**Docker-compose.yml**

version: "3.8"

services:

prometheus:

image: prom/prometheus:v2.52.0

container\_name: prometheus

network\_mode: host  *# <── gives Prometheus access to localhost:9100*

restart: unless-stopped

volumes:

- ./prometheus.yml:/etc/prometheus/prometheus.yml:ro

- prom\_data:/prometheus

command:

- "--config.file=/etc/prometheus/prometheus.yml"

- "--storage.tsdb.path=/prometheus"

- "--web.enable-lifecycle"

blackbox:

image: prom/blackbox-exporter:v0.25.0

container\_name: blackbox-exporter

network\_mode: host  *# so Prometheus (also host net) can hit 127.0.0.1:9115*

restart: unless-stopped

volumes:

- ./blackbox.yml:/etc/blackbox\_exporter/config.yml:ro

grafana:

image: grafana/grafana-oss:10.3.3

container\_name: grafana

network\_mode: host

restart: unless-stopped

ports:

- "3000:3000"

volumes:

- grafana\_data:/var/lib/grafana

depends\_on:

- prometheus

volumes:

prom\_data:

grafana\_data:

**Prometheus.yml**

global:

scrape\_interval: 15s

scrape\_configs:

- job\_name: 'node'

static\_configs:

- targets: ['localhost:9100']  *# ← list-item begins here*

labels:  *# ← add two spaces so it sits under “-”*

env: onprem

- job\_name: 'prometheus'

static\_configs:

- targets: ['localhost:9090']

- job\_name: 'web-probe'

metrics\_path: /probe

params:

module: [http\_2xx\_local]

static\_configs:

- targets:

- http://127.0.0.1:8000/

relabel\_configs:

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

target\_label: \_\_param\_target

- target\_label: instance

replacement: hrms-web

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

replacement: 127.0.0.1:9115

rule\_files:

- alert\_rules.yml

**Blackbox.yml**

modules:

http\_2xx\_local:  *# ← this name is exported*

prober: http

timeout: 5s

http:

valid\_status\_codes: [200, 201, 301, 302]