

The screenshot shows the AWS EC2 Instances page. The left sidebar is collapsed. The main table lists five instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
target-linux-2	i-02237e71c102ecf0f	Running	t2.small	2/2 checks passed	No alarms
prometheus	i-08ac637d1668efaae	Running	t2.small	2/2 checks passed	No alarms
target-linux-1	i-0d4858a899836f7d9	Running	t2.micro	2/2 checks passed	No alarms
docker for pro...	i-0f108efbe33ae7f6	Running	t2.small	2/2 checks passed	No alarms

A modal window titled "Select an instance" is open at the bottom, listing the same five instances.

The screenshot shows the AWS EC2 Instances page with the "prometheus" instance selected. The left sidebar is collapsed. The main table shows the selected instance with a checked checkbox.

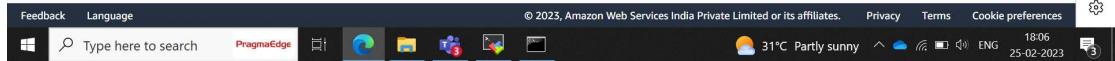
Name	Instance ID	Instance state	Instance type	Status check	Alarm status
target-linux-2	i-02237e71c102ecf0f	Running	t2.small	2/2 checks passed	No alarms
<input checked="" type="checkbox"/> prometheus	i-08ac637d1668efaae	Running	t2.small	2/2 checks passed	No alarms
target-linux-1	i-0d4858a899836f7d9	Running	t2.micro	2/2 checks passed	No alarms
docker for pro...	i-0f108efbe33ae7f6	Running	t2.small	2/2 checks passed	No alarms

A detailed view for the selected instance "i-08ac637d1668efaae (prometheus)" is shown below, with tabs for Details, Security, Networking, Storage, Status checks, Monitoring, and Tags. The Details tab is active.

```
ts=2023-02-25T12:23:46.917Z caller=notifier.go:608 level=info component=notifier msg="Stopping notification manager..."  
ts=2023-02-25T12:23:46.917Z caller=main.go:123 level=info msg="Notifier manager stopped"  
ts=2023-02-25T12:23:46.917Z caller=main.go:135 level=info msg="See you next time!"  
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# ./prometheus &  
[1] 3707  
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# ts=2023-02-25T12:23:51.668Z caller=main.go:512 level=info msg="No time or size retention was set so using the default time retention" duration=15d  
ts=2023-02-25T12:23:51.668Z caller=main.go:556 level=info msg="Starting Prometheus Server" mode=server version="(version=2.40.6, branch=HEAD, revision=e1506e7be89efcc346851bf6bd2b024b70fb7cb1)"  
ts=2023-02-25T12:23:51.668Z caller=main.go:561 level=info build_context="(go=go1.19.4, user=root@f4224a878a14, date=20221209-12:48:27)"  
ts=2023-02-25T12:23:51.668Z caller=main.go:562 level=info host_details="(Linux 5.10.147-133.644.amzn2.x86_64 #1 SMP Fri Oct 14 01:16:24 UTC 2022 x86_64 ip-172-31-38-208.ap-south-1.compute.internal (none))"  
ts=2023-02-25T12:23:51.668Z caller=main.go:563 level=info fd limits="(soft=65535, hard=65535)"  
ts=2023-02-25T12:23:51.668Z caller=main.go:564 level=info vms limits="(soft=unlimited, hard=unlimited)"  
ts=2023-02-25T12:23:51.670Z caller=web.go:559 level=info component=web msg="Start listening for connections" address=0.0.0.0:9090  
ts=2023-02-25T12:23:51.671Z caller=main.go:993 level=info msg="Starting TSDB ..."  
ts=2023-02-25T12:23:51.671Z caller=repair.go:56 level=info component=tsdb msg="Found healthy block" mint=1670853909833 maxt=1670860800000 uid=01GM5B1RV66GWWHClCYRSV87DY  
ts=2023-02-25T12:23:51.671Z caller=repair.go:56 level=info component=tsdb msg="Found healthy block" mint=1670932824834 maxt=1670940000000 uid=01GM7M1G1N134V8QSAYNW2HBYM  
ts=2023-02-25T12:23:51.671Z caller=repair.go:56 level=info component=tsdb msg="Found healthy block" mint=1670998179833 maxt=1671004800000 uid=
```

i-08ac637d1668efae (prometheus)

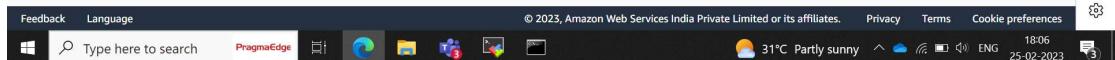
PublicIPs: 65.2.179.36 PrivateIPs: 172.31.38.208



```
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# netstat -tnlp  
Active Internet connections (only servers)  
Proto Recv-Q Local Address           Foreign Address         State      PID/Program name  
tcp    0      0.0.0.0:22              0.0.0.0:*              LISTEN     3073/sshd  
tcp    0      0.127.0.0.1:25          0.0.0.0:*              LISTEN     3036/master  
tcp    0      0.0.0.0:111             0.0.0.0:*              LISTEN     2599/rpcbind  
tcp6   0      0 ::1:22               ::*:*                  LISTEN     3073/sshd  
tcp6   0      0 ::*:9090              ::*:*                  LISTEN     3707././prometheus  
tcp6   0      0 ::1:111              ::*:*                  LISTEN     2599/rpcbind  
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# ts=2023-02-25T12:24:09.862Z caller=compact.go:510 level=info component=tsdb msg="write block resulted in empty block" mint=1671004800000 maxt=1671012000000 duration=21.37065ms  
ts=2023-02-25T12:24:09.864Z caller=head.go:1213 level=info component=tsdb msg="Head GC completed" caller=truncateMemory duration=997.283µs  
ts=2023-02-25T12:24:09.864Z caller=checkpoint.go:100 level=info component=tsdb msg="Creating checkpoint" from_segment=43 to_segment=44 mint=1671012000000  
ts=2023-02-25T12:24:09.879Z caller=head.go:1185 level=info component=tsdb msg="WAL checkpoint complete" first=43 last=44 duration=14.8232ms  
  
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml  
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml  
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP `pgrep prometheus`  
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# ts=2023-02-25T12:28:25.174Z caller=main.go:1197 level=info msg="Loading configuration"
```

i-08ac637d1668efae (prometheus)

PublicIPs: 65.2.179.36 PrivateIPs: 172.31.38.208



```
# metrics_path defaults to '/metrics'
# scheme defaults to 'http'.

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

- job_name: "myallnodestatic"

# metrics_path defaults to '/metrics'
# scheme defaults to 'http'.

file_sd_configs:
  - files:
    - myfiletarget.yml
```

"prometheus.yml" 44L, 1113B 38,1 Bot

i-08ac637d1668efaae (prometheus)

Public IPs: 65.2.179.36 Private IPs: 172.31.38.208

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences USD/INR +0.37% 18:34 ENG 25-02-2023

```
- targets: ["3.6.93.78:9100"]
labels:
  region: "IN"
  team: "team1"
```

"myfiletarget.yml" 4L, 75B 1,27 All

i-08ac637d1668efaae (prometheus)

Public IPs: 65.2.179.36 Private IPs: 172.31.38.208

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences USD/INR +0.37% 18:34 ENG 25-02-2023

```
c:\ Select ec2-user@ip-172-31-36-71:~/node_exporter-1.5.0.linux-amd64
Last login: Tue Dec 13 09:06:45 2022 from 175.101.4.18
[ec2-user@ip-172-31-36-71 ~]$ sudo su -
[root@ip-172-31-36-71 ~]# 1
:bash: 1: command not found
[root@ip-172-31-36-71 ~]# ls
[root@ip-172-31-36-71 ~]# exit
logout
[ec2-user@ip-172-31-36-71 ~]$ ls
node_exporter-1.5.0.linux-amd64 node_exporter-1.5.0.linux-amd64.tar.gz
[ec2-user@ip-172-31-36-71 ~]$ cd node_exporter-1.5.0.linux-amd64
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ ./node_exporter &
[1] 1352
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ ts=2023-02-25T12:26:38.486Z caller=node_exporter.go:180 level=info msg="Starting node_exporter" version="(version 1.5.0, branch=HEAD, revision=1b48970ffccf563654fb0b00867d73c66d1959)"
ts=2023-02-25T12:26:38.486Z caller=node_exporter.go:181 level=info msg="Build context" build_context="(go=go1.19.3, user=root@6e732a7b81b, date=20221129-18:59:09)"
ts=2023-02-25T12:26:38.487Z caller=diskstats_common.go:111 level=info collector=diskstats msg="Parsed flag --collector.diskstats.device-exclude" flag=~(^ram|loop|fd|(h|s|v|x|v)[da-z]|nvme|dn|dp)\)+$"
ts=2023-02-25T12:26:38.487Z caller=filesystem_common.go:111 level=info collector=filesystem msg="Parsed flag --collector.filesystem.mount-points-exclude" flag=~(^dev|proc|run|credentials|.+|sys|var|lib|docker|.+|var|lib|containers|storage|+)\)+$"
ts=2023-02-25T12:26:38.488Z caller=filesystem_common.go:113 level=info collector=filesystem msg="Parsed flag --collector.filesystem.fs-types-exclude" flag=~(^autofs|binfmt_msc|bpfl|cgroup2|config|debugfs|devtmpfs|fusect|hugetlbfs|iso9660|mqueue|nsfs|overlay|proc|procfs|pstree|rpc_pipes|securityfs|selinuxfs|squashfs|sysfs|tracefs)$"
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:111 level=info msg="Enabled collectors"
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=arp
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=bcache
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=bonding
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=btrfs
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=conntrack
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=cpu
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=cpufreq
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=diskstats
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=dmi
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=edac
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=entropy
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=fibrechannel
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=filesystem
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=human
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=infiniband
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=ipvs
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=loadavg
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=mdadm
```

```
c:\ Select ec2-user@ip-172-31-36-71:~/node_exporter-1.5.0.linux-amd64
Last login: Tue Dec 13 09:06:45 2022 from 175.101.4.18
[ec2-user@ip-172-31-36-71 ~]$ sudo su -
[root@ip-172-31-36-71 ~]# 1
:bash: 1: command not found
[root@ip-172-31-36-71 ~]# ls
[root@ip-172-31-36-71 ~]# exit
logout
[ec2-user@ip-172-31-36-71 ~]$ ls
node_exporter-1.5.0.linux-amd64 node_exporter-1.5.0.linux-amd64.tar.gz
[ec2-user@ip-172-31-36-71 ~]$ cd node_exporter-1.5.0.linux-amd64
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ ./node_exporter &
[1] 1352
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ ts=2023-02-25T12:26:38.486Z caller=node_exporter.go:180 level=info msg="Starting node_exporter" version="(version 1.5.0, branch=HEAD, revision=1b48970ffccf563654fb0b00867d73c66d1959)"
ts=2023-02-25T12:26:38.486Z caller=node_exporter.go:181 level=info msg="Build context" build_context="(go=go1.19.3, user=root@6e732a7b81b, date=20221129-18:59:09)"
ts=2023-02-25T12:26:38.487Z caller=diskstats_common.go:111 level=info collector=diskstats msg="Parsed flag --collector.diskstats.device-exclude" flag=~(^ram|loop|fd|(h|s|v|x|v)[da-z]|nvme|dn|dp)\)+$"
ts=2023-02-25T12:26:38.487Z caller=filesystem_common.go:111 level=info collector=filesystem msg="Parsed flag --collector.filesystem.mount-points-exclude" flag=~(^dev|proc|run|credentials|.+|sys|var|lib|docker|.+|var|lib|containers|storage|+)\)+$"
ts=2023-02-25T12:26:38.488Z caller=filesystem_common.go:113 level=info collector=filesystem msg="Parsed flag --collector.filesystem.fs-types-exclude" flag=~(^autofs|binfmt_msc|bpfl|cgroup2|config|debugfs|devtmpfs|fusect|hugetlbfs|iso9660|mqueue|nsfs|overlay|proc|procfs|pstree|rpc_pipes|securityfs|selinuxfs|squashfs|sysfs|tracefs)$"
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:111 level=info msg="Enabled collectors"
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=arp
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=bcache
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=bonding
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=btrfs
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=conntrack
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=cpu
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=cpufreq
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=diskstats
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=dmi
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=edac
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=entropy
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=fibrechannel
ts=2023-02-25T12:26:38.489Z caller=node_exporter.go:117 level=info collector=filesystem
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=human
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=infiniband
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=ipvs
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=loadavg
ts=2023-02-25T12:26:38.490Z caller=node_exporter.go:117 level=info collector=mdadm
```

```

[ec2-user@ip-172-31-36-71:~/node_exporter-1.5.0.linux-amd64]
ts=2023-02-25T12:26:38.491Z caller=node_exporter.go:117 level=info collector=time
ts=2023-02-25T12:26:38.491Z caller=node_exporter.go:117 level=info collector=timex
ts=2023-02-25T12:26:38.491Z caller=node_exporter.go:117 level=info collector=udp_queues
ts=2023-02-25T12:26:38.491Z caller=node_exporter.go:117 level=info collector=uname
ts=2023-02-25T12:26:38.491Z caller=node_exporter.go:117 level=info collector=vmsstat
ts=2023-02-25T12:26:38.491Z caller=node_exporter.go:117 level=info collector=xfs
ts=2023-02-25T12:26:38.491Z caller=node_exporter.go:117 level=info collector=zfs
ts=2023-02-25T12:26:38.492Z caller=tls config.go:232 level=info msg="listening on" address=[::]:9100
ts=2023-02-25T12:26:38.492Z caller=tls config.go:235 level=info msg="TLS is disabled." http2=false address=[::]:9100
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ netstat -tnlp
(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State      PID/Program name
tcp        0      0 0.0.0.0:22              0.0.0.0:*               LISTEN     -
tcp6       0      0 ::1:22                 ::*:*                  LISTEN     -
tcp6       0      0 ::1:9100                ::*:*                  LISTEN     1352/.node_exporter
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ 

```

Windows Taskbar:

Prometheus Targets page:

## Targets

All Unhealthy Collapse All

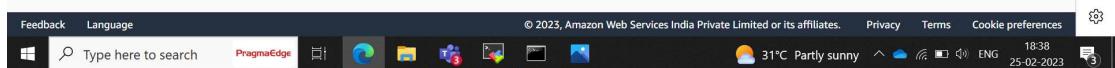
**myallnodestatic (1/1 up)**

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://3.6.93.78:9100/metrics	UP	instance="3.6.93.78:9100", job="myallnodestatic", region="IN", team="team1"	1m 27s ago	13.773ms	

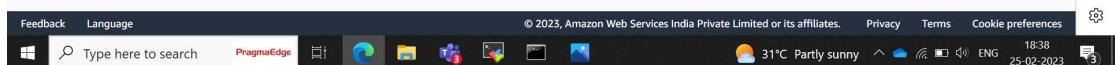
**prometheus (1/1 up)**

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost:9090/metrics	UP	instance="localhost:9090", job="prometheus"	1m 25s ago	7.829ms	

```
aws Services Search [Alt+S] Mumbai The Eshwar Kanna ...  
https://ubuntu.com/aws/pro  
3 updates can be applied immediately.  
To see these additional updates run: apt list --upgradable  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
Last login: Thu Jan  5 17:16:50 2023 from 13.233.177.5  
ubuntu@ip-172-31-37-22:~$ systemctl status docker  
● docker.service - Docker Application Container Engine  
  Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)  
  Active: active (running) since Sat 2023-02-25 12:22:08 UTC; 44min ago  
TriggeredBy: ● docker.socket  
    Docs: https://docs.docker.com  
      Main PID: 737 (dockerd)  
        Tasks: 10  
       Memory: 89.9M  
         CPU: 745ms  
        CGrou...  
  
i-0f108efbe333ae7f6 (docker for prom-3)  
PublicIPs: 13.232.126.197 PrivateIPs: 172.31.37.22
```



```
aws Services Search [Alt+S] Mumbai The Eshwar Kanna ...  
Feb 25 12:22:06 ip-172-31-37-22 dockerd[737]: time="2023-02-25T12:22:06.251597055Z" level=info msg="ClientConn switching balancer to \"pick...  
Feb 25 12:22:06 ip-172-31-37-22 dockerd[737]: time="2023-02-25T12:22:06.390622312Z" level=info msg="(graphdriver) using prior storage drive...  
Feb 25 12:22:06 ip-172-31-37-22 dockerd[737]: time="2023-02-25T12:22:06.698672355Z" level=info msg="Loading containers: start."  
Feb 25 12:22:07 ip-172-31-37-22 dockerd[737]: time="2023-02-25T12:22:07.866179120Z" level=info msg="Default bridge (docker0) is assigned wi...  
Feb 25 12:22:08 ip-172-31-37-22 dockerd[737]: time="2023-02-25T12:22:08.112879431Z" level=info msg="Loading containers: done."  
Feb 25 12:22:08 ip-172-31-37-22 dockerd[737]: time="2023-02-25T12:22:08.641141233Z" level=info msg="Docker daemon" commit=3056208 graphdriv...  
Feb 25 12:22:08 ip-172-31-37-22 dockerd[737]: time="2023-02-25T12:22:08.657071069Z" level=info msg="metrics API listening on [::]:19323"  
Feb 25 12:22:08 ip-172-31-37-22 dockerd[737]: time="2023-02-25T12:22:08.657151881Z" level=info msg="Daemon has completed initialization"  
Feb 25 12:22:08 ip-172-31-37-22 systemd[1]: Started Docker Application Container Engine.  
lines 2~21  
  
ubuntu@ip-172-31-37-22:~$ netstat -tnlp  
(Not all processes could be identified, non-owned process info  
will not be shown, you would have to be root to see it all.)  
Active Internet connections (only servers)  
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name  
tcp        0      0 0.0.0.0:22                0.0.0.0:*              LISTEN      -  
tcp        0      0 127.0.0.53:53             0.0.0.0:*              LISTEN      -  
tcp6       0      0 :::22                  :::*                  LISTEN      -  
tcp6       0      0 ::ffff:9323             ::*                  LISTEN      -  
ubuntu@ip-172-31-37-22:~$
```



```
targets: ["3.6.93.78:9100"]
labels:
  region: "IN"
  team: "team1"

targets: ["13.232.126.197:9323"]
labels:
  region: "IN"
  team: "dooker"

myfiletarget.yml 10L, 156B
10,18 All

i-08ac637d1668efae (prometheus)
PublicIPs: 65.2.179.36 PrivateIPs: 172.31.38.208

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences
Type here to search PragmaEdge 31°C Partly sunny 18:41 25-02-2023

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-08ac637d1668efae
Last login: Sat Feb 25 12:22:34 2023 from ec2-13-233-177-5.ap-south-1.compute.amazonaws.com
[ec2-user@ip-172-31-38-208 ~]# ls
[ec2-user@ip-172-31-38-208 ~]# cd prometheus-2.40.6.linux-amd64/
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP pgrep prometheus
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP pgrep prometheus

i-08ac637d1668efae (prometheus)
PublicIPs: 65.2.179.36 PrivateIPs: 172.31.38.208

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences
Type here to search PragmaEdge 29°C Partly cloudy 18:41 25-02-2023
```



```

targets: ["3.6.93.78:9100"]
labels:
  region: "IN"
  team: "team1"
  env: "qa"

targets: ["13.232.126.197:9323"]
labels:
  region: "IN"
  team: "docker"
  env: "qa"

targets: ["65.0.74.7:9100"]
labels:
  region: "IN"
  team: "team2"
  env: "dev"

~"myfiletarget.yml" 19L, 285B

```

i-08ac637d1668efaae (prometheus)  
Public IPs: 65.2.179.36 Private IPs: 172.31.38.208

```

Last login: Sat Feb 25 12:22:34 2023 from ec2-13-233-177-5.ap-south-1.compute.amazonaws.com
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
Last login: Sat Feb 25 12:22:42 UTC 2023 on pts/0
[ec2-user@ip-172-31-38-208 ~]# cd /etc/prometheus/
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ vim prometheus.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ vim myfiletarget.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ vim myfiletarget.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ kill -HUP `pgrep prometheus`
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ vim myfiletarget.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ vim myfiletarget.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ kill -HUP `pgrep prometheus`
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ vim myfiletarget.yml
[ec2-user@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]$ kill -HUP `pgrep prometheus`
```

i-08ac637d1668efaae (prometheus)  
Public IPs: 65.2.179.36 Private IPs: 172.31.38.208

Screenshot of a web browser showing the Prometheus Targets page and AWS CloudWatch Metrics configuration.

**Prometheus Targets Page:**

- The URL is `65.2.179.36:9090/targets?search=`.
- The page title is "Targets".
- Filter bar: "All" (selected), "Unhealthy", "Collapse All", "Filter by endpoint or labels".
- Table header: "Endpoint", "State", "Labels", "Last Scrape", "Scrape Duration", "Error".
- myallnodestatic (3/3 up)** (show less):
 

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<code>http://3.6.93.78:9100/metrics</code>	UP	<code>env="qa" instance="3.6.93.78:9100" job="myallnodestatic" region="IN" team="team1"</code>	1m 26s ago	17.739ms	
<code>http://13.232.126.197:9323/metrics</code>	UP	<code>env="qa" instance="13.232.126.197:9323" job="myallnodestatic" region="IN" team="docker"</code>	1m 21s ago	6.582ms	
<code>http://65.0.74.77:9100/metrics</code>	UP	<code>env="dev" instance="65.0.74.77:9100" job="myallnodestatic" region="IN" team="team2"</code>	1m 28s ago	29.244ms	
- prometheus (1/1 up)** (show less)

**AWS CloudWatch Metrics Configuration (Screenshot 2):**

- The URL is `https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-08ac637d1668efae...`.
- The page title is "Prometheus Targets" (highlighted).
- Search bar: "Search".
- Code editor content (highlighted):
 

```

aws
  Services
    Search [Alt+S]

  - targets: ["localhost:9090"]
  - job_name: "myallnodestatic"
    # metrics_path defaults to '/metrics'
    # scheme defaults to 'http'.
    file_sd_configs:
      - files:
        - myfiletarget.yml
    relabel_configs:
      - source_labels: [env]
        regex: "qa"
        replacement: "qateam"
        target_label: env
  
```
- File details: "prometheus.yml" 48L, 1238B.
- Instance details: i-08ac637d1668efae (prometheus)
- Network details: Public IPs: 65.2.179.36 Private IPs: 172.31.38.208

**AWS CloudWatch Metrics Configuration (Screenshot 3):**

- The URL is `https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-08ac637d1668efae...`.
- The page title is "Prometheus Targets" (highlighted).
- Search bar: "Search".
- Code editor content (highlighted):
 

```

Feedback Language
  Type here to search PragmaEdge
  © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences
  29°C Partly cloudy 18:50 25-02-2023
  
```

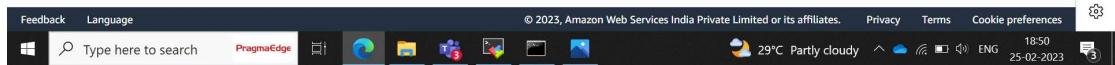
```

https://aws.amazon.com/amazon-linux-2/
37 package(s) needed for security, out of 58 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-38-208 ~]# cd prometheus-2.40.6.linux-amd64/
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP pgrep prometheus
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP pgrep prometheus
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP pgrep prometheus
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim myfiletarget.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP pgrep prometheus
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP pgrep prometheus

```

i-08ac637d1668efae (prometheus)

PublicIPs: 65.2.179.36 PrivateIPs: 172.31.38.208



**myallnodestatic (3/3 up)**

Endpoint	State	Labels
http://65.0.74.77:9100/metrics	UP	env="dev", instance="65.0.74.77:9100", job="myallnodestatic", region="IN", team="team2"
http://3.693.78:9100/metrics	UP	env="qateam", instance="3.693.78:9100", job="myallnodestatic", region="IN", team="team1"
http://13.232.126.197:9323/metrics	UP	env="qateam", instance="13.232.126.197:9323", job="myallnodestatic", region="IN", team="docker"

**Before relabeling:**

```

__address__="3.6.93.78:9100" Errno=0
__meta_filepath__="myfiletarget.yml"
__metrics_path__="/metrics"
__scheme__="http"
__scrape_interval__="15s"
__scrape_timeout__="10s"
env="qateam"
job="myallnodestatic"
region="IN"
team="team1"

```

**prometheus (1/1 up)**

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://172.31.38.208:9090/metrics	UP	env="qateam", instance="172.31.38.208:9090", job="prometheus", region="IN", team="team1"	2023-02-25T12:22:42Z	0.007ms	

Screenshot of a browser window showing the AWS CloudWatch Metrics configuration for a Prometheus instance.

```

# metrics_path defaults to '/metrics'
# scheme defaults to 'http'.

file_sd_configs:
  - files:
    - myfiletarget.yml

relabel_configs:
  - source_labels: [env]
    regex: "qa"
    replacement: "qateam"
    target_label: env

- job_name: "myec2"
  ec2_sd_configs:
    - region: ap-south-1
      access_key: AKIAJXAMZVKR3L6NVRWX5R
      secret_key: bagNtP0Hf1AgBAfCYB5+qtNxdu/SidWpnG7vL6H

"prometheus.yml" 52L, 1409B

```

i-08ac637d1668efaae (prometheus)

Public IPs: 65.2.179.36 Private IPs: 172.31.38.208

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences 22°C Partly cloudy ENG 25-02-2023

Screenshot of a browser window showing the AWS CloudWatch Metrics log for a Prometheus instance.

```

ion was set so using the default time retention" duration=15d
ts=2023-02-25T16:21:23.098Z caller=main.go:556 level=info msg="Starting Prometheus Server" mode=server version="(version=2.40.6, branch=HEAD , revision=e150667be09e4ce346851bf6bd2b024b70fb/cb1)"
ts=2023-02-25T16:21:23.098Z caller=main.go:561 level=info build_context="(go=gol.19.4, user=root@f4224a878a14, date=20221209-12:48:27)"
ts=2023-02-25T16:21:23.098Z caller=main.go:562 level=info host details="(Linux 5.10.147-133.644.amzn2.x86_64 #1 SMP Fri Oct 14 01:16:24 UTC 2022 x86_64 ip-172-31-38-208.ap-south-1.compute.internal (none))"
ts=2023-02-25T16:21:23.098Z caller=main.go:563 level=info fd limits="(soft=65535, hard=65535)"
ts=2023-02-25T16:21:23.098Z caller=main.go:564 level=info vm limits="(soft=unlimited, hard=unlimited)"
ts=2023-02-25T16:21:23.100Z caller=web.go:559 level=info component=web msg="Start listening for connections" address=0.0.0.0:9090
ts=2023-02-25T16:21:23.101Z caller=main.go:807 level=error msg="Unable to start web listener" err="listen tcp 0.0.0.0:9090: bind: address already in use"

```

[1]+ Exit 1 ./prometheus

[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP `pgrep prometheus`

[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]#

[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]#

[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim otheraccount.yaml

[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yaml

[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP `pgrep prometheus`

[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yaml

[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP pgrep prometheus

i-08ac637d1668efaae (prometheus)

Public IPs: 65.2.179.36 Private IPs: 172.31.38.208

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences 22°C Partly cloudy ENG 25-02-2023

Screenshot of a web browser showing the Prometheus UI and AWS CloudWatch Metrics.

**Prometheus Targets Overview:**

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://65.0.74.77:9100/metrics	UP	env="dev", instance="65.0.74.77:9100", job="myallnodestatic", region="IN", team="team2"	1m 31s ago	12.628ms	
http://3.6.93.78:9100/metrics	UP	env="qateam", instance="3.6.93.78:9100", job="myallnodestatic", region="IN", team="team1"	1m 27s ago	14.641ms	
http://13.232.126.197:9323/metrics	UP	env="qateam", instance="13.232.126.197:9323", job="myallnodestatic", region="IN", team="docker"	1m 24s ago	3.955ms	

**Metrics Overview:**

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost:9090/metrics	UP	instance="localhost:9090", job="prometheus"	1m 34s ago	5.759ms	

**AWS CloudWatch Metrics Log:**

```

relabel_configs:
- source_labels: [env]
  regex: "qa"
  replacement: "qateam"
  target_label: env

- job_name : "myec2"
  ec2_sd_configs:
  - region: ap-south-1
    access_key: AKIAKXZVKR3L6NVRWX5R
    secret_key: bagNtP0HFTAgBafCYB5+qtINxU/SidWpn6L/vL6H
    port: 9100

  relabel_configs:
  - source_labels: [__meta_ec2_public_ip]
    replacement: '${1}:9100'
    target_label: __address__

```

"prometheus.yml" 58L, 1563B

i-08ac637d1668efaae (prometheus)

Public IPs: 65.2.179.36 Private IPs: 172.31.38.208

Last login: Sat Feb 25 16:20:56 2023 from ec2-13-233-177-5.ap-south-1.compute.amazonaws.com

```

  _\ _ ) 
  _\ \_ |_ 
  _\ \_ |_ 
https://aws.amazon.com/amazon-linux-2/
37 package(s) needed for security, out of 58 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
Last login: Sat Feb 25 16:21:06 UTC 2023 on pts/1
[root@ip-172-31-38-208 ~]# cd prometheus-2.40.6.linux-amd64/
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP `pgrep prometheus`
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP `pgrep prometheus`
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP `pgrep prometheus`
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# kill -HUP `pgrep prometheus`■

```

i-08ac637d1668efae (prometheus)

PublicIPs: 65.2.179.36 PrivateIPs: 172.31.38.208

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences 22:44 25-02-2023

Not secure | 65.2.179.36:9090/targets?search=

### Prometheus

team=docker				
<a href="http://65.0.74.77:9100/metrics">http://65.0.74.77:9100/metrics</a>	UP	env="dev" instance="65.0.74.77:9100" job="myallnodestatic" region="IN" team="team2"	1m 30s ago	14.749ms
<a href="http://3.6.93.78:9100/metrics">http://3.6.93.78:9100/metrics</a>	UP	env="qateam" instance="3.6.93.78:9100" job="myallnodestatic" region="IN" team="team1"	1m 26s ago	14.261ms

### myec2 (1/1 up)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://13.233.112.210:9100/metrics">http://13.233.112.210:9100/metrics</a>	UP	instance="13.233.112.210:9100" job="myec2"	1m 27s ago	17.174ms	

### prometheus (1/1 up)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://localhost:9090/metrics">http://localhost:9090/metrics</a>	UP	instance="localhost:9090" job="prometheus"	1m 33s ago	5.723ms	

Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences 22:44 25-02-2023

Screenshot of the Prometheus UI showing targets. The table lists three endpoints:

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://3.6.93.78:9100/metrics">http://3.6.93.78:9100/metrics</a>	UP	env="qateam" instance="3.6.93.78:9100" job="myallnodestatic" region="IN" team="team1"	1m 28s ago	15.199ms	
<a href="http://13.232.126.197:9323/metrics">http://13.232.126.197:9323/metrics</a>	UP	env="qateam" instance="13.232.126.197:9323" job="myallnodestatic" region="IN" team="docker"	1m 26s ago	3.963ms	
<a href="http://65.0.74.77:9100/metrics">http://65.0.74.77:9100/metrics</a>	DOWN	env="dev" instance="65.0.74.77:9100" job="myallnodestatic" region="IN" team="team2"	1m 33s ago	0.763ms	Get "http://65.0.74.77:9100/metrics": dial tcp 65.0.74.77:9100: connect: connection refused

Below the table, a summary for 'myec2 (1/2 up)' is shown:

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://13.233.112.210:9100/metrics">http://13.233.112.210:9100/metrics</a>	UP	instance="13.233.112.210:9100" job="myec2"	1m 30s ago	13.746ms	
<a href="http://15.206.167.85:9100/metrics">http://15.206.167.85:9100/metrics</a>	DOWN	instance="15.206.167.85:9100"	1m 31s ago	0.727ms	Get "http://15.206.167.85:9100/metrics": dial

Screenshot of the AWS CloudWatch Metrics console showing a log event for a Prometheus configuration file.

```

relabel_configs:
- source_labels: [env]
  regex: "qa"
  replacement: "qateam"
  target_label: env

- source_labels: [team]
  regex: docker
  action: keep

- job_name: "myec2"
  ec2_sd_configs:
  - region: ap-south-1
    access_key: ARIAZXMZVKR3L6NVRWX5R
    secret_key: bagNtP0HFFAgBAfCYB5+qtNXdU/sidWpn6L7vL6H
    port: 9100

  relabel_configs:
  "prometheus.yml" 62L, 1651B
  
```

The log event is identified as 'i-08ac637d1668efaae (prometheus)'. The status bar shows Public IPs: 65.2.179.36 and Private IPs: 172.31.38.208.

Screenshot of the AWS CloudWatch Metrics console showing a log event for a Prometheus configuration file.

```

Feedback Language
© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences
Type here to search PragmaEdge 22°C Partly cloudy 23:06 25-02-2023
  
```

Prometheus

Alerts Graph Status Help

All Unnearmy Collapse All

Filter by endpoint or labels

myallnodestatic (1/1 up)

Endpoint	State	Labels
http://13.232.126.197:9323/metrics	UP	env="qateam" instance="13.232.126.197:9323" job="myallnodestatic" region="IN" team="docker"

Before relabeling: `scrape`

`_address_="13.232.126.197:9323"`  
`_meta_filepath_="myfiltertarget.yml"`  
`_metrics_path_="/metrics"`  
`_scheme_="http"`  
`_scrape_interval_="15s"`  
`_scrape_timeout_="10s"`  
`env="qateam"`  
`job="myallnodestatic"`  
`region="IN"`  
`team="docker"`

myec2 (1/2 up)

Endpoint	State	Labels	Last Scrape	Duration	Error
http://13.233.112.210:9100/metrics	UP	instance="13.233.112.210:9100" job="myec2"	1m 21s ago	15.517ms	
http://15.206.167.85:9100/metrics	DOWN	instance="15.206.167.85:9100" job="myec2"	1m 22s ago	0.812ms	Get "http://15.206.167.85:9100/metrics": dial tcp 15.206.167.85:9100: connect: connection refused

prometheus (1/1 up)

Type here to search

22°C Partly cloudy 23:07 25-02-2023