

PROMETHEUS.YML

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\srika> 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
```

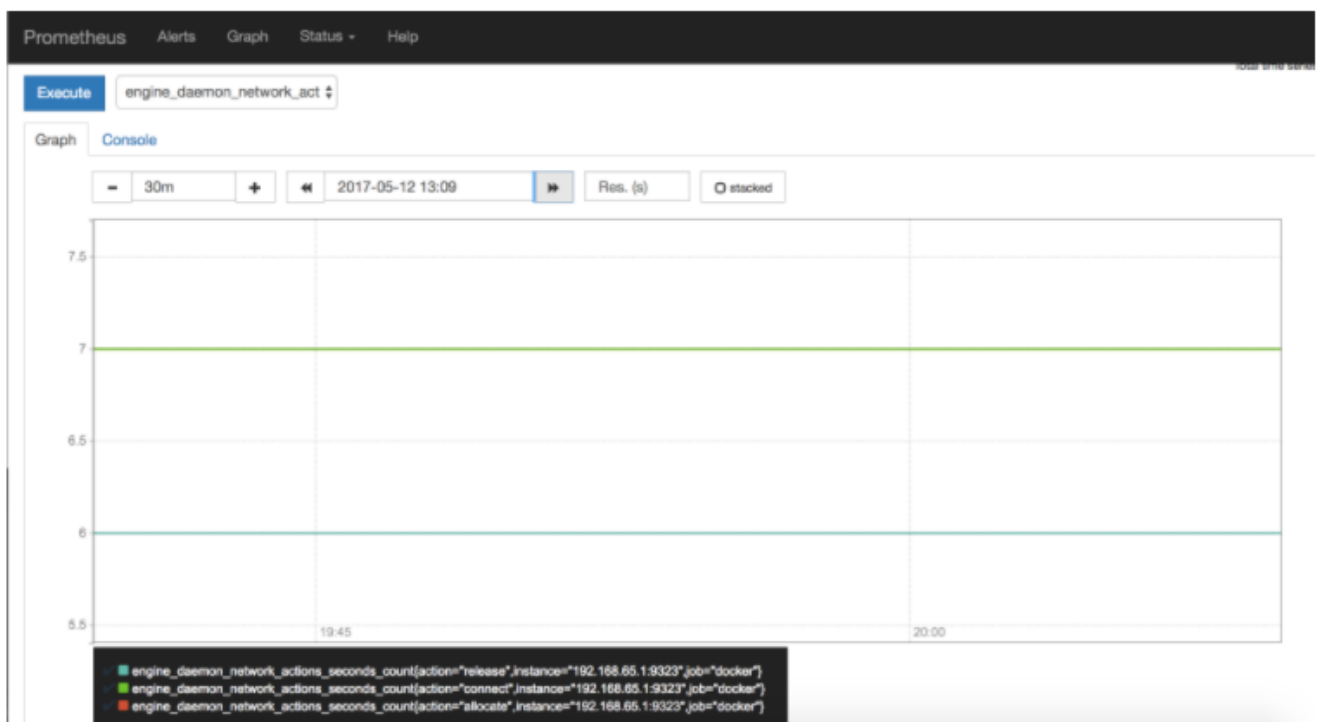
```
1/1: running [=====>]
```

```
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 .



```
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 [=====>]

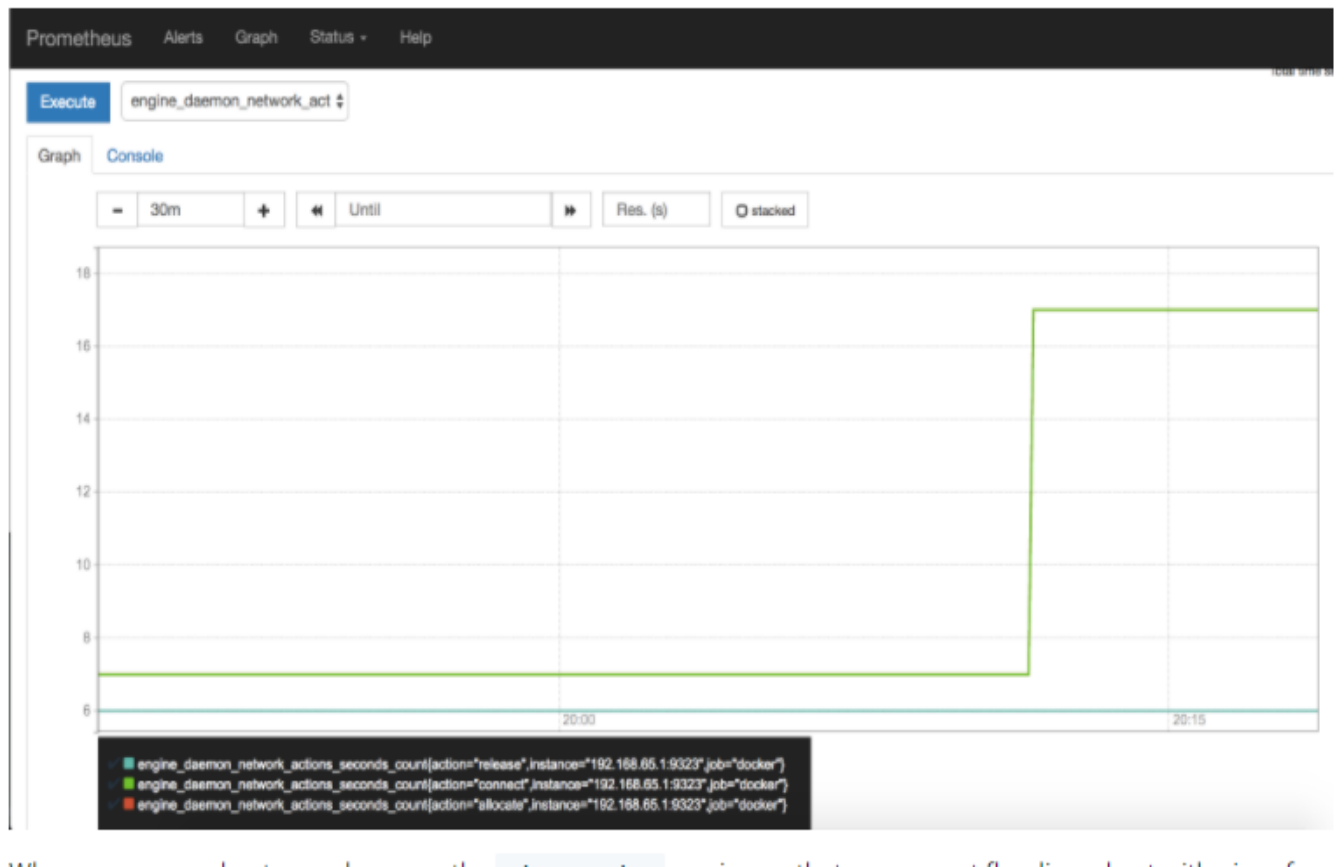
8/10: running [=====>]

9/10: running [=====>]

10/10: running [=====>]

verify: Service converged

PS C:\tmp>



```
PS C:\tmp> docker service remove ping_service
```

```
ping_service
```