**Monitor and create a dashboard of machine metrics like cpu , ram etc**

1. Navigate to the terminal of the prometheus machine on the Ubuntu system and execute the following command to download Node Exporter:

**sudo wget** [**https://github.com/prometheus/node\_exporter/releases/download/v1.8.2/node\_exporter-1.8.2.linux-amd64.tar.gz**](https://github.com/prometheus/node_exporter/releases/download/v1.8.2/node_exporter-1.8.2.linux-amd64.tar.gz)



1. Run the following command to extract the downloaded Node Exporter package:

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

**3 . Lets create a new folder with name node\_exporter and copy contet of node\_exporter-1.8.2.linux-arm64 to that folder to make things easy**

sudo rm node\_exporter-1.8.2.linux-**amd64**.tar.gz

sudo mkdir node\_exporter

sudo mv node\_exporter-\*.linux-**amd64**/\* ./node\_exporter

**4.** Execute the following commands to change the directory and start the node\_exporter in the background, redirecting output to **/dev/null**:

**cd node\_exporter**

**sudo ./node\_exporter > /dev/null 2>&1 &**

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**5.** Verify that Node Exporter is running by fetching its metrics with the following command:  
**curl http://localhost:9100/metrics**

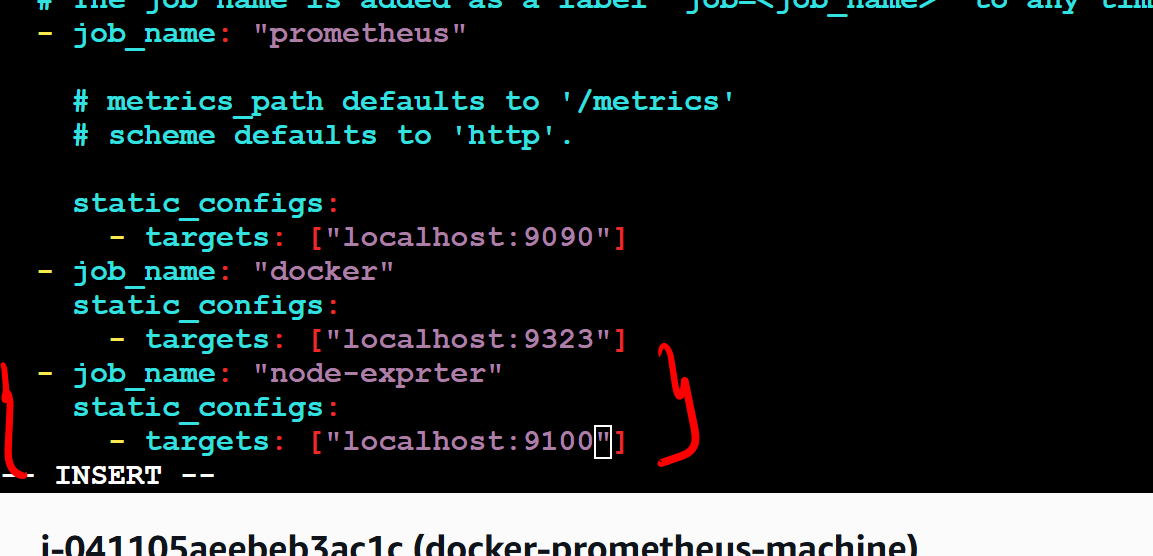
**6. we will now go to prometheus directory and in yaml file we will update target as 9100 port**

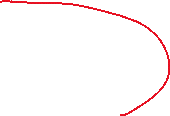
**cd ..**

**cd prometheus-2.34.0.linux-amd64**

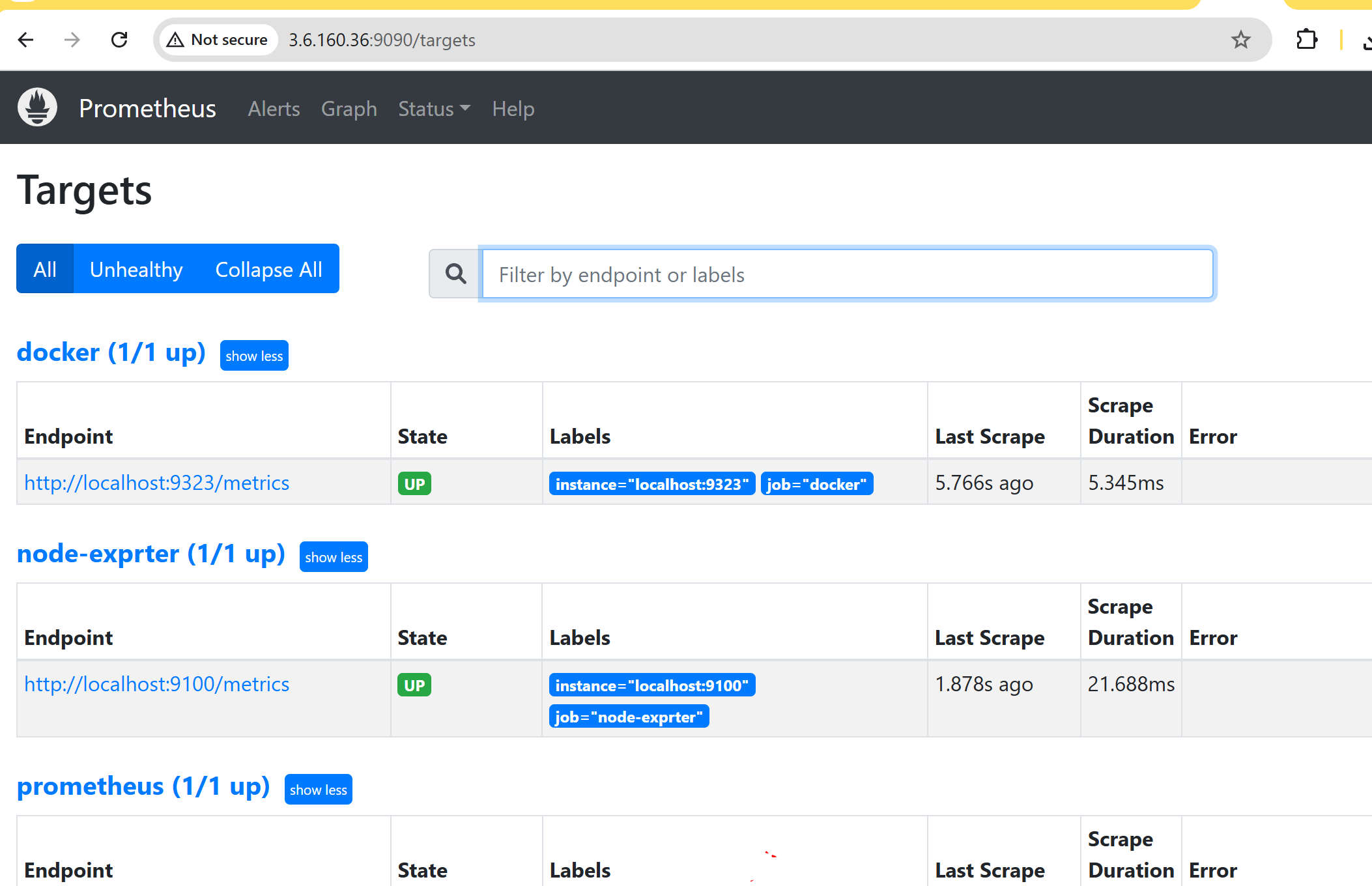
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**vi prometheus.yml**

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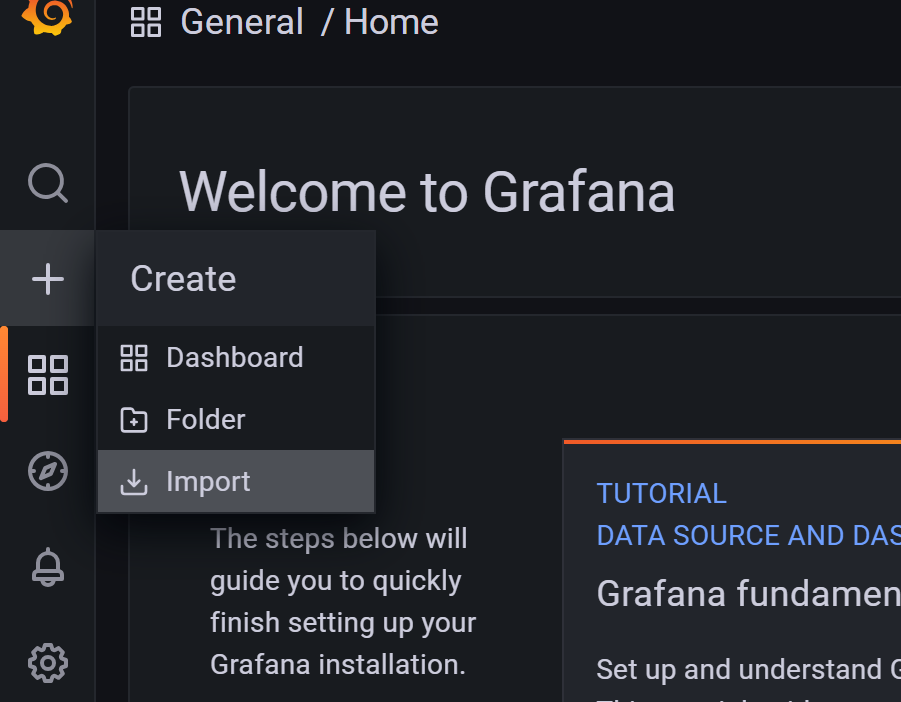


**./prometheus**

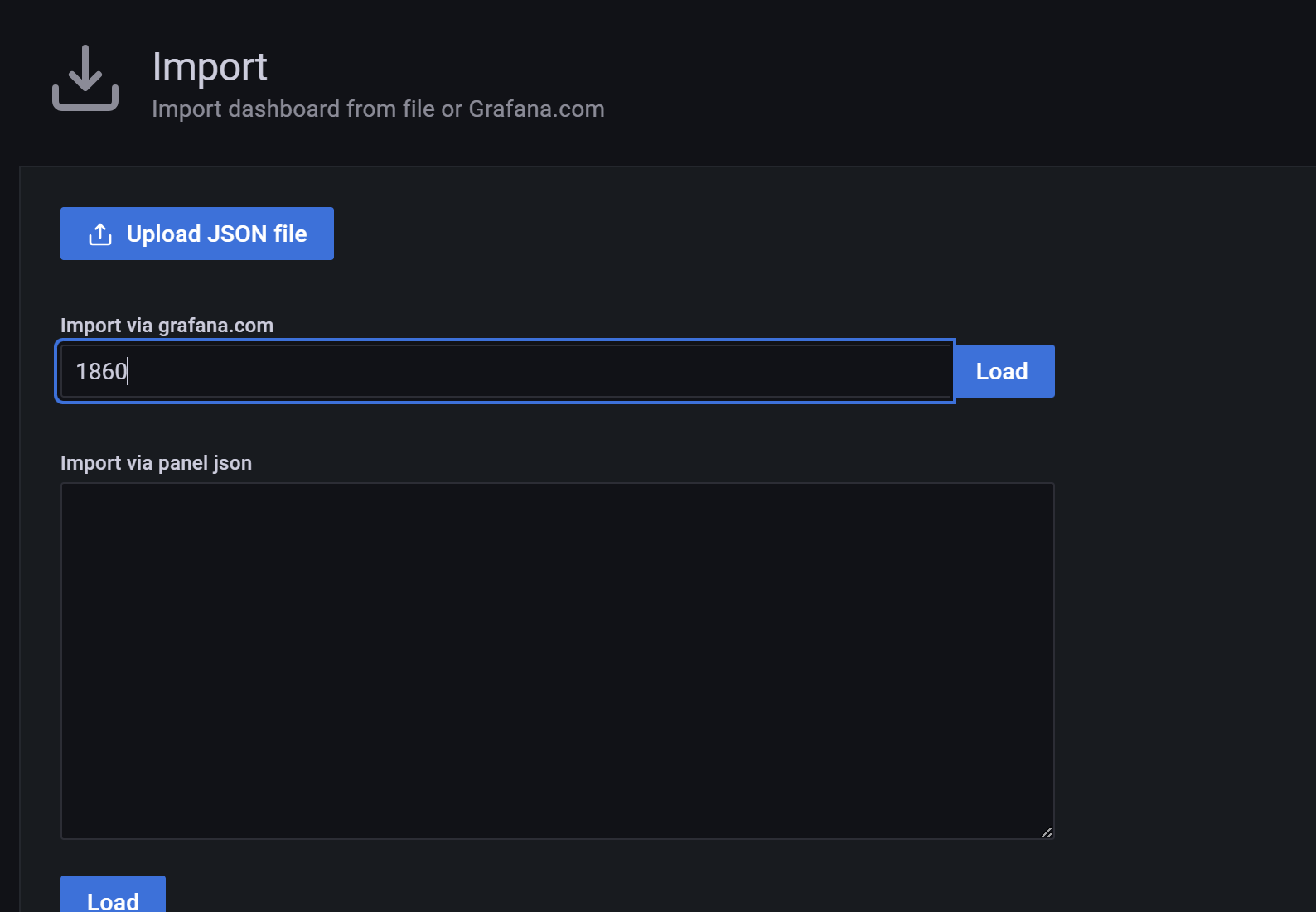
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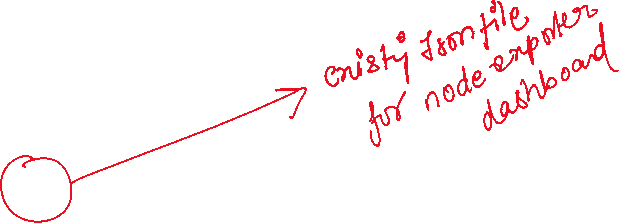
**# lets create a dashboard in Grafana….**

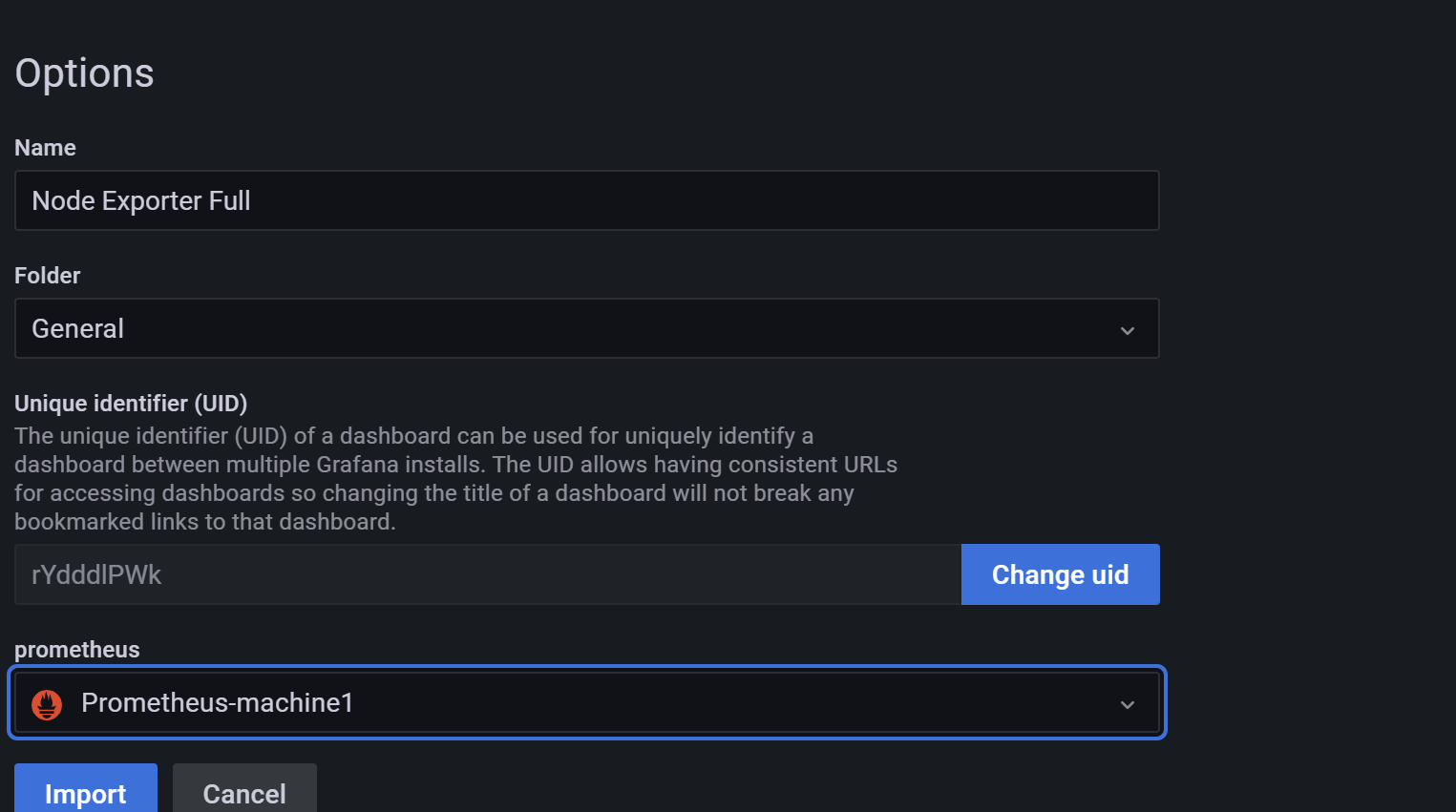
**There is a dashboard by default for node in grafana we can directly import**

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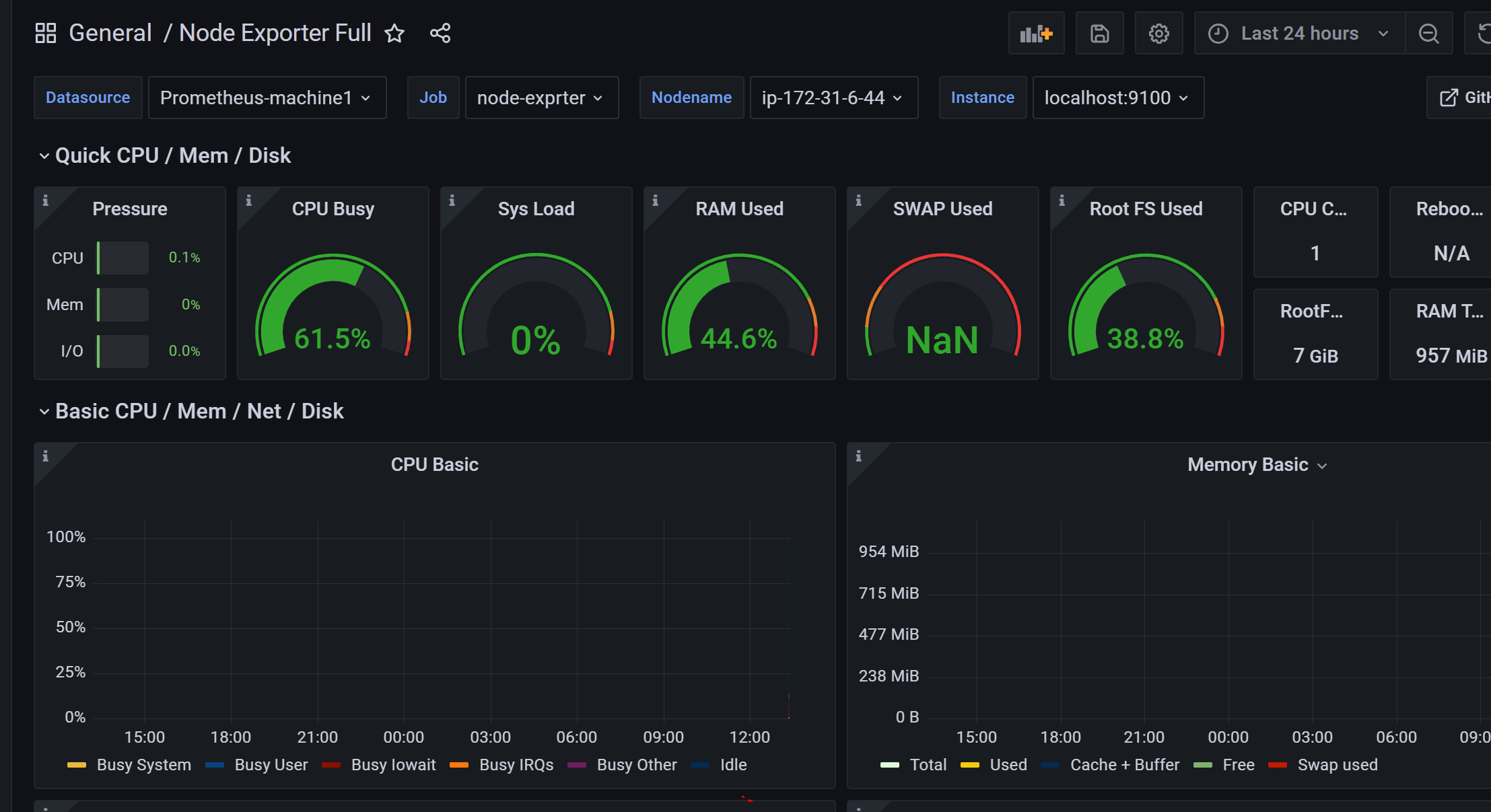


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