**How To Install Prometheus on RHEL 8**

**[root@docker ~]#**

wget <https://github.com/prometheus/prometheus/releases/download/v2.40.1/prometheus-2.40.1.linux-amd64.tar.gz>

--2022-11-15 13:05:49-- https://github.com/prometheus/prometheus/releases/download/v2.40.1/prometheus-2.40.1.linux-amd64.tar.gz

Resolving github.com (github.com)... 20.207.73.82

Connecting to github.com (github.com)|20.207.73.82|:443... connected.

HTTP request sent, awaiting response... 302 Found

Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/6838921/14be8dda-8ed5-49f8-8ec2-7281b70fa5a5?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20221115%2Fus-east-1%2Fs3%2Faws4\_request&X-Amz-Date=20221115T073551Z&X-Amz-Expires=300&X-Amz-Signature=f9d8d78899f10da51153b1f0f4c29382417ab7a2684e7fc4a5a38ffabb434716&X-Amz-SignedHeaders=host&actor\_id=0&key\_id=0&repo\_id=6838921&response-content-disposition=attachment%3B%20filename%3Dprometheus-2.40.1.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream [following]

--2022-11-15 13:05:50-- https://objects.githubusercontent.com/github-production-release-asset-2e65be/6838921/14be8dda-8ed5-49f8-8ec2-7281b70fa5a5?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20221115%2Fus-east-1%2Fs3%2Faws4\_request&X-Amz-Date=20221115T073551Z&X-Amz-Expires=300&X-Amz-Signature=f9d8d78899f10da51153b1f0f4c29382417ab7a2684e7fc4a5a38ffabb434716&X-Amz-SignedHeaders=host&actor\_id=0&key\_id=0&repo\_id=6838921&response-content-disposition=attachment%3B%20filename%3Dprometheus-2.40.1.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream

Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.111.133, 185.199.110.133, 185.199.108.133, ...

Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.111.133|:443... connected.

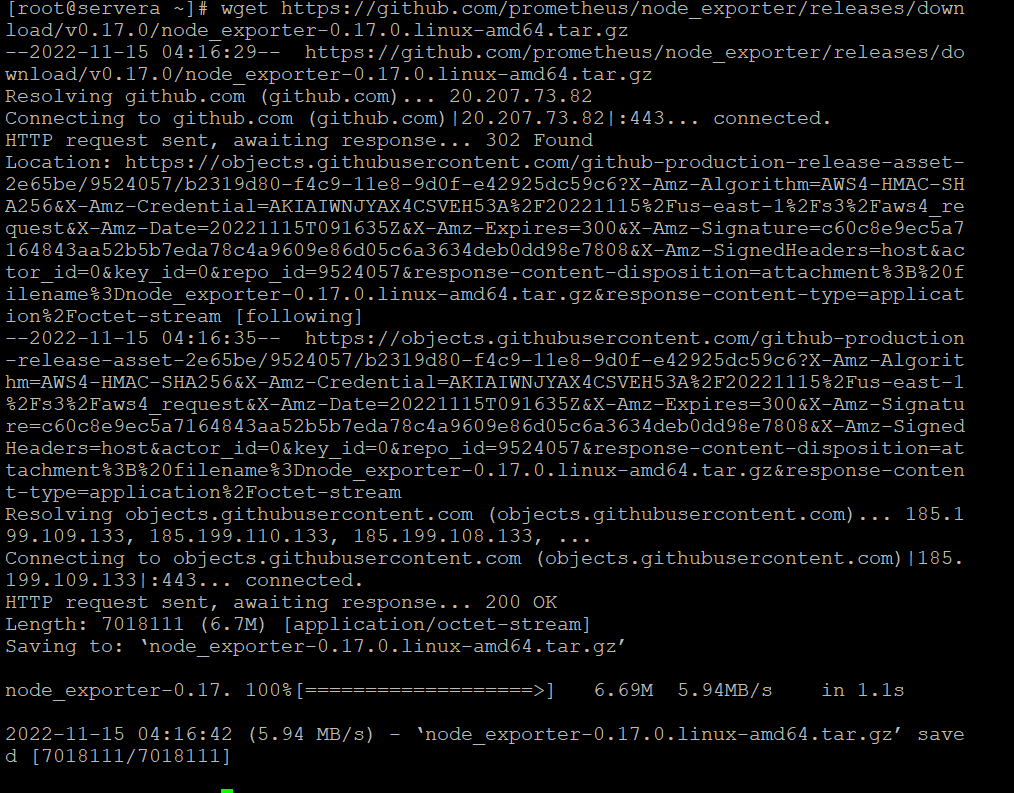
HTTP request sent, awaiting response... 200 OK

Length: 87774840 (84M) [application/octet-stream]

Saving to: ‘prometheus-2.40.1.linux-amd64.tar.gz’

prometheus-2.40.1.linux-amd64.tar.gz 100%[============================================================================>] 83.71M 14.2MB/s in 5.8s

2022-11-15 13:05:56 (14.5 MB/s) - ‘prometheus-2.40.1.linux-amd64.tar.gz’ saved [87774840/87774840]



**[root@docker ~]#** ls

anaconda-ks.cfg Documents initial-setup-ks.cfg Pictures Public test1 Videos

Desktop Downloads Music prometheus-2.40.1.linux-amd64.tar.gz Templates testweb website

**[root@docker ~]#** tar -xvf prometheus-2.40.1.linux-amd64.tar.gz

prometheus-2.40.1.linux-amd64/

prometheus-2.40.1.linux-amd64/NOTICE

prometheus-2.40.1.linux-amd64/prometheus

prometheus-2.40.1.linux-amd64/LICENSE

prometheus-2.40.1.linux-amd64/console\_libraries/

prometheus-2.40.1.linux-amd64/console\_libraries/menu.lib

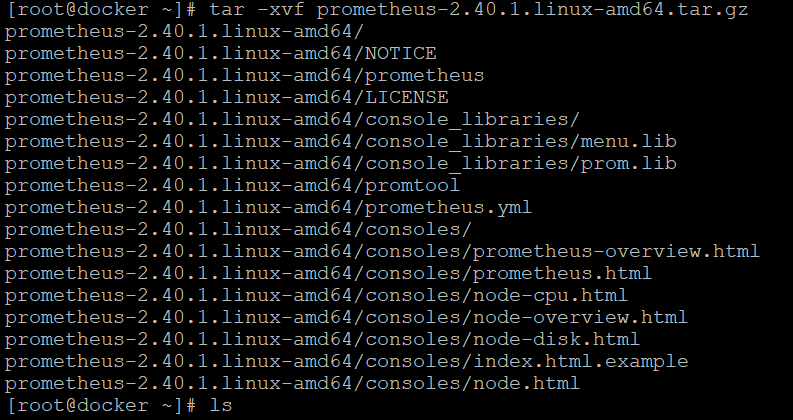
prometheus-2.40.1.linux-amd64/console\_libraries/prom.lib

prometheus-2.40.1.linux-amd64/promtool

prometheus-2.40.1.linux-amd64/prometheus.yml

prometheus-2.40.1.linux-amd64/consoles/

prometheus-2.40.1.linux-amd64/consoles/prometheus-overview.html



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Desktop Downloads Music prometheus-2.40.1.linux-amd64 Public test1 Videos

**[root@docker ~]#** cd prometheus-2.40.1.linux-amd64/

**[root@docker prometheus-2.40.1.linux-amd64]#** ls

console\_libraries consoles LICENSE NOTICE prometheus prometheus.yml promtool

**[root@docker prometheus-2.40.1.linux-amd64]#** ls -ltr

total 215448

-rwxr-xr-x. 1 1001 121 114465160 Nov 9 20:04 prometheus

-rwxr-xr-x. 1 1001 121 106127759 Nov 9 20:06 promtool

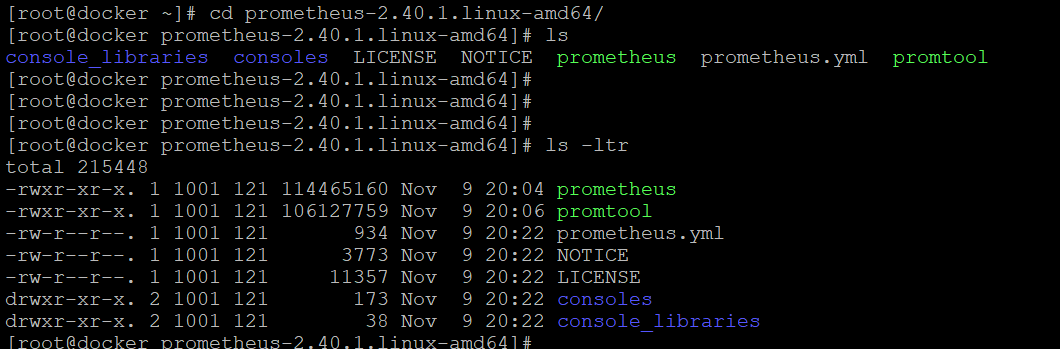
-rw-r--r--. 1 1001 121 934 Nov 9 20:22 prometheus.yml

-rw-r--r--. 1 1001 121 3773 Nov 9 20:22 NOTICE

-rw-r--r--. 1 1001 121 11357 Nov 9 20:22 LICENSE

drwxr-xr-x. 2 1001 121 173 Nov 9 20:22 consoles

drwxr-xr-x. 2 1001 121 38 Nov 9 20:22 console\_libraries



**[root@docker prometheus-2.40.1.linux-amd64]#** cd

**[root@docker ~]#** sudo groupadd --system prometheus

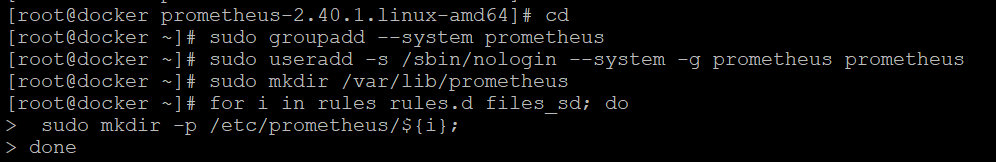
**[root@docker ~]#** sudo useradd -s /sbin/nologin --system -g prometheus prometheus

**[root@docker ~]#** sudo mkdir /var/lib/prometheus

**[root@docker ~]#** for i in rules rules.d files\_sd; do

> sudo mkdir -p /etc/prometheus/${i};

> done



**[root@docker ~]#** cd prometheus-\*/

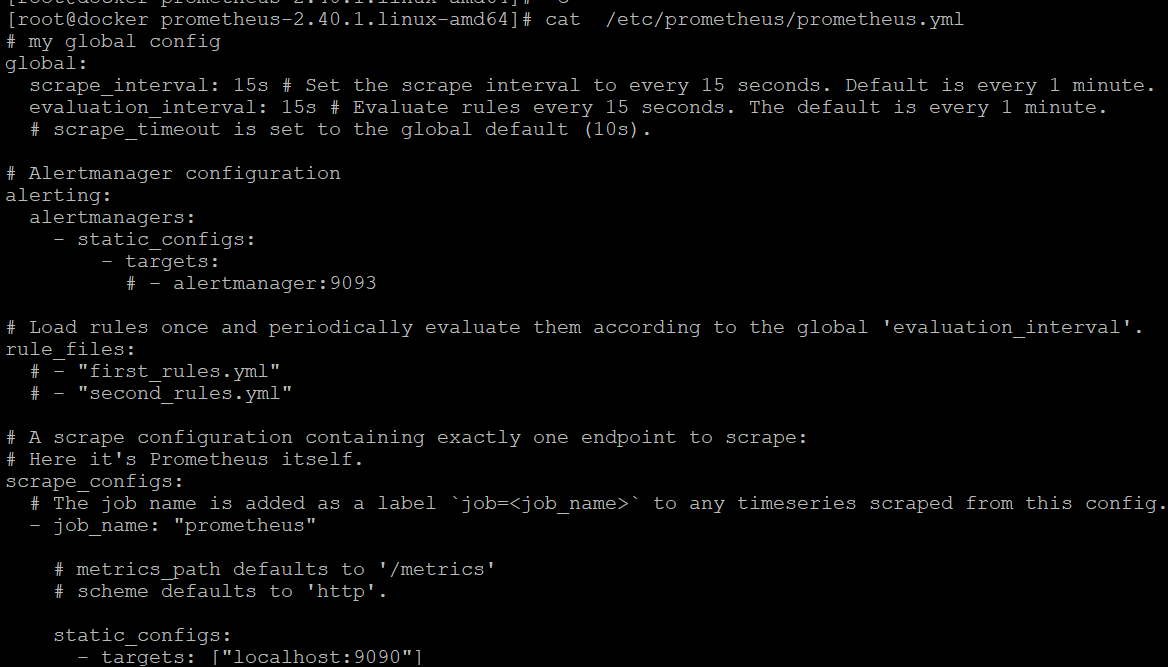
**[root@docker prometheus-2.40.1.linux-amd64]#** cp prometheus promtool /usr/local/bin/

cp: overwrite '/usr/local/bin/prometheus'? yes

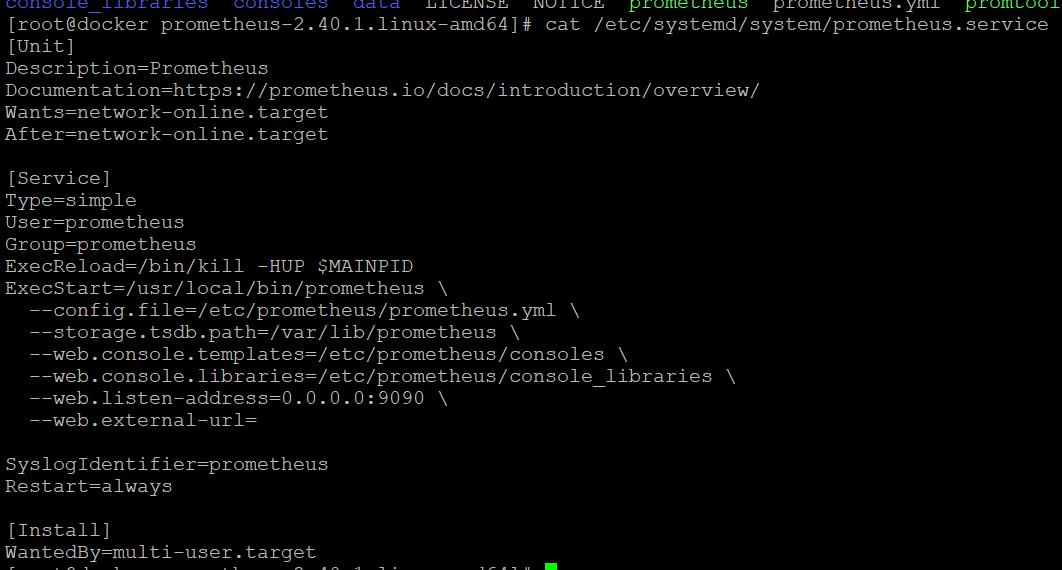
cp: overwrite '/usr/local/bin/promtool'? yes

**[root@docker prometheus-2.40.1.linux-amd64]#** cp -r prometheus.yml consoles/ console\_libraries/ /etc/prometheus/

**[root@docker prometheus-2.40.1.linux-amd64]#** vim /etc/prometheus/prometheus.yml



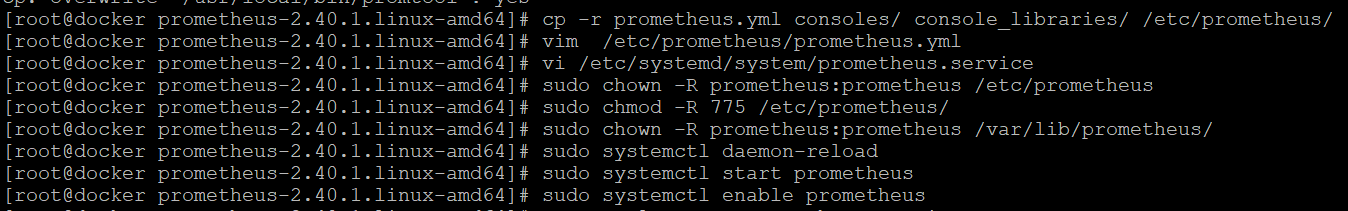
**[root@docker prometheus-2.40.1.linux-amd64]#** vi /etc/systemd/system/prometheus.service



**[root@docker prometheus-2.40.1.linux-amd64]#** sudo chown -R prometheus:prometheus /etc/prometheus

**[root@docker prometheus-2.40.1.linux-amd64]#** sudo chmod -R 775 /etc/prometheus/

**[root@docker prometheus-2.40.1.linux-amd64]#** sudo chown -R prometheus:prometheus /var/lib/prometheus/



**[root@docker prometheus-2.40.1.linux-amd64]#** sudo systemctl daemon-reload

**[root@docker prometheus-2.40.1.linux-amd64]#** sudo systemctl start prometheus

**[root@docker prometheus-2.40.1.linux-amd64]#** sudo systemctl enable prometheus

**[root@docker prometheus-2.40.1.linux-amd64]#** systemctl status prometheus.service

● prometheus.service - Prometheus

Loaded: loaded (/etc/systemd/system/prometheus.service; enabled; vendor preset: disabled)

Active: active (running) since Tue 2022-11-15 13:22:21 IST; 29s ago

Docs: https://prometheus.io/docs/introduction/overview/

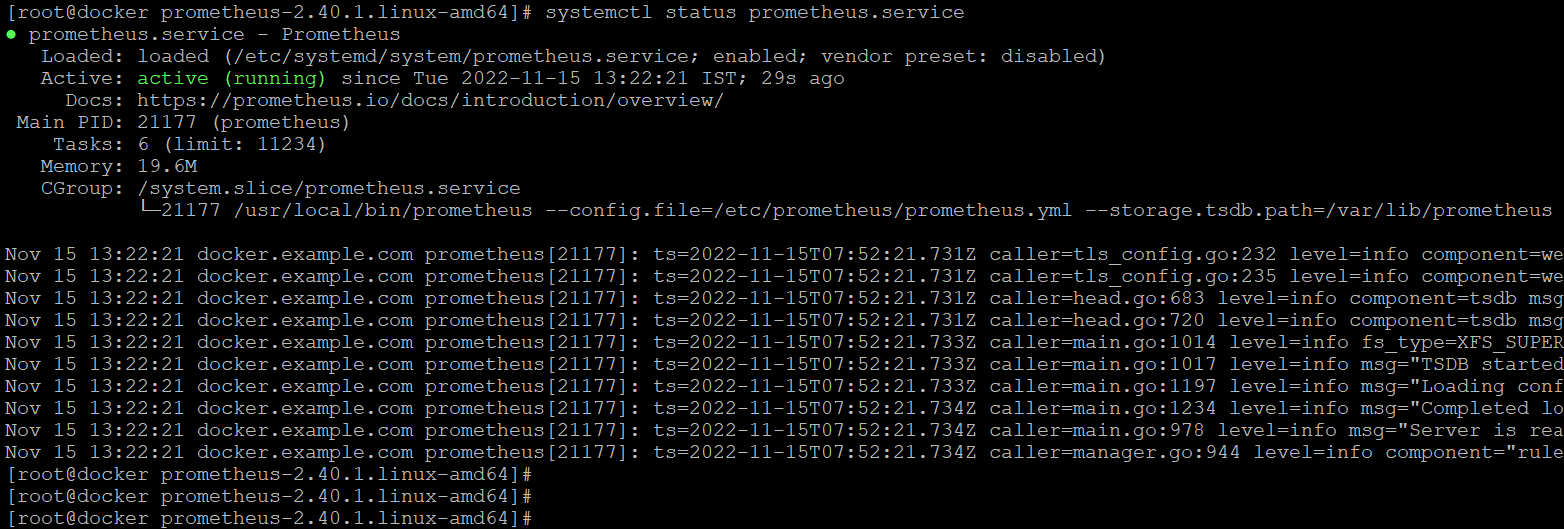
Main PID: 21177 (prometheus)

Tasks: 6 (limit: 11234)

Memory: 19.6M

CGroup: /system.slice/prometheus.service

Check status using systemctl status prometheus command:



Open Prometheus Server IP/Hostname and port **9090**

