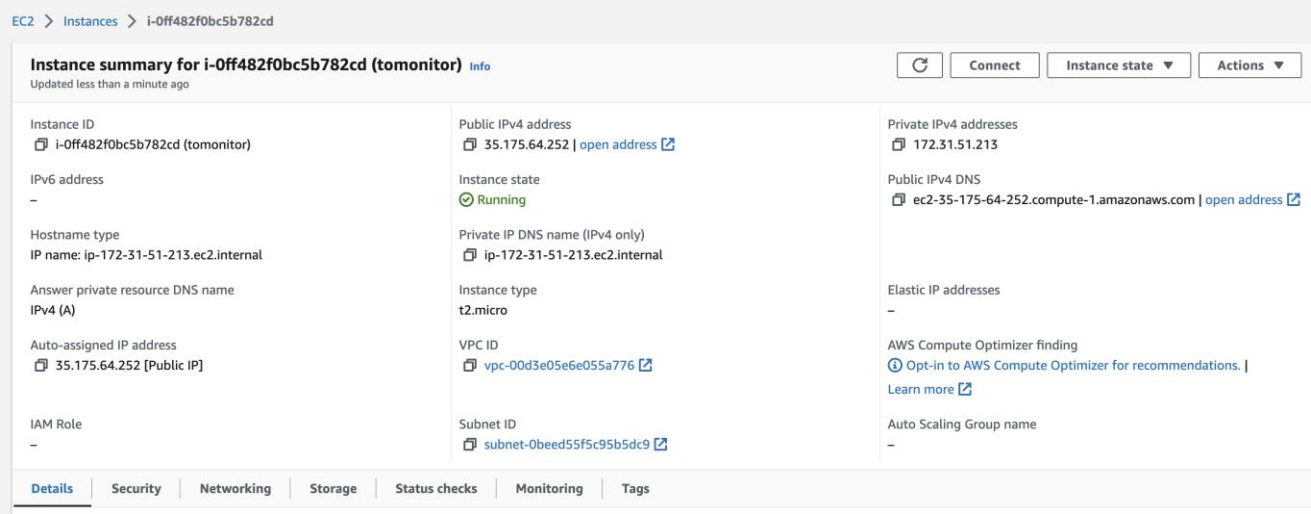
Monitor EC2 instance



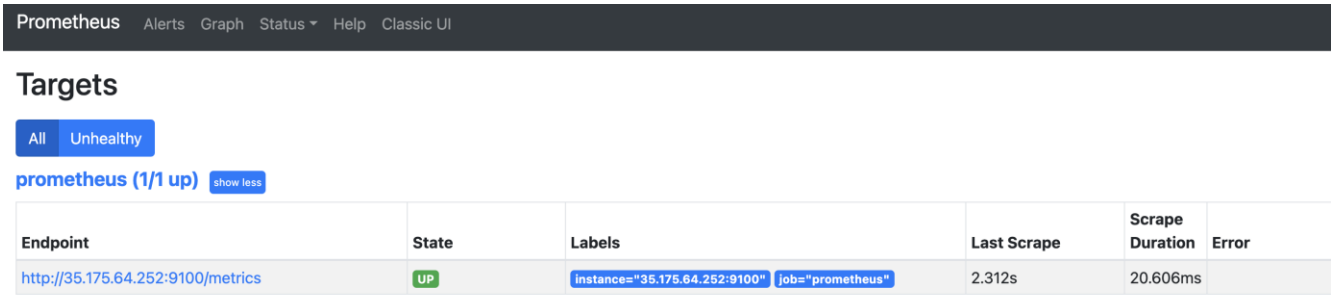

Adding this IP address as the node we will monitor with Prometheus and its port.

NOTE: We could also use Service Discovery in order for us not to have to hardcode as much and change the configuration for each node address and detail, this in the case of having a bigger infrastructure.

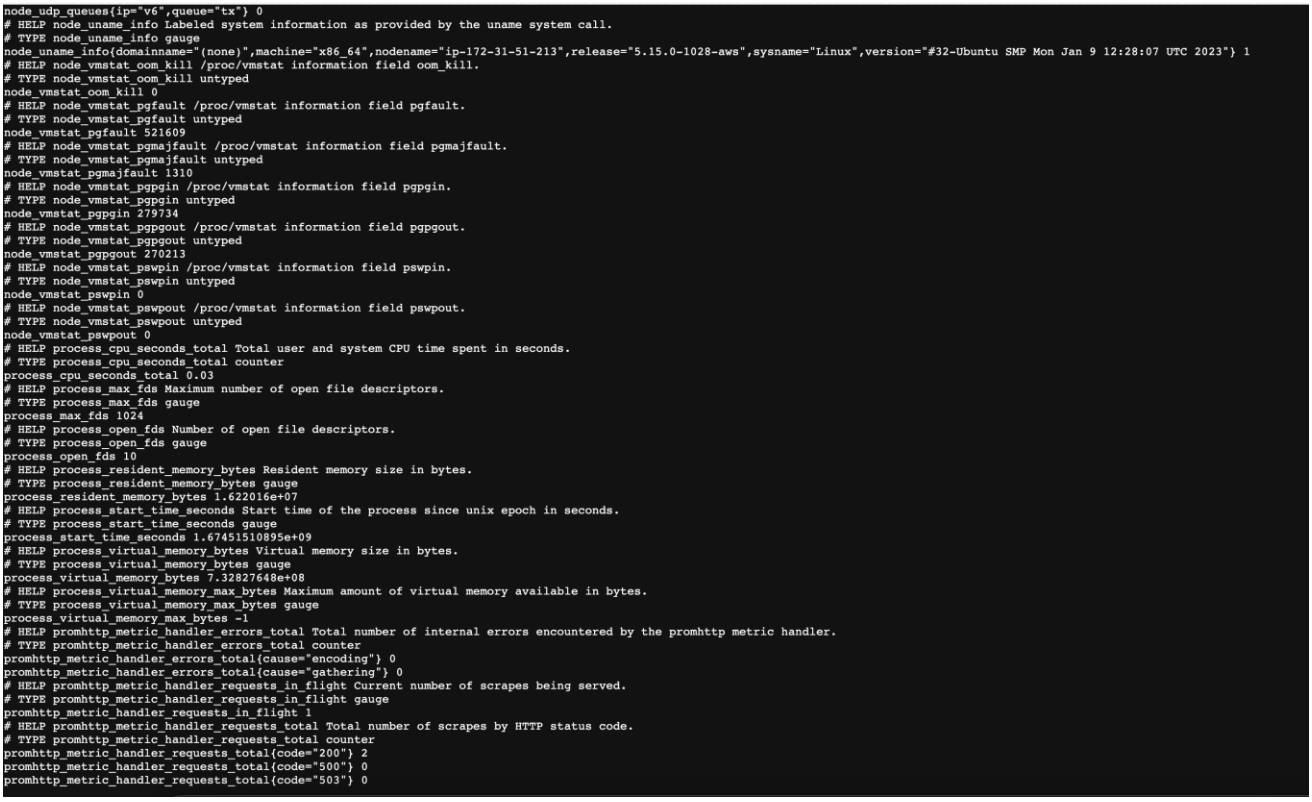
```
global:
  scrape_interval: 15s
  external_labels:
    monitor: 'prometheus'

scrape_configs:
  - job_name: 'prometheus'
    static_configs:
      - targets: ['35.175.64.252:9100']
```

Checking the Prometheus dashboard looking for correct endpoint.




Checking metrics from the instance.



```
node_udp_queues{ip="v6",queue="tx"} 0
# HELP node_uname_info Labeled system information as provided by the uname system call.
# TYPE node_uname_info gauge
node_uname_info{domainname="(none)",machine="x86_64",nodename="ip-172-31-51-213",release="5.15.0-1028-aws",sysname="Linux",version="#32-Ubuntu SMP Mon Jan 9 12:28:07 UTC 2023"} 1
# HELP node_vmstat_oom_kill /proc/vmstat information field oom_kill.
# TYPE node_vmstat_oom_kill untyped
node_vmstat_oom_kill 0
# HELP node_vmstat_pgfault /proc/vmstat information field pgfault.
# TYPE node_vmstat_pgfault untyped
node_vmstat_pgfault 521609
# HELP node_vmstat_pgmajfault /proc/vmstat information field pgmajfault.
# TYPE node_vmstat_pgmajfault untyped
node_vmstat_pgmajfault 1310
# HELP node_vmstat_pgpgin /proc/vmstat information field pgpgin.
# TYPE node_vmstat_pgpgin untyped
node_vmstat_pgpgin 279734
# HELP node_vmstat_pgpgout /proc/vmstat information field pgpgout.
# TYPE node_vmstat_pgpgout untyped
node_vmstat_pgpgout 270213
# HELP node_vmstat_pswpin /proc/vmstat information field pswpin.
# TYPE node_vmstat_pswpin untyped
node_vmstat_pswpin 0
# HELP node_vmstat_pswpout /proc/vmstat information field pswpout.
# TYPE node_vmstat_pswpout untyped
node_vmstat_pswpout 0
# HELP process_cpu_seconds_total Total user and system CPU time spent in seconds.
# TYPE process_cpu_seconds_total counter
process_cpu_seconds_total 0.03
# HELP process_max_fds Maximum number of open file descriptors.
# TYPE process_max_fds gauge
process_max_fds 1024
# HELP process_open_fds Number of open file descriptors.
# TYPE process_open_fds gauge
process_open_fds 10
# HELP process_resident_memory_bytes Resident memory size in bytes.
# TYPE process_resident_memory_bytes gauge
process_resident_memory_bytes 1.622016e+07
# HELP process_start_time_seconds Start time of the process since unix epoch in seconds.
# TYPE process_start_time_seconds gauge
process_start_time_seconds 1.67451510895e+09
# HELP process_virtual_memory_bytes Virtual memory size in bytes.
# TYPE process_virtual_memory_bytes gauge
process_virtual_memory_bytes 7.32827648e+08
# HELP process_virtual_memory_max_bytes Maximum amount of virtual memory available in bytes.
# TYPE process_virtual_memory_max_bytes gauge
process_virtual_memory_max_bytes -1
# HELP promhttp_metric_handler_errors_total Total number of internal errors encountered by the promhttp metric handler.
# TYPE promhttp_metric_handler_errors_total counter
promhttp_metric_handler_errors_total{cause="encoding"} 0
promhttp_metric_handler_errors_total{cause="gathering"} 0
# HELP promhttp_metric_handler_requests_in_flight Current number of scrapes being served.
# TYPE promhttp_metric_handler_requests_in_flight gauge
promhttp_metric_handler_requests_in_flight 1
# HELP promhttp_metric_handler_requests_total Total number of scrapes by HTTP status code.
# TYPE promhttp_metric_handler_requests_total counter
promhttp_metric_handler_requests_total{code="200"} 2
promhttp_metric_handler_requests_total{code="500"} 0
promhttp_metric_handler_requests_total{code="503"} 0
```

Checking data with Grafana.