flooding about with view of
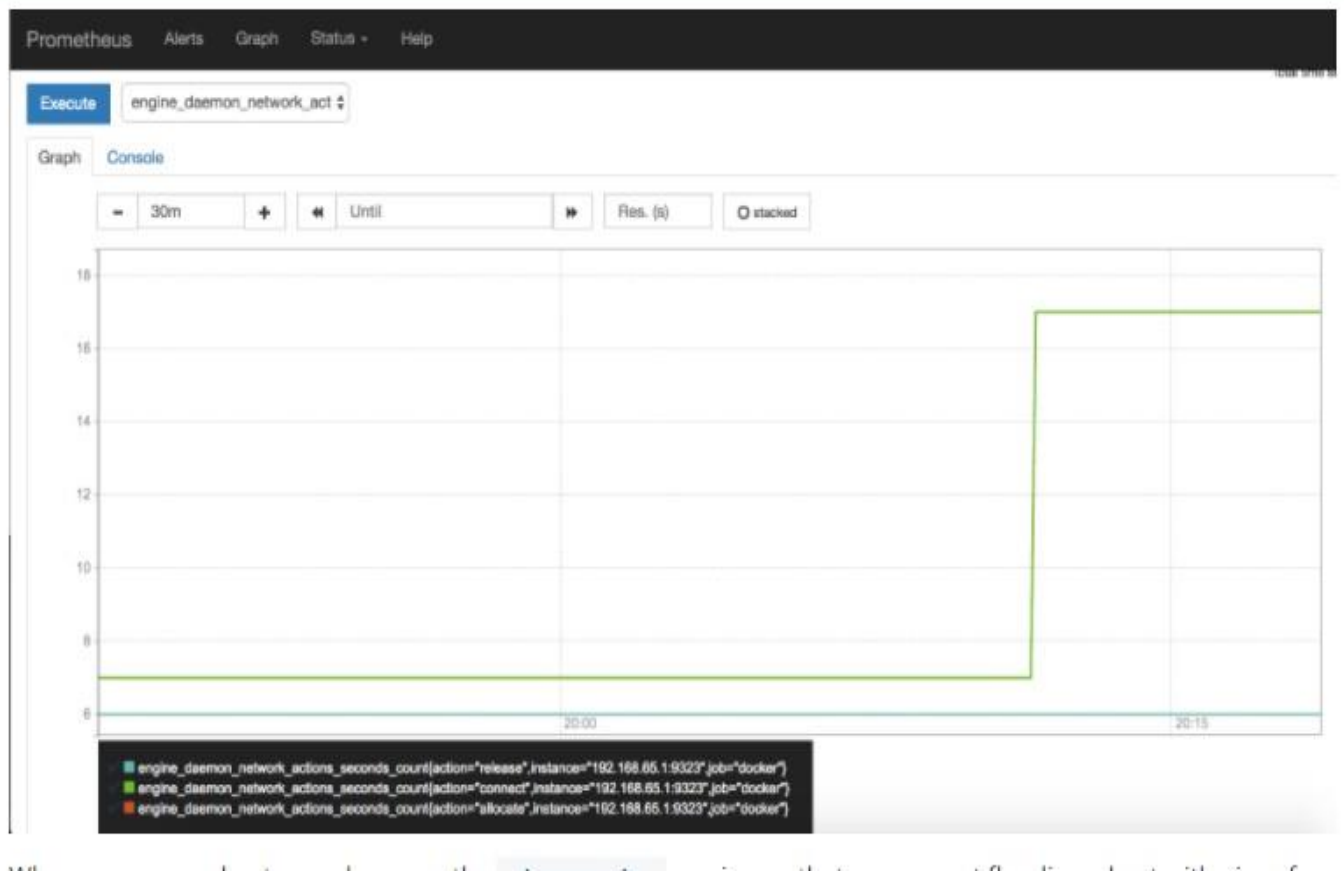
PS C:\tmp> docker service remove ping_service