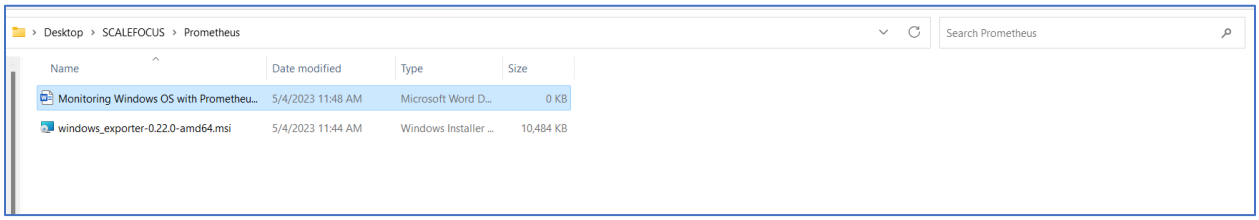
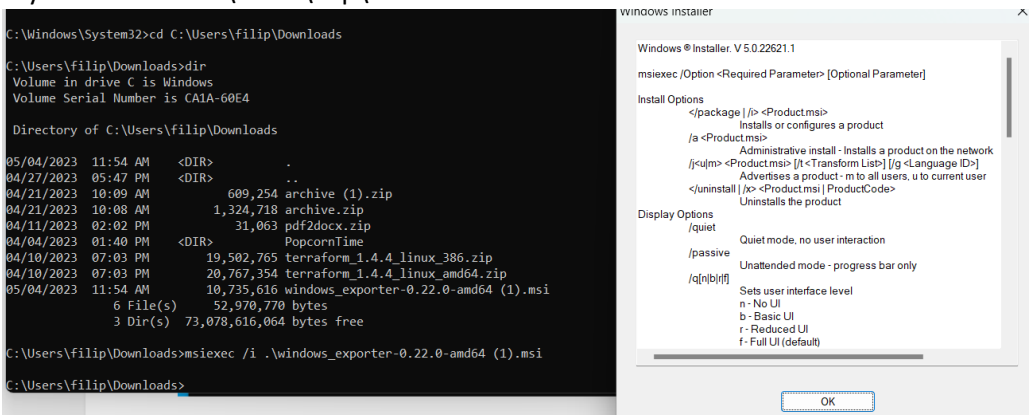
Monitoring Windows OS with Prometheus

Downloading Windows Exporter

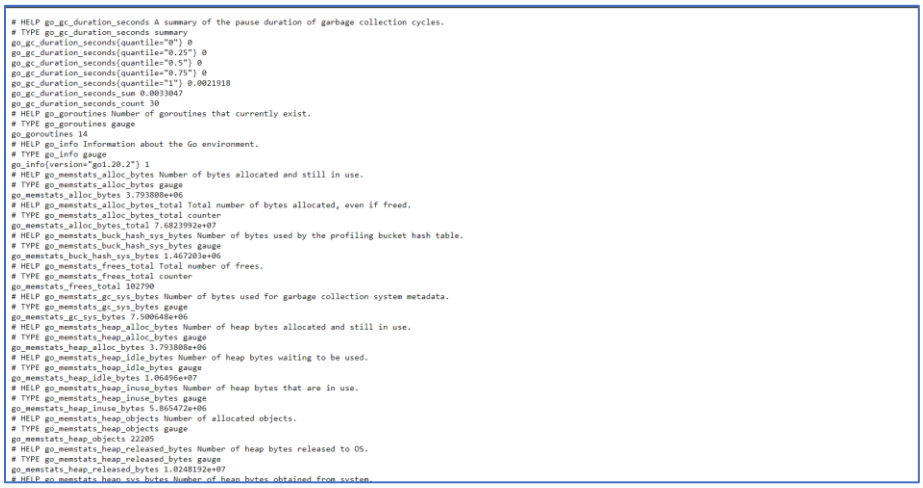


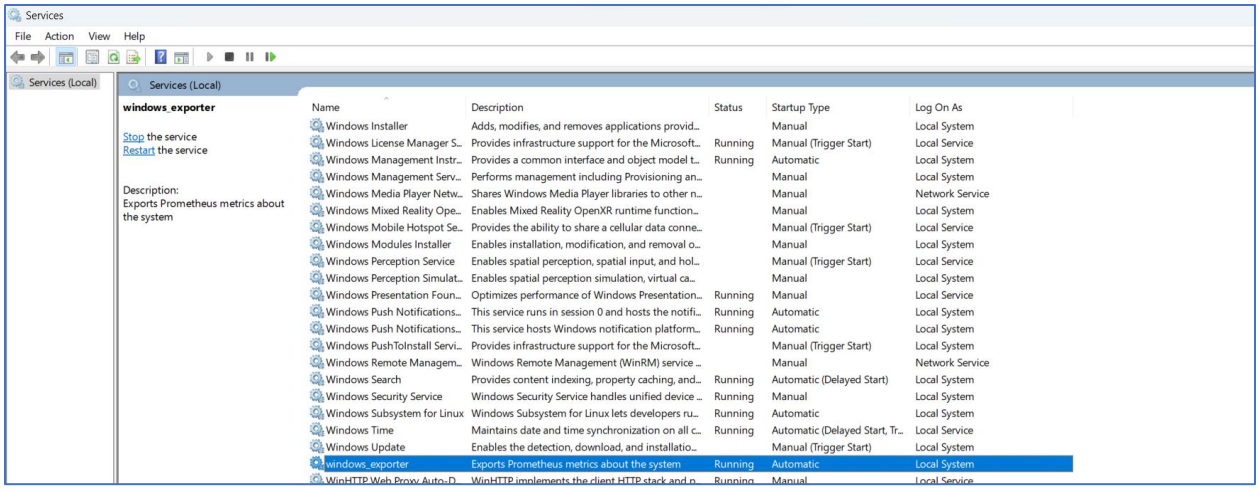
Installing Windows Exporter

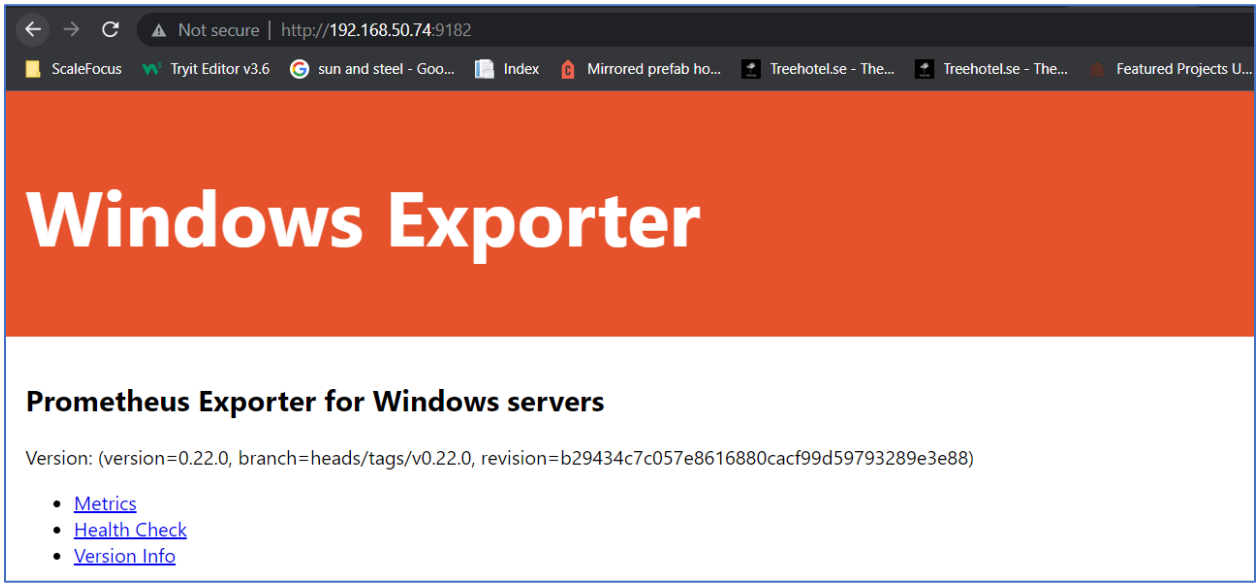
My file location: C:\Users\filip\Downloads



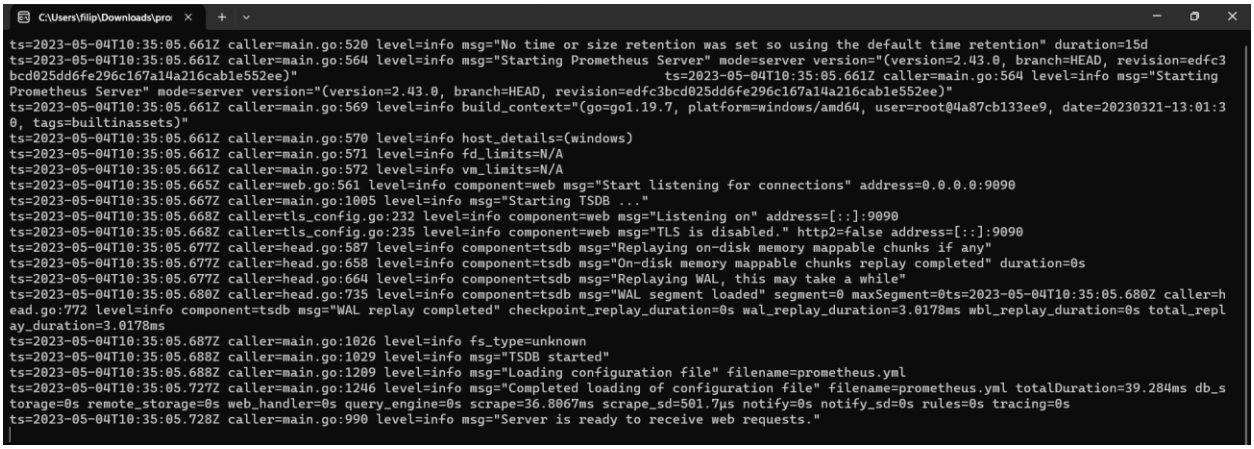
To verify whether Windows Exporter is working, open a web browser and visit http://localhost:9182/metrics. If you see the following output, then Windows Exporter is working.



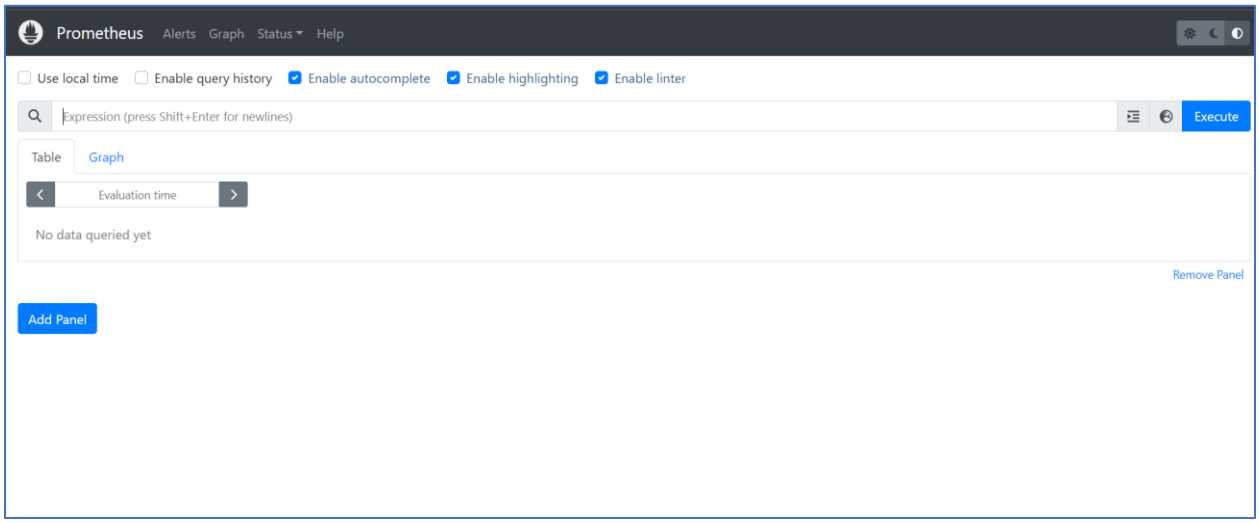




Adding Windows Exporter to Prometheus



Prometheus is running



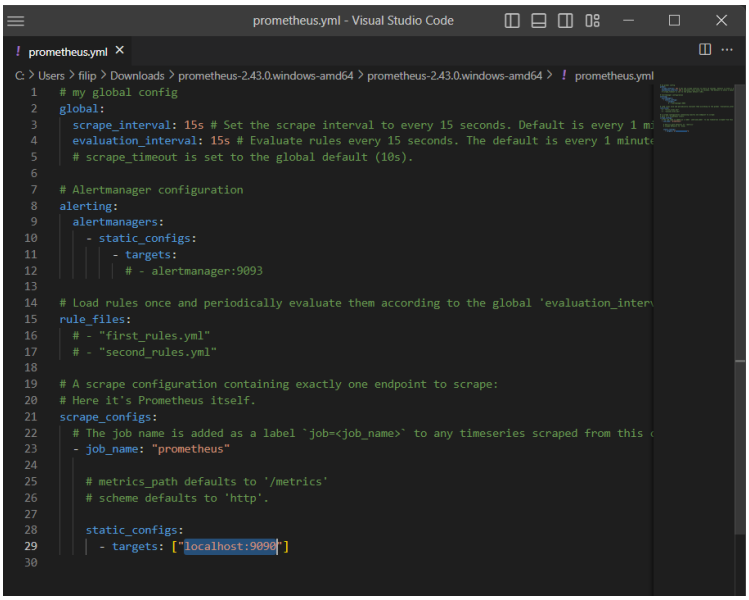
IP address of your Windows computer

192.168.50.74

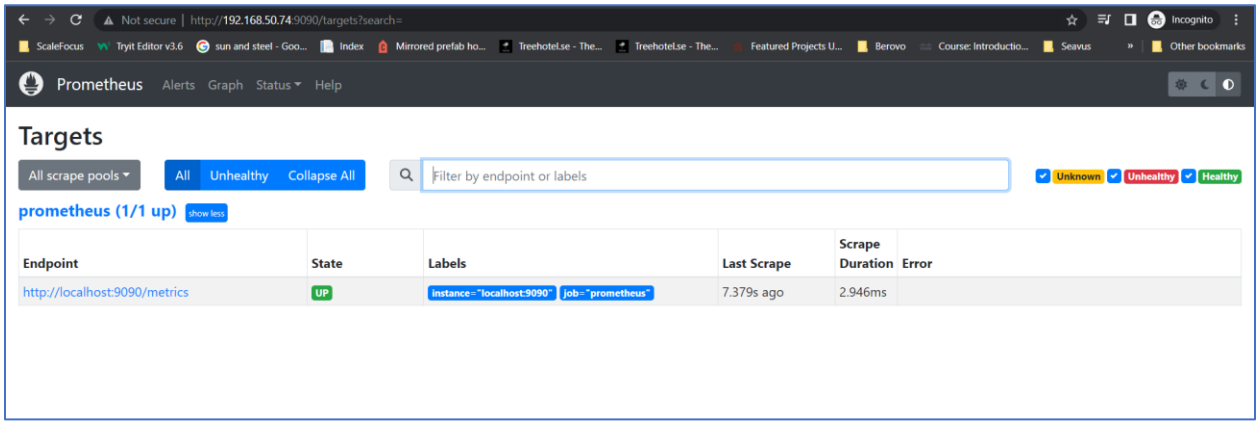
```
Wireless LAN adapter Wi-Fi 2:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::f4cc:f266:6e09:a108%16
   IPv4 Address. . . . . . . . . . . : 192.168.50.74
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : 192.168.50.1
```

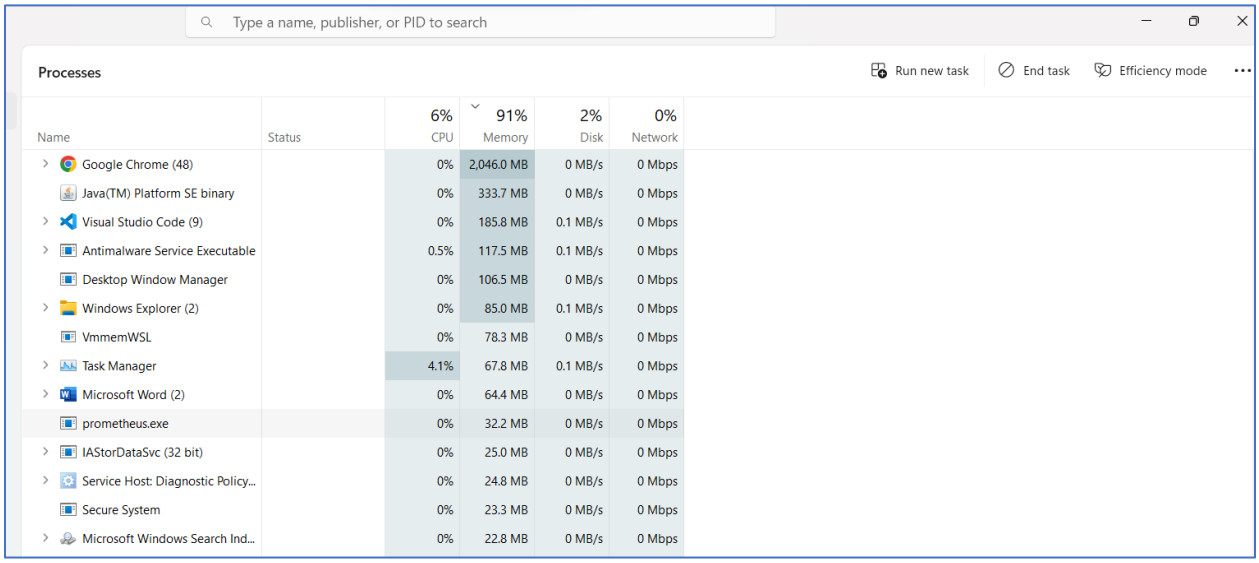
Prometheus YAML file:



Now, visit the Prometheus Targets page at http://192.168.3.149:9090/targets from your favorite web browser, and you should see that the win10 target is in the UP state. It means that Prometheus can scrape stats from the Windows computer using Windows Exporter.

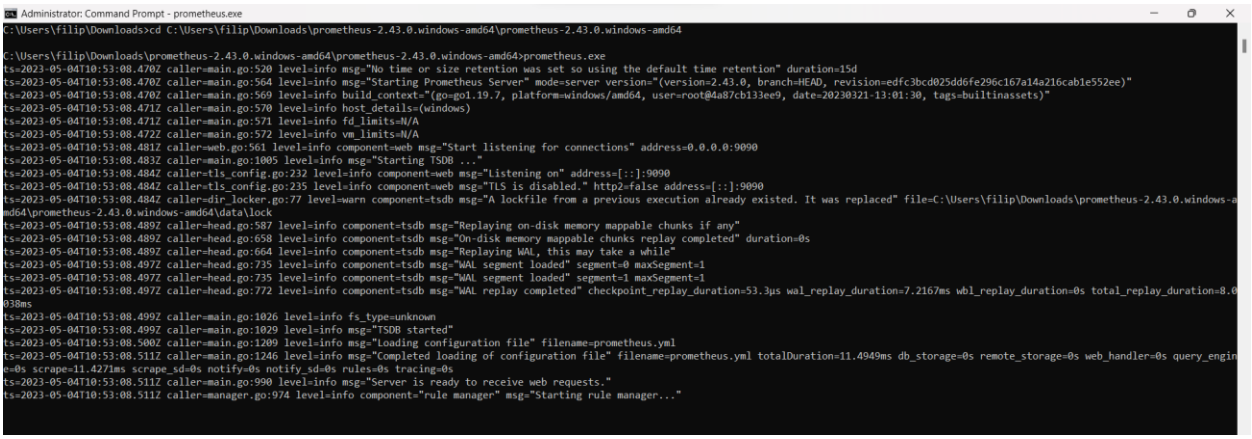


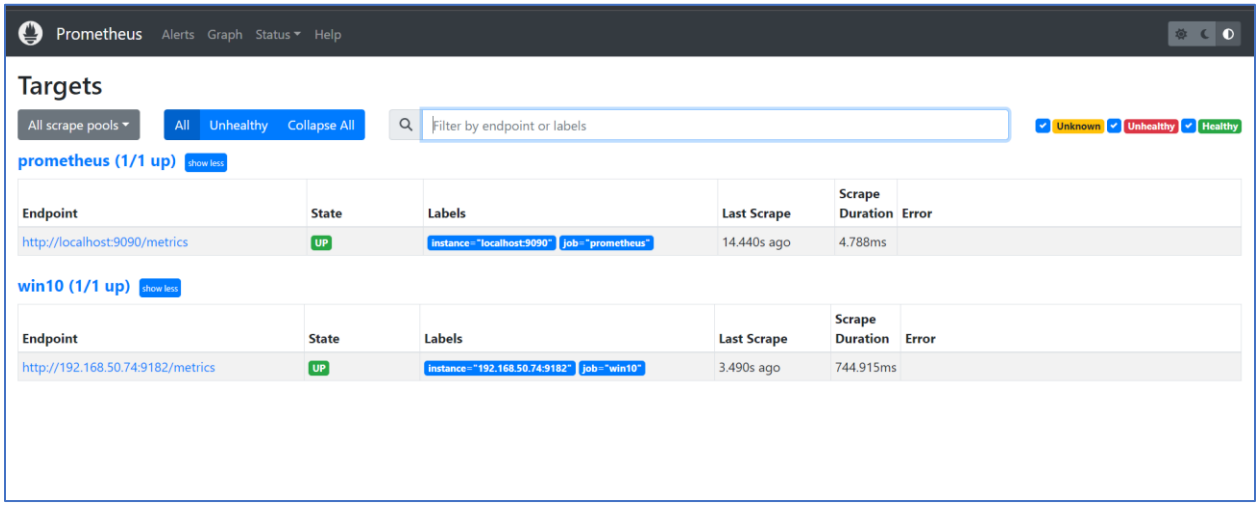
I was missing the Windows job, so I proceeded with restarting Prometheus.



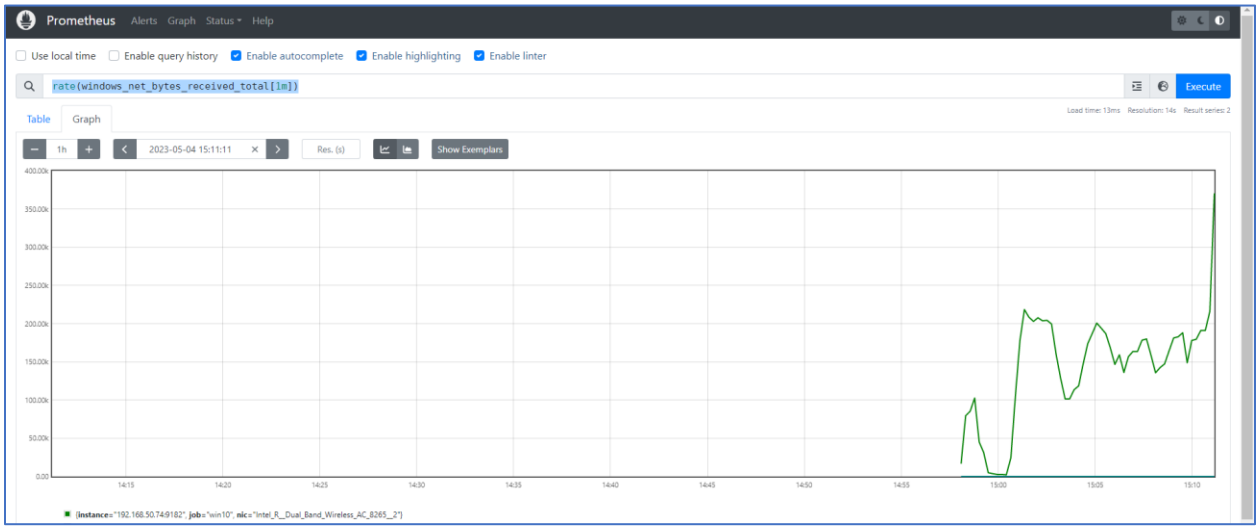

```
    - targets: ["localhost:9090"]

  - job_name: 'win10'
    static_configs:
      - targets: ['192.168.50.74:9182']
```

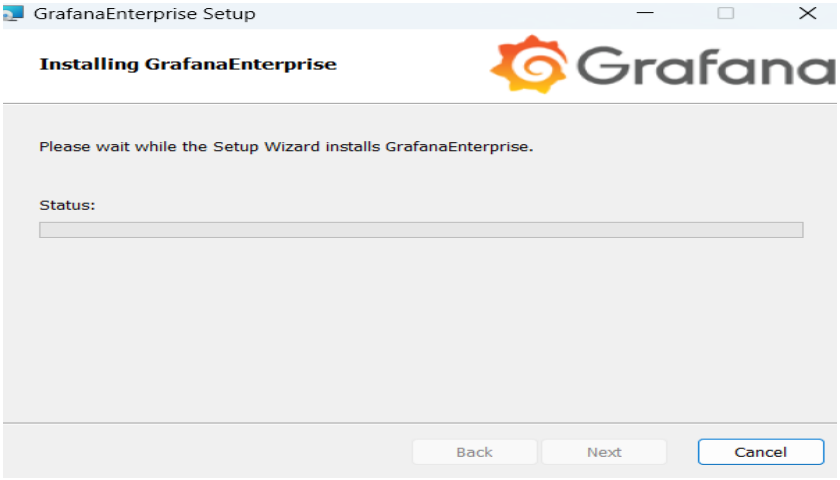




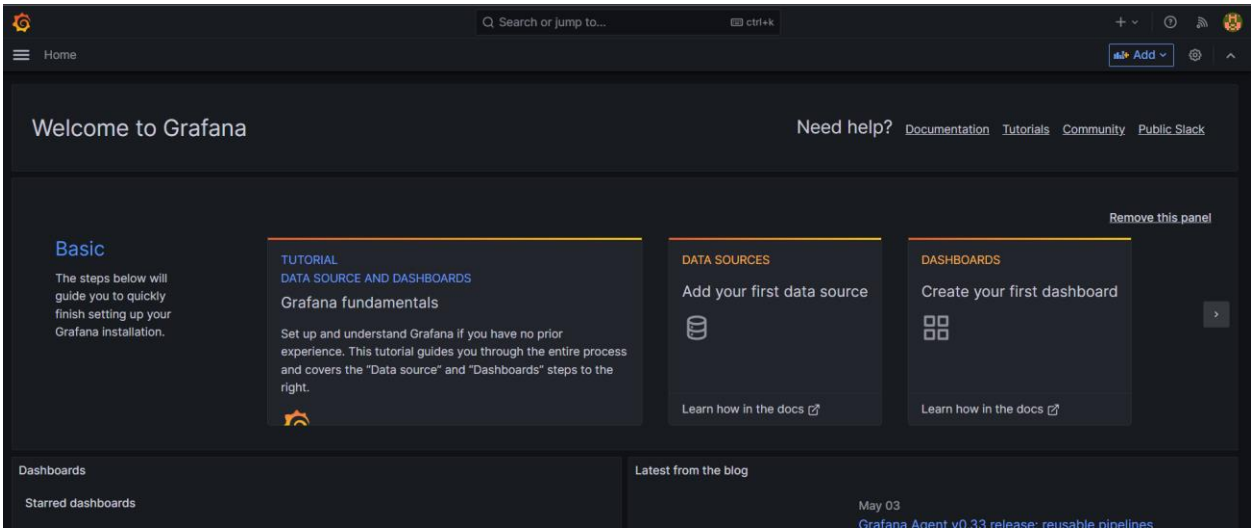
To monitor the download speed of your Windows computer, run the expression rate(windows_net_bytes_received_total[1m]).



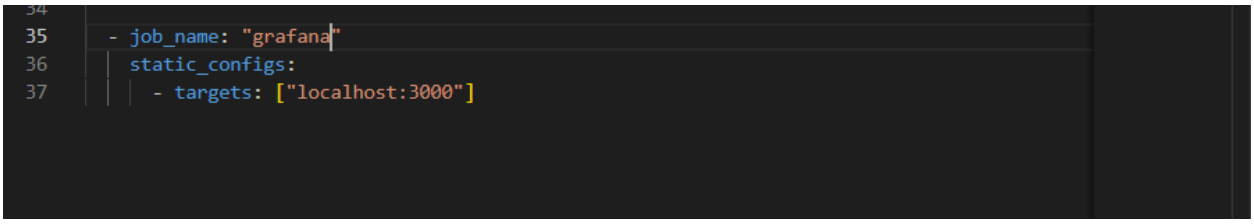
Installing Grafana, just for fun 😊



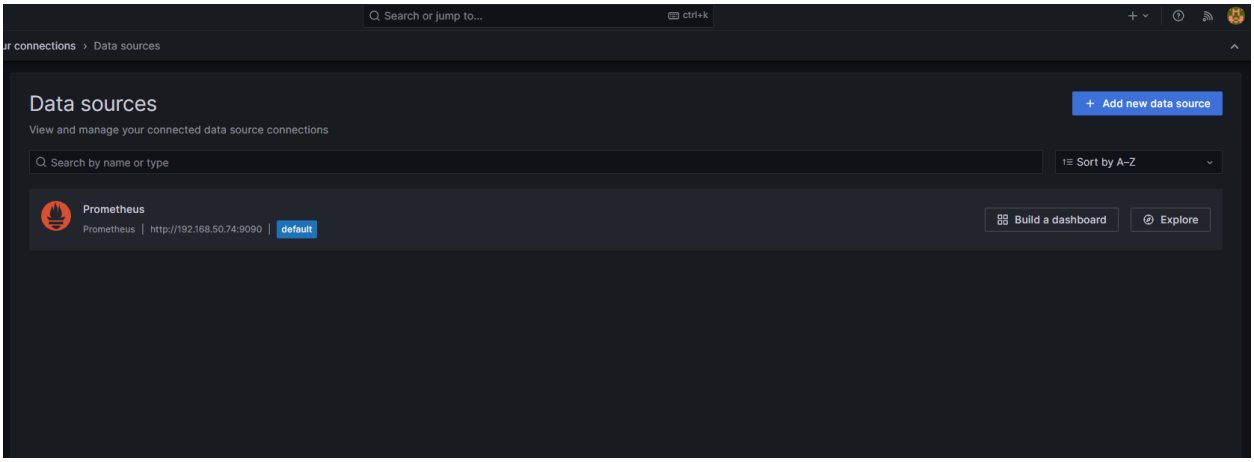
Grafana is Installed



Changes to the yaml file:



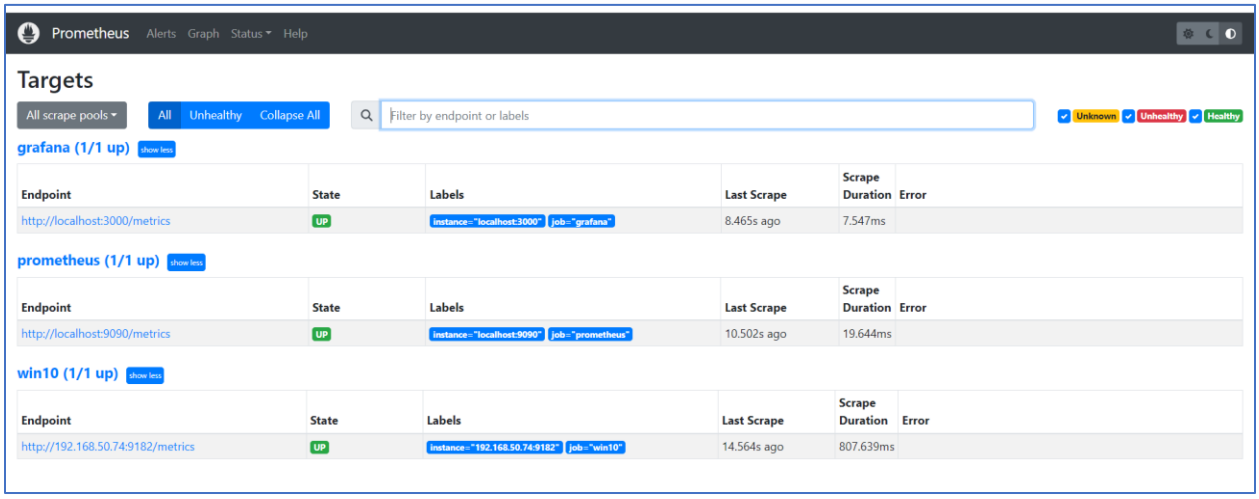
Setting the Connection to Prometheus



Grafana: http://localhost:3000/?orgId=1

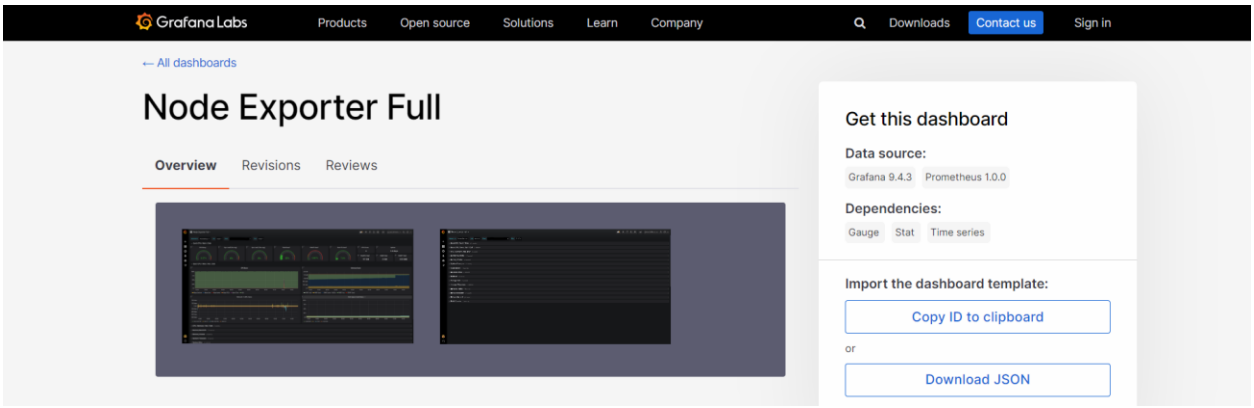
Prometheus: http://192.168.50.74:9090/targets?search=

Windows Exproter: http://192.168.50.74:9182/

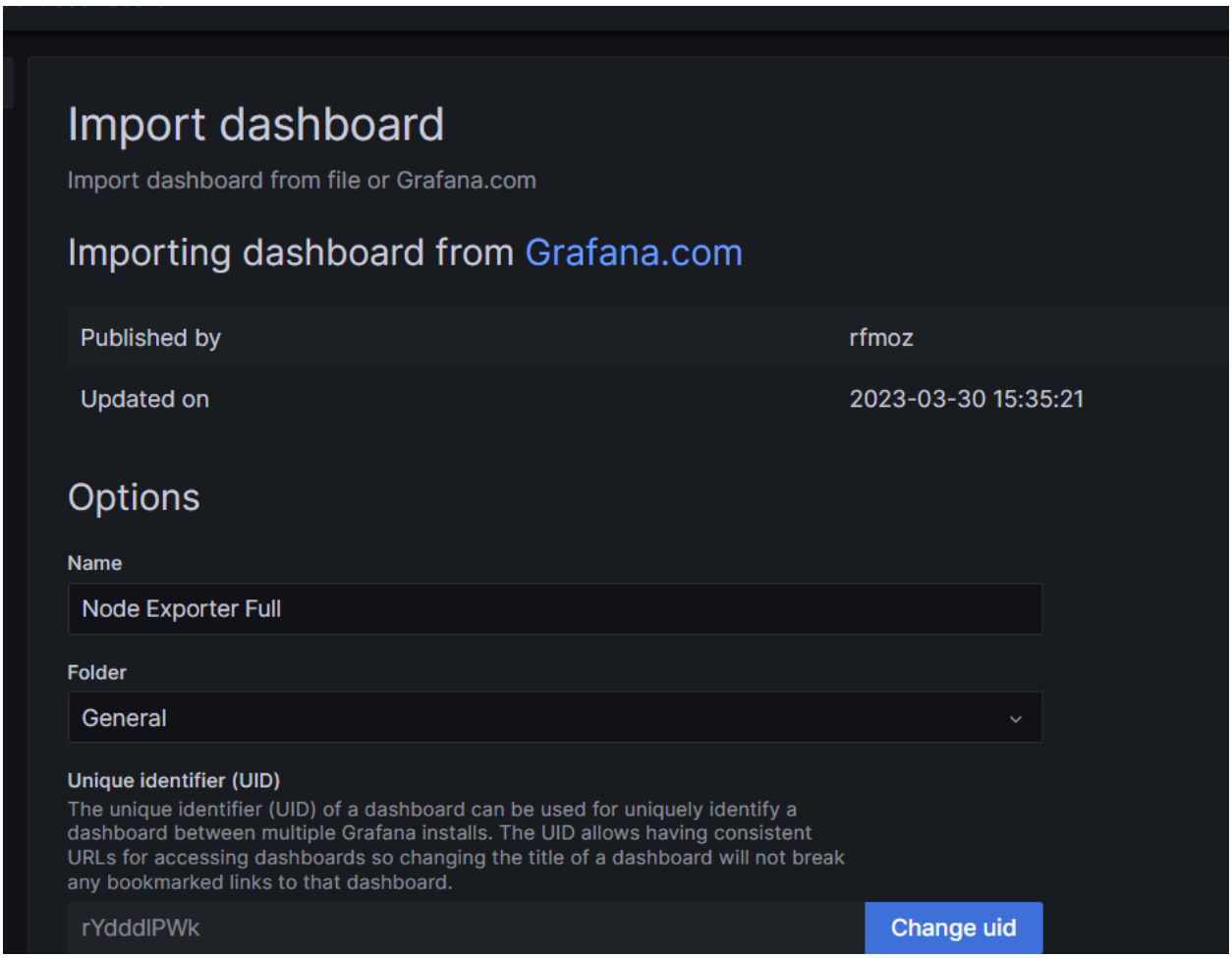


Setting up a Grafana Dashboard

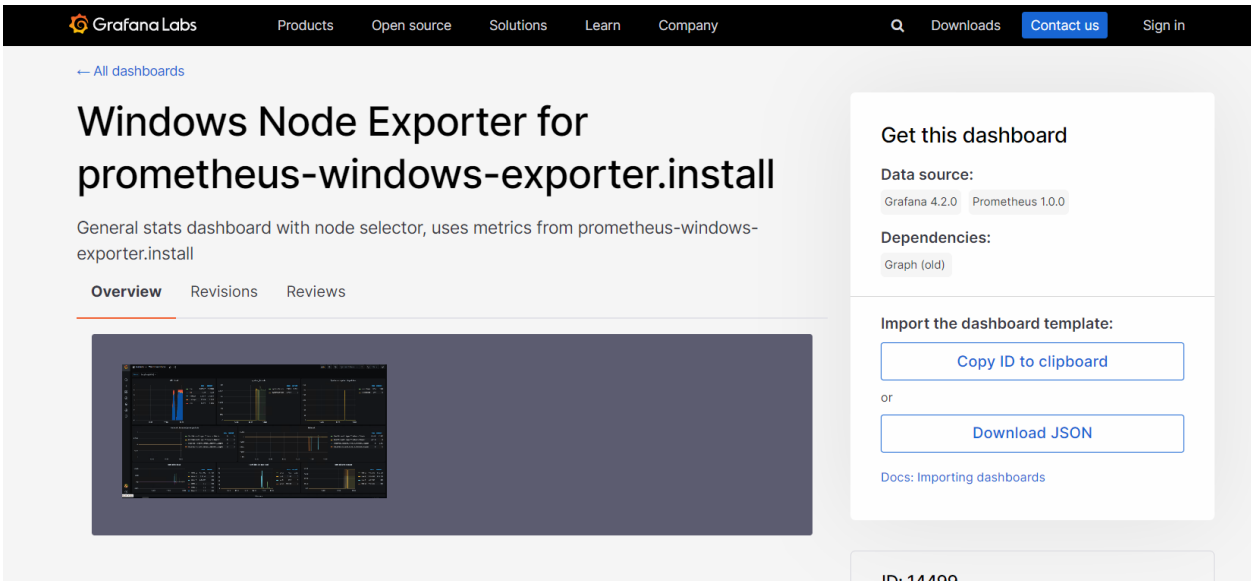
Addint a Node Exporter dashboard



Importing the Dashboard ID



The previous one did not work for my windows machine. Set up another dashboard.



The dashboard is set: