Architecture:

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

Installation all the Prometheus components:

https://prometheus.io/download/#prometheus

Install Prometheus:

https://www.cherryservers.com/blog/install-prometheus-ubuntu

Install Node Exporter:

https://prometheus.io/docs/guides/node-exporter/

1 apt update -y

2 clear

3 sudo groupadd --system prometheus

4 sudo useradd -s /sbin/nologin --system -g prometheus prometheus

5 sudo mkdir /etc/prometheus

6 sudo mkdir /var/lib/prometheus

7 wget https://github.com/prometheus/prometheus/releases/download/v2.45.0/prometheus-2.45.0.linux-amd64.tar.gz

8 ls -l

9 tar xvf prometheus-2.45.0.linux-amd64.tar.gz

10 ls -l

11 cd prometheus-2.45.0.linux-amd64/

12 sudo mv prometheus /usr/local/bin

13 sudo mv promtool /usr/local/bin

14 sudo chown prometheus:prometheus /usr/local/bin/prometheus

15 sudo chown prometheus:prometheus /usr/local/bin/promtool

16 sudo mv consoles /etc/prometheus

17 sudo mv console\_libraries /etc/prometheus

18 sudo mv prometheus.yml /etc/prometheus

28 sudo chown prometheus:prometheus /etc/prometheus

29 sudo chown -R prometheus:prometheus /etc/prometheus/consoles

30 sudo chown -R prometheus:prometheus /etc/prometheus/console\_libraries

31 sudo chown -R prometheus:prometheus /var/lib/prometheus

32 vi /etc/prometheus/prometheus.yml

33 sudo nano /etc/systemd/system/prometheus.service

34 vi /etc/systemd/system/prometheus.service

35 sudo systemctl daemon-reload

36 sudo systemctl enable prometheus

37 sudo systemctl start prometheus

38 sudo systemctl status prometheus

39 sudo ufw allow 9090/tcp

40 history

Node-Exporter

43 wget https://github.com/prometheus/node\_exporter/releases/download/v1.6.0/node\_exporter-1.6.0.linux-amd64.tar.gz

44 ls -l

45 tar xvfz node\_exporter-\*.\*-amd64.tar.gz

46 ls -l

47 cd node\_exporter-\*.\*-amd64

48 ls -l

49 nohup ./node\_exporter &

50 lsof -i -P -n | grep LISTEN

51 history

52 cd /etc/prometheus/

53 ls -l

54 vi prometheus.yml

--> Edit the prometheus.yml node-exporter target.

55 sudo systemctl daemon-reload

56 sudo systemctl restart prometheus

57 sudo systemctl status prometheus

58 history