

The screenshot shows the AWS EC2 Instances page. On the left sidebar, under the 'Instances' section, there is a link to 'Instance Types'. The main content area displays a table of instances. One instance is selected, named 'prometheus' with the ID 'i-08ac637d1668efabee'. The instance state is 'Pending' and the type is 't2.small'. Below the table, a detailed view for the selected instance is shown. The 'Details' tab is active, displaying the instance summary. It includes fields for Instance ID (i-08ac637d1668efabee), Public IPv4 address (13.232.245.135), and Private IPv4 addresses (172.31.38.208). Other tabs available include Security, Networking, Storage, Status checks, Monitoring, and Tags.

The Prometheus monitoring system and time series database. [prometheus/prometheus](https://prometheus.io/)

2.40.6 / 2022-12-09 Release notes				
File name	OS	Arch	Size	SHA256 Checksum
prometheus-2.40.6.darwin-amd64.tar.gz	darwin	amd64	83.94 MiB	a1ee40bc5f6047c0f545f0d9ffcd100fe3b12fa4cf7b55044853a1002432badf
prometheus-2.40.6.linux-amd64.tar.gz	linux	amd64	83.73 MiB	a14b042b2f0f3b1e0251a34fe8a01e8355e0a494c5bb5ea401404eb79556a
prometheus-2.40.6.windows-amd64.zip	windows	amd64	85.58 MiB	51557b02ddc3088c64579364161c8a3454c6a59db98676dc7c3f2158fad88b
2.37.5 / 2022-12-09 LTS Release notes				
File name	OS	Arch	Size	SHA256 Checksum
prometheus-2.37.5.darwin-amd64.tar.gz	darwin	amd64	80.18 MiB	878b5d6e165594415efcaad4673e877ba64e7a69d2095f5fcbc799bae491a78e4264
prometheus-2.37.5.linux-amd64.tar.gz	linux	amd64	80.08 MiB	a5284b23395a440cead8fd287bab6f91203e8765e023418ce452378285d6ce18
prometheus-2.37.5.windows-amd64.zip	windows	amd64	81.64 MiB	2d8bcf79e9398a174855236133a9ffcc00e40b0dcfc210f74135382ca0959a

Connect to instance | EC2 | EC2 Instance Connect | Eshwar-Kanna/AWStrainin | download prometheus for | Download | Prometheus | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-08ac637d1668efaae

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```

Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
[root@ip-172-31-38-208 ~]# wget https://github.com/prometheus/prometheus/releases/download/v2.40.6/prometheus-2.40.6.linux-amd64.tar.gz
--2022-12-12 13:32:46-- https://github.com/prometheus/prometheus/releases/download/v2.40.6/prometheus-2.40.6.linux-amd64.tar.gz
Resolving github.com (github.com)... 20.207.73.82
Connecting to github.com (github.com) | 20.207.73.82|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/6838921/9f5ce9d5-b01d-4bf2-9e7a-62ec81caf7ee?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNUYAX4CSVUEH53A%2F20221212%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20221212T133246Z&X-Amz-Expires=300&X-Amz-Signature=75d9b7cf4a27ece93237a83bafb558bd40f476b470c92ea42ff7e496ff1e2eX-Amz-SignedHeaders=host&actor_id=0&repo_id=6838921&response-content-disposition=attachment%3B%20filename%3Dprometheus-2.40.6.linux-amd64.tar.gz&response-content-type=application/x-tar
--2022-12-12 13:32:46-- https://objects.githubusercontent.com/github-production-release-asset-2e65be/6838921/9f5ce9d5-b01d-4bf2-9e7a-62ec81caf7ee?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNUYAX4CSVUEH53A%2F20221212%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20221212T133246Z&X-Amz-Expires=300&X-Amz-Signature=75d9b7cf4a27ece93237a83bafb558bd40f476b470c92ea42ff7e496ff1e2eX-Amz-SignedHeaders=host&actor_id=0&repo_id=6838921&response-content-disposition=attachment%3B%20filename%3Dprometheus-2.40.6.linux-amd64.tar.gz&response-content-type=application/x-tar

```

i-08ac637d1668efaae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

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Type here to search PragmaEdge 23°C Haze ENG 19:03 12-12-2022

Connect to instance | EC2 | EC2 Instance Connect | Eshwar-Kanna/AWStrainin | download prometheus for | Download | Prometheus | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-08ac637d1668efaae

aws Services Search [Alt+S] Mumbai The Eshwar Kanna

```

2022-12-12 13:32:56 (8.88 MB/s) - 'prometheus-2.40.6.linux-amd64.tar.gz' saved [87797143/87797143]

[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64.tar.gz
[root@ip-172-31-38-208 ~]# tar -xvf prometheus-2.40.6.linux-amd64.tar.gz
prometheus-2.40.6.linux-amd64/
prometheus-2.40.6.linux-amd64/prometheus
prometheus-2.40.6.linux-amd64/prometheus.yml
prometheus-2.40.6.linux-amd64/promtool
prometheus-2.40.6.linux-amd64/consoles/
prometheus-2.40.6.linux-amd64/consoles/prometheus.html
prometheus-2.40.6.linux-amd64/consoles/node-cpu.html
prometheus-2.40.6.linux-amd64/consoles/node-disk.html
prometheus-2.40.6.linux-amd64/consoles/prometheus-overview.html
prometheus-2.40.6.linux-amd64/consoles/node-overview.html
prometheus-2.40.6.linux-amd64/consoles/node.html
prometheus-2.40.6.linux-amd64/consoles/index.html.example
prometheus-2.40.6.linux-amd64/console_libraries/
prometheus-2.40.6.linux-amd64/console_libraries/menu.lib
prometheus-2.40.6.linux-amd64/console_libraries/prom.lib

```

i-08ac637d1668efaae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

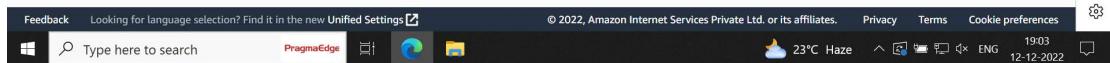
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Type here to search PragmaEdge 23°C Haze ENG 19:03 12-12-2022

```
[root@ip-172-31-38-208 ~]# tar -xvf prometheus-2.40.6.linux-amd64.tar.gz
prometheus-2.40.6.linux-amd64/
prometheus-2.40.6.linux-amd64/prometheus
prometheus-2.40.6.linux-amd64/prometheus.yml
prometheus-2.40.6.linux-amd64/promtool
prometheus-2.40.6.linux-amd64/consoles/
prometheus-2.40.6.linux-amd64/consoles/prometheus.html
prometheus-2.40.6.linux-amd64/consoles/node-cpu.html
prometheus-2.40.6.linux-amd64/consoles/node-disk.html
prometheus-2.40.6.linux-amd64/consoles/prometheus-overview.html
prometheus-2.40.6.linux-amd64/consoles/node-overview.html
prometheus-2.40.6.linux-amd64/consoles/node.html
prometheus-2.40.6.linux-amd64/consoles/index.html.example
prometheus-2.40.6.linux-amd64/console_libraries/
prometheus-2.40.6.linux-amd64/console_libraries/menu.lib
prometheus-2.40.6.linux-amd64/console_libraries/prom.lib
prometheus-2.40.6.linux-amd64/NOTICE
prometheus-2.40.6.linux-amd64/LICENSE
[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64  prometheus-2.40.6.linux-amd64.tar.gz
[root@ip-172-31-38-208 ~]#
```

i-08ac637d1668efae (prometheus)

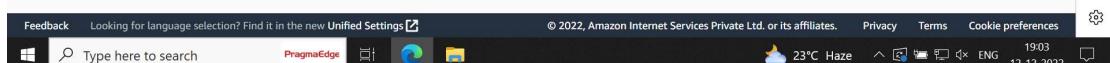
PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

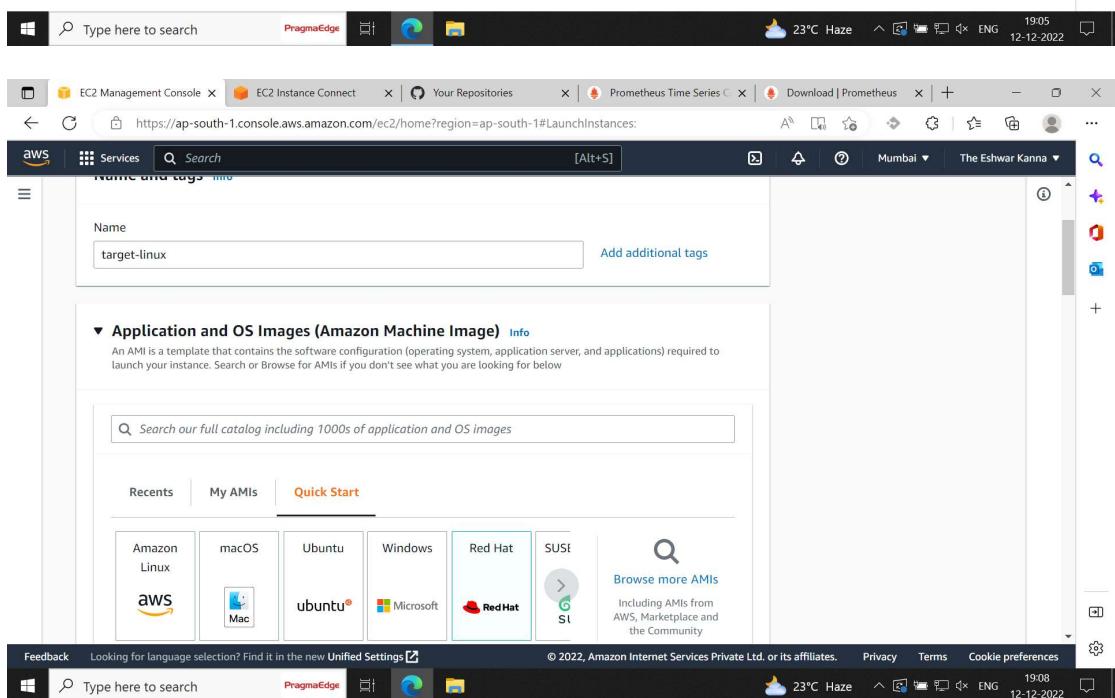
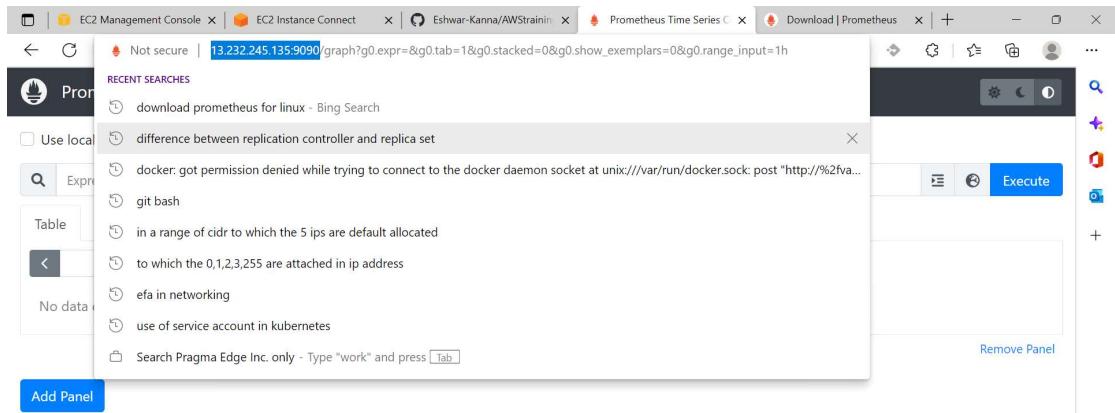


```
[root@ip-172-31-38-208 ~]# tar -xvf prometheus-2.40.6.linux-amd64.tar.gz
prometheus-2.40.6.linux-amd64/
prometheus-2.40.6.linux-amd64/prometheus
prometheus-2.40.6.linux-amd64/prometheus.yml
prometheus-2.40.6.linux-amd64/promtool
prometheus-2.40.6.linux-amd64/consoles/
prometheus-2.40.6.linux-amd64/consoles/prometheus.html
prometheus-2.40.6.linux-amd64/consoles/node-cpu.html
prometheus-2.40.6.linux-amd64/consoles/node-disk.html
prometheus-2.40.6.linux-amd64/consoles/prometheus-overview.html
prometheus-2.40.6.linux-amd64/consoles/node-overview.html
prometheus-2.40.6.linux-amd64/consoles/node.html
prometheus-2.40.6.linux-amd64/consoles/index.html.example
prometheus-2.40.6.linux-amd64/console_libraries/
prometheus-2.40.6.linux-amd64/console_libraries/menu.lib
prometheus-2.40.6.linux-amd64/console_libraries/prom.lib
prometheus-2.40.6.linux-amd64/NOTICE
prometheus-2.40.6.linux-amd64/LICENSE
[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64  prometheus-2.40.6.linux-amd64.tar.gz
[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]#
```

i-08ac637d1668efae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208





AWS EC2 Management Console - Instances (1/5)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
prometheus	i-08ac637d1668efaae	Running	t2.small	2/2 checks passed	No alarms
target-linux	i-0d4858a899836f7d9	Pending	t2.micro	-	No alarms

Instance: i-0d4858a899836f7d9 (target-linux)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Instance summary

Instance ID i-0d4858a899836f7d9 (target-linux)	Public IPv4 address 13.234.231.96   open address	Private IPv4 addresses 172.31.36.71
IPv6 address -	Instance state Pending	Public IPv4 DNS ec2-13-234-231-96.ap-south-1.compute.amazonaws.com   open address

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23°C Haze 19:09 12-12-2022

```
ec2-user@ip-172-31-36-71:~$ cd Downloads/
eshwar.1@PE-LP-195 MINGW64 ~
$ ssh -i windows.pem ec2-user@13.234.231.96
The authenticity of host '13.234.231.96 (13.234.231.96)' can't be established.
ED25519 key fingerprint is SHA256:MPNHAad4r0FJXhxepQG+n8EgVyyJcdQvdrss5BKzq6Ec.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
warning: Permanently added '13.234.231.96' (ED25519) to the list of known hosts.
Register this system with Red Hat Insights: insights-client --register
Create an account or view all your systems at https://red.ht/insights-dashboard
[ec2-user@ip-172-31-36-71 ~]$
```

Type here to search PragmaEdge 23°C Haze 19:10 12-12-2022

Screenshot of a web browser showing the Prometheus download page for the MySQL exporter. The URL is https://prometheus.io/download/. The page displays the MySQL exporter version 0.14.0 for Windows AMD64, which is 7.29 MiB in size and has a SHA256 checksum of 94f1fa4cd28f057c4f16dd0718acf5bf05dc8185177142c6f345d8790b1b4.

File name	OS	Arch	Size	SHA256 Checksum
node_exporter-1.5.0.darwin-amd64.tar.gz	darwin	amd64	4.58 MiB	aa87d2553f1b194cd883826ce19ee270ff4fe6a0bcc4592b4c2884a3d2dc7ccb
node_exporter-1.5.0.linux-amd64.tar.gz	linux	amd64	9.71 MiB	a9099fd31ab54ed3a34b9f0b10c28e9ace0ef5ac5a5d5edfdde85437db7acbb

**promlens**

PromLens – The query builder, analyzer, and explainer for PromQL [prometheus/promlens](#)

File name	OS	Arch	Size	SHA256 Checksum
promlens-0.3.0.darwin-amd64.tar.gz	darwin	amd64	16.90 MiB	e90fe174d57e6ecfb456db2a7161de3d49f72ce8cdc312855497c89f442d02cb
promlens-0.3.0.linux-amd64.tar.gz	linux	amd64	17.15 MiB	8fdcc621cf559b7e55c0e3cf334b8862ae8f53cf999cdf5d7d303d2841f62ef0

Windows taskbar at the bottom showing the search bar, pinned icons for PragmaEdge, Edge, File Explorer, and File History, and system status including weather (23°C Haze), battery (19:11), and date/time (12-12-2022).

Terminal window showing the user's session on an EC2 instance (ip-172-31-36-71). The user runs 'cd Downloads/' and then attempts to ssh into a host (13.234.231.96) using windows.pem. A warning message about the host's fingerprint is displayed, asking if the user wants to continue connecting. The user responds 'yes'. The terminal then shows the command 'wget https://github.com/prometheus/node\_exporter/releases/download/v1.5.0/node\_exporter-1.5.0.linux-amd64.tar.gz' being run.

Windows taskbar at the bottom showing the search bar, pinned icons for PragmaEdge, Edge, File Explorer, and File History, and system status including weather (23°C Haze), battery (19:12), and date/time (12-12-2022).

```
ec2-user@ip-172-31-36-71:~$ wget https://github.com/prometheus/node_exporter/releases/download/v1.5.0/node_exporter-1.5.0.linux-amd64.tar.gz
--2022-12-12 13:42:27-- https://github.com/prometheus/node_exporter/releases/download/v1.5.0/node_exporter-1.5.0.linux-amd64.tar.gz
Resolving github.com (github.com)... 20.207.73.82
Connecting to github.com (github.com)|20.207.73.82|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/9524057/fc1630e0-8913-427f-94ba-4131d3ed96c7?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVH53A%2F20221212%2Fus-east-1%2Fs%2Faws4_request&X-Amz-Date=20221212T1342Z&X-Amz-Expires=300&X-Amz-Signature=9a80332b16d277ae89d7bf8f804a001a6afae1851aff30e1cc31f8ad8f4efcc&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=9524057&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.5.0.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream
--2022-12-12 13:42:28-- https://objects.githubusercontent.com/github-production-release-asset-2e65be/9524057/fc1630e0-8913-427f-94ba-4131d3ed96c7?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVH53A%2F20221212%2Fus-east-1%2Fs%2Faws4_request&X-Amz-Date=20221212T1342Z&X-Amz-Expires=300&X-Amz-Signature=9a80332b16d277ae89d7bf8f804a001a6afae1851aff30e1cc31f8ad8f4efcc&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=9524057&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.5.0.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.111.133, 185.199.108.133, 185.199.109.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.111.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 10181045 (9.7M) [application/octet-stream]
Saving to: 'node_exporter-1.5.0.linux-amd64.tar.gz'

node_exporter-1.5.0.linux-amd64.t 100%[=====] 9.71M --.-KB/s in 0.09s

2022-12-12 13:42:28 (110 MB/s) - 'node_exporter-1.5.0.linux-amd64.tar.gz' saved [10181045/10181045]

[ec2-user@ip-172-31-36-71:~]$ ls
node_exporter-1.5.0.linux-amd64.tar.gz
[ec2-user@ip-172-31-36-71:~]$ |
```

```
ec2-user@ip-172-31-36-71:~$ wget https://github.com/prometheus/node_exporter/releases/download/v1.5.0/node_exporter-1.5.0.linux-amd64.tar.gz
--2022-12-12 13:42:27-- https://github.com/prometheus/node_exporter/releases/download/v1.5.0/node_exporter-1.5.0.linux-amd64.tar.gz
Resolving github.com (github.com)... 20.207.73.82
Connecting to github.com (github.com)|20.207.73.82|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/9524057/fc1630e0-8913-427f-94ba-4131d3ed96c7?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVH53A%2F20221212%2Fus-east-1%2Fs%2Faws4_request&X-Amz-Date=20221212T1342Z&X-Amz-Expires=300&X-Amz-Signature=9a80332b16d277ae89d7bf8f804a001a6afae1851aff30e1cc31f8ad8f4efcc&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=9524057&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.5.0.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream
--2022-12-12 13:42:28-- https://objects.githubusercontent.com/github-production-release-asset-2e65be/9524057/fc1630e0-8913-427f-94ba-4131d3ed96c7?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVH53A%2F20221212%2Fus-east-1%2Fs%2Faws4_request&X-Amz-Date=20221212T1342Z&X-Amz-Expires=300&X-Amz-Signature=9a80332b16d277ae89d7bf8f804a001a6afae1851aff30e1cc31f8ad8f4efcc&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=9524057&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.5.0.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.111.133, 185.199.108.133, 185.199.109.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.111.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 10181045 (9.7M) [application/octet-stream]
Saving to: 'node_exporter-1.5.0.linux-amd64.tar.gz'

node_exporter-1.5.0.linux-amd64.t 100%[=====] 9.71M --.-KB/s in 0.09s

2022-12-12 13:42:28 (110 MB/s) - 'node_exporter-1.5.0.linux-amd64.tar.gz' saved [10181045/10181045]

[ec2-user@ip-172-31-36-71:~]$ ls
node_exporter-1.5.0.linux-amd64.tar.gz
[ec2-user@ip-172-31-36-71:~]$ tar -xvf node_exporter-1.5.0.linux-amd64.tar.gz
node_exporter-1.5.0.linux-amd64/
node_exporter-1.5.0.linux-amd64/LICENSE
node_exporter-1.5.0.linux-amd64/NOTICE
node_exporter-1.5.0.linux-amd64/node_exporter
[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:~]$ |
```

```

[ec2-user@ip-172-31-36-71:~/node_exporter-1.5.0.linux-amd64]
[ec2-user@ip-172-31-36-71 ~]$ wget https://github.com/prometheus/node_exporter/releases/download/v1.5.0/node_exporter-1.5.0.linux-amd64.tar.gz
--2022-12-12 13:42:27- https://github.com/prometheus/node_exporter/releases/download/v1.5.0/node_exporter-1.5.0.linux-amd64.tar.gz
Resolving github.com (github.com)... 20.207.73.82
Connecting to github.com (github.com)|20.207.73.82|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/9524057/fc1630e0-8913-427f-94ba-4131d3ed96c7?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%F20221212T1342Z&X-Amz-Expires=300&X-Amz-Signature=9a0332b16d27ae89d7bf8f804a001a6afae1851aff30e1cc31f8ad8f4efcc&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=9524057&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.5.0.linux-amd64.tar.gz&response-content-type=application%20octet-stream [following]
--2022-12-12 13:42:28- https://objects.githubusercontent.com/github-production-release-asset-2e65be/9524057/fc1630e0-8913-427f-94ba-4131d3ed96c7?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%F20221212T1342Z&X-Amz-Expires=300&X-Amz-Signature=9a0332b16d27ae89d7bf8f804a001a6afae1851aff30e1cc31f8ad8f4efcc&X-Amz-SignedHeaders=host&actor_id=0&key_id=0&repo_id=9524057&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.5.0.linux-amd64.tar.gz&response-content-type=application%20octet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.111.133, 185.199.108.133, 185.199.109.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.111.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 10181045 (9.7M) [application/octet-stream]
Saving to: "node_exporter-1.5.0.linux-amd64.tar.gz"

node_exporter-1.5.0.linux-amd64.t 100%[=====] 9.71M --.-KB/s in 0.09s

2022-12-12 13:42:28 (110 MB/s) - 'node_exporter-1.5.0.linux-amd64.tar.gz' saved [10181045/10181045]

[ec2-user@ip-172-31-36-71 ~]$ ls
node_exporter-1.5.0.linux-amd64.tar.gz
[ec2-user@ip-172-31-36-71 ~]$ tar -xvzf node_exporter-1.5.0.linux-amd64.tar.gz
node_exporter-1.5.0.linux-amd64/
node_exporter-1.5.0.linux-amd64/LICENSE
node_exporter-1.5.0.linux-amd64/NOTICE
node_exporter-1.5.0.linux-amd64/node_exporter
[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]$
```

Windows Taskbar: Type here to search, PragmaEdge, 23°C Haze, ENG, 19:13, 12-12-2022

```

[ec2-user@ip-172-31-36-71:~/node_exporter-1.5.0.linux-amd64]
node_exporter-1.5.0.linux-amd64/
node_exporter-1.5.0.linux-amd64/LICENSE
node_exporter-1.5.0.linux-amd64/NOTICE
node_exporter-1.5.0.linux-amd64/node_exporter
[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] 13190
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ ts=2022-12-12T13:43:09.285Z caller=node_exporter.go:180 level=info msg="Starting node_exporter" version="(version=1.5.0, branch=HEAD, revision=1b48970ffcf5630534fb00b0687d73c66d1c959)" ts=2022-12-12T13:43:09.285Z caller=node_exporter.go:181 level=info msg="Build context" build_context="(go=goi.19.3, user=root@6e7732a7b81b, date=2022-12-19-18:59:09)"
ts=2022-12-12T13:43:09.286Z caller=filesystem_common.go:111 level=info collector=filesystem msg="Parsed flag --collector.filesystem.mount-points-exclude" flag=~"/dev/proc/run/credentials/.+sysvar/lib/docker/.+var/lib/containers/storage/.+)(\$|/)"
ts=2022-12-12T13:43:09.287Z caller=filesystem_common.go:113 level=info collector=filesystem msg="Parsed flag --collector.filesystem.fstypes-exclude" flag=~"autofs|binfmt_misc|bpf|cgroup2|configs|debugfs|devpts|devtmpfs|fusectl|hugepages|iso9660|mqueue|nfs|overlay|proc|pstore|rpc_pipes|securityfs|selinuxfs|squashfs|sysfs|tracefs"
ts=2022-12-12T13:43:09.287Z caller=diskstats_common.go:111 level=info collector=diskstats msg="Parsed flag --collector.diskstats.device-exclude" flag=~"(ram|loop|fd|(h|s|v)xv)d[a-z]\nvme\dn)d+p)"d$ ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:110 level=info msg="Enabled collectors"
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=arp
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=bcache
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=bonding
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=btrfs
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=contrack
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=cpu
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=cpufreq
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=diskstats
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=dmi
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=edac
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=entropy
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=fibrechannel
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=filefd
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=filesystem
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=hwmmon
ts=2022-12-12T13:43:09.287Z caller=node_exporter.go:117 level=info collector=infiniband
```

Windows Taskbar: Type here to search, PragmaEdge, 23°C Haze, ENG, 19:13, 12-12-2022

```
ec2-user@ip-172-31-36-71:~/node_exporter-1.5.0.linux-amd64
net-tools x86_64 2.0-0.62.20160912git.e19 rhel-9-baseos-rhui-rpms 309 k
=====
Transaction Summary
=====
Install 1 Package
Total download size: 309 k
Installed size: 912 k
Is this ok [y/N]: y
Downloading Packages:
net-tools-2.0-0.62.20160912git.e19.x86_64.rpm 7.4 MB/s | 309 kB 00:00
Total 1.1 MB/s | 309 kB 00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing : 1/1
Installing : net-tools-2.0-0.62.20160912git.e19.x86_64 1/1
Running scriptlet: net-tools-2.0-0.62.20160912git.e19.x86_64 1/1
Verifying : net-tools-2.0-0.62.20160912git.e19.x86_64 1/1
Installed products updated.

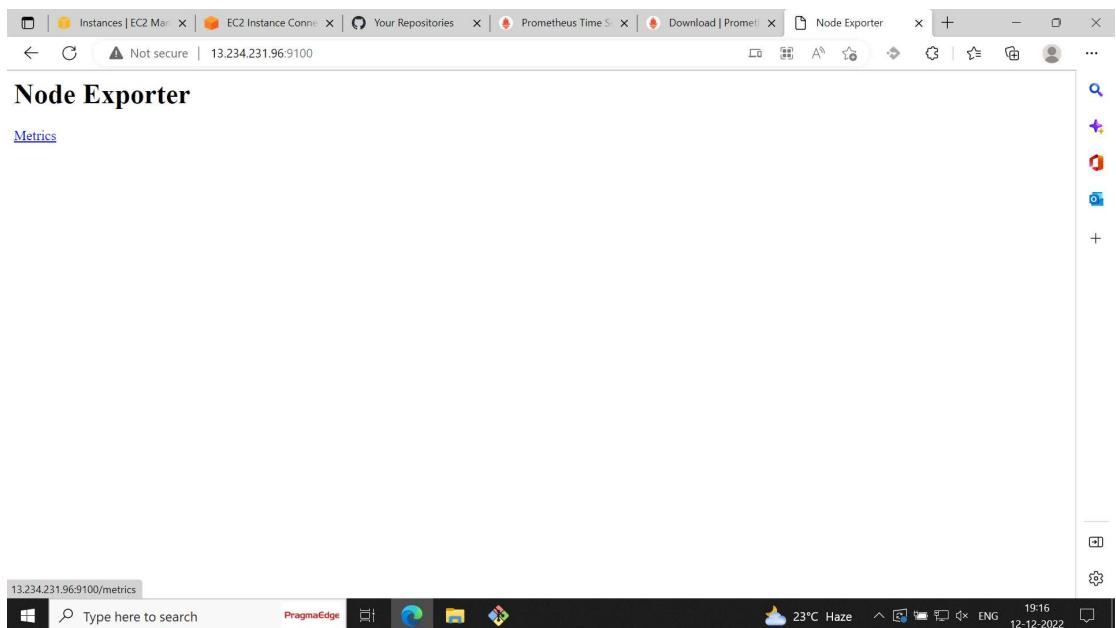
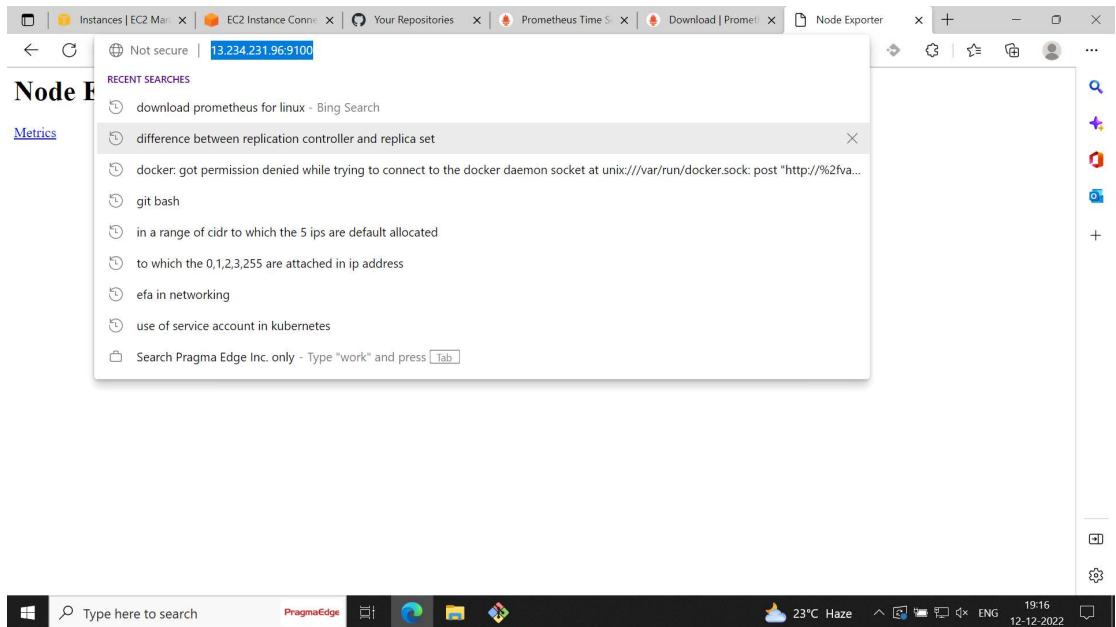
Installed:
  net-tools-2.0-0.62.20160912git.e19.x86_64

Complete!
[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 :::9100                  :::*                 LISTEN
tcp6    0      0 :::22                   :::*                 LISTEN
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ |
```

```
ec2-user@ip-172-31-36-71:~/node_exporter-1.5.0.linux-amd64
net-tools x86_64 2.0-0.62.20160912git.e19 rhel-9-baseos-rhui-rpms 309 k
=====
Transaction Summary
=====
Install 1 Package
Total download size: 309 k
Installed size: 912 k
Is this ok [y/N]: y
Downloading Packages:
net-tools-2.0-0.62.20160912git.e19.x86_64.rpm 7.4 MB/s | 309 kB 00:00
Total 1.1 MB/s | 309 kB 00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing : 1/1
Installing : net-tools-2.0-0.62.20160912git.e19.x86_64 1/1
Running scriptlet: net-tools-2.0-0.62.20160912git.e19.x86_64 1/1
Verifying : net-tools-2.0-0.62.20160912git.e19.x86_64 1/1
Installed products updated.

Installed:
  net-tools-2.0-0.62.20160912git.e19.x86_64

Complete!
[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 :::9100                  :::*                 LISTEN
tcp6    0      0 :::22                   :::*                 LISTEN
[ec2-user@ip-172-31-36-71 node_exporter-1.5.0.linux-amd64]$ |
```



```

# HELP go_gc_duration_seconds A summary of the pause duration of garbage collection cycles.
# TYPE go_gc_duration_seconds summary
go_gc_duration_seconds{quantile="0"} 0
go_gc_duration_seconds{quantile="0.25"} 0
go_gc_duration_seconds{quantile="0.5"} 0
go_gc_duration_seconds{quantile="0.75"} 0
go_gc_duration_seconds{quantile="1"} 0
go_gc_duration_seconds_sum 0
go_gc_duration_seconds_count 0
# HELP go_goroutines Number of goroutines that currently exist.
# TYPE go_goroutines gauge
go_goroutines 8
# HELP go_info Information about the Go environment.
# TYPE go_info gauge
go_info{version="go1.19.3"} 1
# HELP go_memstats_alloc_bytes Number of bytes allocated and still in use.
# TYPE go_memstats_alloc_bytes gauge
go_memstats_alloc_bytes 924264
# HELP go_memstats_alloc_bytes_total Total number of bytes allocated, even if freed.
# TYPE go_memstats_alloc_bytes_total counter
go_memstats_alloc_bytes_total 924264
# HELP go_memstats_buck_hash_sys_bytes Number of bytes used by the profiling bucket hash table.
# TYPE go_memstats_buck_hash_sys_bytes gauge
go_memstats_buck_hash_sys_bytes 1.445747e+06
# HELP go_memstats_frees_total Total number of frees.
# TYPE go_memstats_frees_total counter
go_memstats_frees_total 648
# HELP go_memstats_gc_sys_bytes Number of bytes used for garbage collection system metadata.
# TYPE go_memstats_gc_sys_bytes gauge
go_memstats_gc_sys_bytes 7.882888e+06
# HELP go_memstats_heap_alloc_bytes Number of heap bytes allocated and still in use.
# TYPE go_memstats_heap_alloc_bytes gauge
go_memstats_heap_alloc_bytes 924264
# HELP go_memstats_heap_idle_bytes Number of heap bytes waiting to be used.
# TYPE go_memstats_heap_idle_bytes gauge
go_memstats_heap_idle_bytes 1.622016e+06
# HELP go_memstats_heap_inuse_bytes Number of heap bytes that are in use.
# TYPE go_memstats_heap_inuse_bytes gauge
go_memstats_heap_inuse_bytes 2.277376e+06

```

```

Last login: Mon Dec 12 13:31:32 2022 from ec2-13-233-177-4.ap-south-1.compute.amazonaws.com
[ec2-user@ip-172-31-38-208 ~]$ ls
[ec2-user@ip-172-31-38-208 ~]$ ls
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
Last login: Mon Dec 12 13:31:38 UTC 2022 on pts/0
[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64  prometheus-2.40.6.linux-amd64.tar.gz
[root@ip-172-31-38-208 ~]# pgrep prometheus
3757
[root@ip-172-31-38-208 ~]#

```

i-08ac637d1668efaae (prometheus)  
Public IPs: 13.232.245.135 Private IPs: 172.31.38.208

```

Last login: Mon Dec 12 13:31:32 2022 from ec2-13-233-177-4.ap-south-1.compute.amazonaws.com
[ec2-user@ip-172-31-38-208 ~]$ ls
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
Last login: Mon Dec 12 13:31:38 UTC 2022 on pts/0
[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64 prometheus-2.40.6.linux-amd64.tar.gz
[root@ip-172-31-38-208 ~]# pgrep prometheus
3757
[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]# ls
console libraries consoles data LICENSE NOTICE prometheus prometheus.yml promtool
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# 

```

i-08ac637d1668efae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

```

Last login: Mon Dec 12 13:31:32 2022 from ec2-13-233-177-4.ap-south-1.compute.amazonaws.com
[ec2-user@ip-172-31-38-208 ~]$ ls
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
Last login: Mon Dec 12 13:31:38 UTC 2022 on pts/0
[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64 prometheus-2.40.6.linux-amd64.tar.gz
[root@ip-172-31-38-208 ~]# pgrep prometheus
3757
[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]# ls
console libraries consoles data LICENSE NOTICE prometheus prometheus.yml promtool
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prom
prometheus      prometheus.yml promtool
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml

```

i-08ac637d1668efae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

```

Last login: Mon Dec 12 13:31:32 2022 from ec2-13-233-177-4.ap-south-1.compute.amazonaws.com
[ec2-user@ip-172-31-38-208 ~]$ ls
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
Last login: Mon Dec 12 13:31:38 UTC 2022 on pts/0
[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64 prometheus-2.40.6.linux-amd64.tar.gz
[root@ip-172-31-38-208 ~]# pgrep prometheus
3757
[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]# ls
console libraries consoles data LICENSE NOTICE prometheus prometheus.yml promtool
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prom
prometheus      prometheus.yml promtool
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prometheus.yml

```

i-08ac637d1668efae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

```
- job_name: "prometheus"
  # metrics_path defaults to '/metrics'
  # scheme defaults to 'http'.

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

- job_name: "linuxnode1"
  # metrics_path defaults to '/metrics'
  # scheme defaults to 'http'.

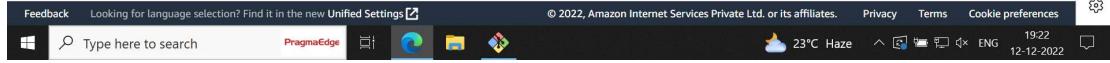
  static_configs:
    - targets: ["13.234.231.96:9100"]

  # scrape_timeout is set to the global default (10s).

-- INSERT --
```

i-08ac637d1668efaae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

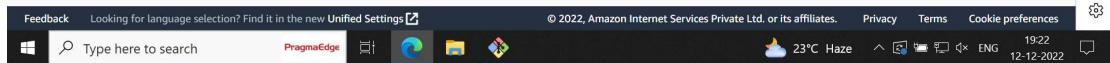


```
_ | ( / Amazon Linux 2 AMI
_ \_\_ | __|_ | _\

https://aws.amazon.com/amazon-linux-2/
19 package(s) needed for security, out of 31 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-38-208 ~]$ ls
[ec2-user@ip-172-31-38-208 ~]$ ls
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
Last login: Mon Dec 12 13:31:38 UTC 2022 on pts/0
[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64.tar.gz
[root@ip-172-31-38-208 ~]# pgrep prometheus
3757
[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]# ls
console_libraries consoles data LICENSE NOTICE prometheus prometheus.yml promtool
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prom
prometheus prometheus.yml promtool
[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 -9 3757
```

i-08ac637d1668efaae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208



EC2 Instance Conn | Instances | EC2 Ma | Your Repositories | Prometheus Time | Download | Prom | 13.234.231.96:9100 | +

https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-08ac637d1668efaeec (Alt+5)

Mumbai | The Eshwar Kannan

**aws Services Search [Alt+5]**

```
[ec2-user@ip-172-31-38-208 ~]$ sudo su -
Last login: Mon Dec 12 13:31:38 UTC 2022 on pts/0
[root@ip-172-31-38-208 ~]# ls
prometheus-2.40.6.linux-amd64 prometheus-2.40.6.linux-amd64.tar.gz
[root@ip-172-31-38-208 ~]# pgrep prometheus
3757
[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]# ls
console_libraries consoles data LICENSE NOTICE prometheus prometheus.yml promtool
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# vim prom
prometheus prometheus.yml promtool
[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 -9 3757
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# ./prometheus &
[1] 4302
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]# ts=2022-12-12T13:52:45.090Z caller=main.go:468 level=error msg="Error loading config (--config.file=prometheus.yml)" file=/root/prometheus-2.40.6.linux-amd64/prometheus.yml err="parsing YAML file prometheus.yml: yaml: unmarshaled errors:\n line 44: field alerting already set in type config/plain"
[1]+  Exit 2          ./prometheus
[root@ip-172-31-38-208 prometheus-2.40.6.linux-amd64]#
```

i-08ac637d1668efaeec (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences

Type here to search PragmaEdge 23°C Haze ENG 19:23 12-12-2022

EC2 Instance Conn | Instances | EC2 Ma | Your Repositories | Prometheus Time | Download | Prom | 13.234.231.96:9100 | +

Not secure | 13.232.245.135:9090/targets?search=

Prometheus Alerts Graph Status Help

## Targets

All Unhealthy Collapse All

linuxnode1 (1/1 up) show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://13.234.231.96:9100/metrics	UP	instance="13.234.231.96:9100" job="linuxnode1"	10.92s ago	20.198ms	

prometheus (1/1 up) show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost:9090/metrics	UP	instance="localhost:9090" job="prometheus"	12.534s ago	8.366ms	

Windows Taskbar: Type here to search PragmaEdge 23°C Haze ENG 19:35 12-12-2022

Screenshot of the Prometheus web interface showing the 'Targets' page. The URL is 13.232.245.135:9090/targets?search=

**Targets**

All Unhealthy Collapse All

**linuxnode1 (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://13.234.231.96:9100/metrics	UP	instance="13.234.231.96:9100" job="linuxnode1"	10.92s ago	20.198ms	

**prometheus (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost:9090/metrics	UP	instance="localhost:9090" job="prometheus"	12.534s ago	8.366ms	

Screenshot of the Prometheus web interface showing the 'tsdb-status' page. The URL is 13.232.245.135:9090/tsdb-status

**Head Stats**

Number of Series	Number of Chunks	Min Time	Current Max Time
1099	2198	-2022-12-12T14:05:09.833Z (1670853909833)	2022-12-12T14:53:42.274Z (1670856822274)

**Head Cardinality Stats**

**Top 10 label names with value count**

Name	Count
_name_	492
le	70
collector	45
device	10
quantile	9
mode	8
	8

Screenshot of a web browser showing Prometheus Time series data. The URL is `13.232.245.135:9090/tsdb-status`. The page displays a table titled "Head Cardinality Stats" showing the top 10 label names with their value counts.

Name	Count
_name_	492
le	70
collector	45
device	10
quantile	9
mode	8
handler	8
version	6
role	6
mountpoint	5

Below the table, there is a search bar and a status bar indicating `22°C Cloudy`, `ENG`, and the date `12-12-2022`.

Switching tabs, the browser now shows the AWS EC2 Management console at `https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:`. The user is creating a new instance named "target-linux-2".

The AWS interface includes a sidebar for "Name and tags", a search bar, and a section for "Application and OS Images (Amazon Machine Image)". It lists various AMI options like Amazon Linux, macOS, Ubuntu, Windows, Red Hat, and SUSE. A "Quick Start" tab is selected.

At the bottom of the browser window, the status bar shows `Feedback`, `Looking for language selection? Find it in the new Unified Settings`, `© 2022, Amazon Internet Services Private Ltd. or its affiliates.`, `Privacy`, `Terms`, `Cookie preferences`, `2025`, `ENG`, and the date `12-12-2022`.

```

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

  - job_name: "linuxnode1"

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

  static_configs:
    - targets: ["13.234.231.96:9100"]

  - job_name: "linuxnode2"

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

  static_configs:
    - targets: ["65.1.64.200:9100"]
-- INSERT --

```

i-08ac637d1668efae (prometheus)  
PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

```

-type=application%2Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com) ... 185.199.108.133, 185.199.109.133, 185.199.110.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.108.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 10181045 (9.7M) [application/octet-stream]
Saving to: 'node_exporter-1.5.0.linux-amd64.tar.gz'

node_exporter-1.5.0.linux-amd64.tz 100%[=====] 9.71M --,-KB/s   in 0.09s
2022-12-12 14:59:34 (106 MB/s) - 'node_exporter-1.5.0.linux-amd64.tar.gz' saved [10181045/10181045]

ubuntu@ip-172-31-36-32:~$ ls
node_exporter-1.5.0.linux-amd64.tar.gz
ubuntu@ip-172-31-36-32:~$ tar -xvf node_exporter-1.5.0.linux-amd64.tar.gz
node_exporter-1.5.0.linux-amd64/
node_exporter-1.5.0.linux-amd64/LICENSE
node_exporter-1.5.0.linux-amd64/NOTICE
node_exporter-1.5.0.linux-amd64/node_exporter
ubuntu@ip-172-31-36-32:~$ ls
node_exporter-1.5.0.linux-amd64  node_exporter-1.5.0.linux-amd64.tar.gz
ubuntu@ip-172-31-36-32:~$ 

```

i-02237e71c102ecf0f (target-linux-2)  
PublicIPs: 65.1.64.200 PrivateIPs: 172.31.36.32

```

aws Services Search [Alt+5] Mumbai The Eshwar Kanna ...
Resolving objects.githubusercontent.com (objects.githubusercontent.com) ... 185.199.108.133, 185.199.109.133, 185.199.110.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com) |185.199.108.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 10181045 (9.7M) [application/octet-stream]
Saving to: 'node_exporter-1.5.0.linux-amd64.tar.gz'

node_exporter-1.5.0.linux-amd64.ta 100%[=====] 9.71M --.-KB/s in 0.09s
2022-12-12 14:59:34 (106 MB/s) - 'node_exporter-1.5.0.linux-amd64.tar.gz' saved [10181045/10181045]

ubuntu@ip-172-31-36-32:~$ ls
node_exporter-1.5.0.linux-amd64.tar.gz
ubuntu@ip-172-31-36-32:~$ tar -xvf node_exporter-1.5.0.linux-amd64.tar.gz
node_exporter-1.5.0.linux-amd64/
node_exporter-1.5.0.linux-amd64/LICENSE
node_exporter-1.5.0.linux-amd64/NOTICE
node_exporter-1.5.0.linux-amd64/node_exporter
ubuntu@ip-172-31-36-32:~$ ls
node_exporter-1.5.0.linux-amd64 node_exporter-1.5.0.linux-amd64.tar.gz
ubuntu@ip-172-31-36-32:~/node_exporter-1.5.0.linux-amd64$ ./node_exporter &

```

i-02237e71c102ecf0f (target-linux-2)  
PublicIPs: 65.164.200 PrivateIPs: 172.31.36.32

Number of Series	Number of Chunks	Targets	Ent Min Time	Current Max Time
1123	2222		!-12-12T14:05:09.833Z (1670853909833)	2022-12-12T14:55:57.274Z (1670856957274)

### Head Cardinality Stats

#### Top 10 label names with value count

Name	Count
_name_	492
le	70
collector	45
device	10
handler	9
label	6
metric	5
series	5
target	5
time	5

The image shows two separate browser windows. The top window is a Prometheus Targets page with a dark header. It displays three targets: **linuxnode1** (1/1 up), **linuxnode2** (0/1 up), and **prometheus** (1/1 up). The **linuxnode1** table has one row with columns: Endpoint, State, Labels, Last Scrape, Scrape Duration, and Error. The **linuxnode2** and **prometheus** tables each have one row with similar columns. Below the tables is a search bar and a toolbar with icons for search, refresh, and other functions.

The bottom window is a Microsoft Edge browser window. It has a dark theme and shows a search bar at the top. The main content area displays a webpage for "PragmEdge" featuring an advertisement for the "AXIS TRIPLE ADVANTAGE FUND". To the right of the ad is a "RECOMMENDED" sidebar with a list of recent edits by users Pavan Gudhe and Dinesh Chandika. The Edge browser interface includes a taskbar with various pinned icons like AWS Manage..., Outlook, GitHub, Microsoft Teams, and Flipkart. The status bar at the bottom shows the date (12-12-2022) and time (20:31).

**linuxnode1 (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://13.234.231.96:9100/metrics	UP	instance="13.234.231.96:9100" job="linuxnode1"	17.124s ago	16.910ms	

**linuxnode2 (0/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://65.1.64.200:9100/metrics	UNKNOWN	instance="65.1.64.200:9100" job="linuxnode2"	Never	0s	

**prometheus (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost:9090/metrics	UP	instance="localhost:9090" job="prometheus"	19.564s ago	6.840ms	

**linuxnode1 (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://13.234.231.96:9100/metrics	UP	instance="13.234.231.96:9100" job="linuxnode1"	19.137s ago	14.424ms	

**linuxnode2 (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://65.1.64.200:9100/metrics	UP	instance="65.1.64.200:9100" job="linuxnode2"	11.985s ago	12.444ms	

**prometheus (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost:9090/metrics	UP	instance="localhost:9090" job="prometheus"	21.576s ago	5.175ms	

```

aws | Services | Search [Alt+S] | Mumbai | The Eshwar Kanna | ...
-- job_name: "linuxnode1"
  # metrics_path defaults to '/metrics'
  # scheme defaults to 'http'.

  static_configs:
    - targets: ["13.234.231.96:9100"]

-- job_name: "linuxnode2"
  # metrics_path defaults to '/metrics'
  # scheme defaults to 'http'.

  static_configs:
    - targets: ["65.1.64.200:9100"]
      labels:
        region: "US"
        team: "web"
        env: "prod"
-- INSERT --

```

i-08ac637d1668efae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

Feedback Looking for language selection? Find it in the new Unified Settings [?](#)

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Windows Type here to search PragmaEdge 22°C Cloudy 12-12-2022

```

aws | Services | Search [Alt+S] | Mumbai | The Eshwar Kanna | ...
# scheme defaults to 'http'.

static_configs:
  - targets: ["13.234.231.96:9100"]
    labels:
      region: "IN"
      team: "web"
      env: "test"

-- job_name: "linuxnode2"
  # metrics_path defaults to '/metrics'
  # scheme defaults to 'http'.

  static_configs:
    - targets: ["65.1.64.200:9100"]
      labels:
        region: "US"
        team: "web"
        env: "prod"
-- INSERT --

```

i-08ac637d1668efae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

Feedback Looking for language selection? Find it in the new Unified Settings [?](#)

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Windows Type here to search PragmaEdge 22°C Cloudy 12-12-2022

EC2 Instances | EC2 Instances | Your Repositories | Prometheus | Download | 13.232.245.135 | 65.1.64.200 | +

<https://ap-south-1.console.aws.amazon.com/ec2-instance/connect/ssh?region=ap-south-1&connType=standard&instanceId=i-08ac637d1668efaae>

```

aws Services Search [Alt+5] Mumbai The Eshwar Kannan ...
ts=2022-12-12T15:00:27.451Z caller=head.go:683 level=info component=tsdb msg="WAL segment loaded" segment=3 maxSegment=3
ts=2022-12-12T15:00:27.451Z caller=head.go:720 level=info component=tsdb msg="WAL replay completed" checkpoint_replay_duration=68.1us wal_replay_duration=43.836531ms wbl_replay_duration=80ms total_replay_duration=44.724541ms
ts=2022-12-12T15:00:27.455Z caller=main.go:1014 level=info fs type=XFS SUPER_MAGIC
ts=2022-12-12T15:00:27.455Z caller=main.go:1017 level=info msg="TSDB started"
ts=2022-12-12T15:00:27.455Z caller=main.go:1197 level=info msg="Loading configuration file" filename=prometheus.yml
ts=2022-12-12T15:00:27.460Z caller=main.go:1234 level=info msg="Completed loading of configuration file" filename=prometheus.yml totalDuration=5.243603ms db_storage=1.037μs remote_storage=2.277μs web_handler=1.100μs query_engine=1.73μs scrape=4.608657ms scrape_sd=59.179μs notify=43.566μs notify_sd=15.442μs rules=1.865μs tracing=5.801μs
ts=2022-12-12T15:00:27.460Z caller=main.go:978 level=info msg="Server is ready to receive web requests."
ts=2022-12-12T15:00:27.460Z caller=manager.go:944 level=info component="rule manager" msg="Starting rule manager..."

[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 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]# ts=2022-12-12T15:05:00.472Z caller=main.go:1197 level=info msg="Loading configuration file" filename=prometheus.yml
ts=2022-12-12T15:05:00.475Z caller=main.go:1234 level=info msg="Completed loading of configuration file" filename=prometheus.yml totalDuration=3.423457ms db_storage=2.469μs remote_storage=2.291μs web_handler=1.391μs query_engine=1.826μs scrape=2.933365ms scrape_sd=38.998μs notify=14.906μs notify_sd=11.386μs rules=2.676μs tracing=3.925μs

```

i-08ac637d1668efaae (prometheus)

Public IPs: 13.232.245.135 Private IPs: 172.31.38.208

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Windows Type here to search PragmaEdge 22°C Cloudy ENG 2035 12-12-2022

EC2 Instances | Instances | EC2 Instances | Your Repositories | Prometheus | Download | 13.232.245.135 | 65.1.64.200 | +

<https://13.232.245.135:9090/targets?search=>

Prometheus Alerts Graph Status Help

All Unhealthy Collapse All Filter by endpoint or labels

**linuxnode1 (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://13.234.231.96:9100/metrics">http://13.234.231.96:9100/metrics</a>	UP	env="test", instance="13.234.231.96:9100", job="linuxnode1", region="IN", team="web"	10.463s ago	18.974ms	

**linuxnode2 (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://65.1.64.200:9100/metrics">http://65.1.64.200:9100/metrics</a>	UP	env="prod", instance="65.1.64.200:9100", job="linuxnode2", region="US", team="web"	13.939s ago	16.265ms	

**prometheus (1/1 up)** show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
----------	-------	--------	-------------	-----------------	-------

Windows Type here to search PragmaEdge 22°C Cloudy ENG 2035 12-12-2022

Name and tags

Name: docker for prom-3

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```
ubuntu@ip-172-31-37-22:~$ sudo apt-get update
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [114 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [99.8 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu/universe amd64 Packages [14.1 MB]
Get:6 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [525 kB]
Get:7 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [113 kB]
Get:8 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [7352 B]
Get:9 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [452 kB]
Get:10 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [69.2 kB]
Get:11 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 c-n-f Metadata [532 B]
Get:12 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [622 kB]
Get:13 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [62.7 kB]
Get:14 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [11.0 kB]
Get:15 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [4268 B]
Get:16 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [972 B]
Get:17 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [228 B]
Get:18 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]
Get:19 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]
Get:20 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]
```

i-Of108efbe333ae7f6 (docker for prom-3)

Public IPs: 3.6.86.222 Private IPs: 172.31.37.22

Feedback Looking for language selection? Find it in the new Unified Settings

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```
Get:34 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [420 B]
Get:35 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [3324 B]
Get:36 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [1580 B]
Get:37 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [272 B]
Get:38 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:39 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [6740 B]
Get:40 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [9460 B]
Get:41 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [348 B]
Get:42 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Fetched 25.0 MB in 6s (4210 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-37-22:~$ sudo chmod a+r /etc/apt/keyrings/docker.gpg
sudo: apt-get update
chmod: cannot access '/etc/apt/keyrings/docker.gpg': No such file or directory
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [114 kB]
Hit:3 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [99.8 kB]
Fetched 214 kB in 1s (402 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-37-22:~$
```

i-0f108efbe333ae7f6 (docker for prom-3)

PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22



```
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [114 kB]
Hit:3 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [99.8 kB]
Fetched 214 kB in 1s (402 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-37-22:~$ sudo apt-get install docker-ce docker-ce-cli containerd.io docker-compose-plugin
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package docker-ce is not available, but is referred to by another package.
This may mean that the package is missing, has been obsoleted, or
is only available from another source

E: Package 'docker-ce' has no installation candidate
E: Unable to locate package docker-ce-cli
E: Unable to locate package containerd.io
E: Couldn't find any package by glob 'containerd.io'
E: Couldn't find any package by regex 'containerd.io'
E: Unable to locate package docker-compose-plugin
ubuntu@ip-172-31-37-22:~$
```

i-0f108efbe333ae7f6 (docker for prom-3)

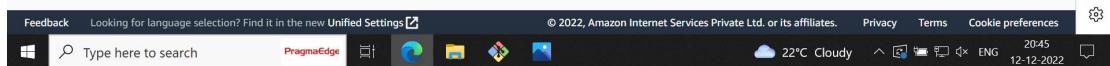
PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22



```
aws | Services | Search [Alt+S] Mumbai | The Eshwar Kanna | ... | +  
docker.service - Docker Application Container Engine  
  Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)  
  Active: active (running) since Mon 2022-12-12 15:14:55 UTC; 12s ago  
TriggeredBy: ● docker.socket  
    Docs: https://docs.docker.com  
  Main PID: 9498 (dockerd)  
    Tasks: 7  
   Memory: 19.4M  
     CPU: 21ms  
    CGroup: /system.slice/docker.service  
           └─9498 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock  
  
Dec 12 15:14:54 ip-172-31-37-22 dockerd[9498]: time="2022-12-12T15:14:54.764565369Z" level=info msg="ccResolverWrapper: sending update to c  
Dec 12 15:14:54 ip-172-31-37-22 dockerd[9498]: time="2022-12-12T15:14:54.764743452Z" level=info msg="ClientConn switching balancer to \"pickl  
Dec 12 15:14:54 ip-172-31-37-22 dockerd[9498]: time="2022-12-12T15:14:54.924408500Z" level=info msg="graphdriver" using prior storage drive  
Dec 12 15:14:54 ip-172-31-37-22 dockerd[9498]: time="2022-12-12T15:14:54.927757379Z" level=info msg="loading containers: start."  
Dec 12 15:14:55 ip-172-31-37-22 dockerd[9498]: time="2022-12-12T15:14:55.032979025Z" level=info msg="Default bridge (docker0) is assigned w  
Dec 12 15:14:55 ip-172-31-37-22 dockerd[9498]: time="2022-12-12T15:14:55.077044660Z" level=info msg="loading containers: done."  
Dec 12 15:14:55 ip-172-31-37-22 dockerd[9498]: time="2022-12-12T15:14:55.104998843Z" level=info msg="Docker daemon" commit=3056208 graphdriv  
Dec 12 15:14:55 ip-172-31-37-22 dockerd[9498]: time="2022-12-12T15:14:55.105320491Z" level=info msg="Daemon has completed initialization"  
lines 1-20
```

i-0f108efbe333ae7f6 (docker for prom-3)

PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22

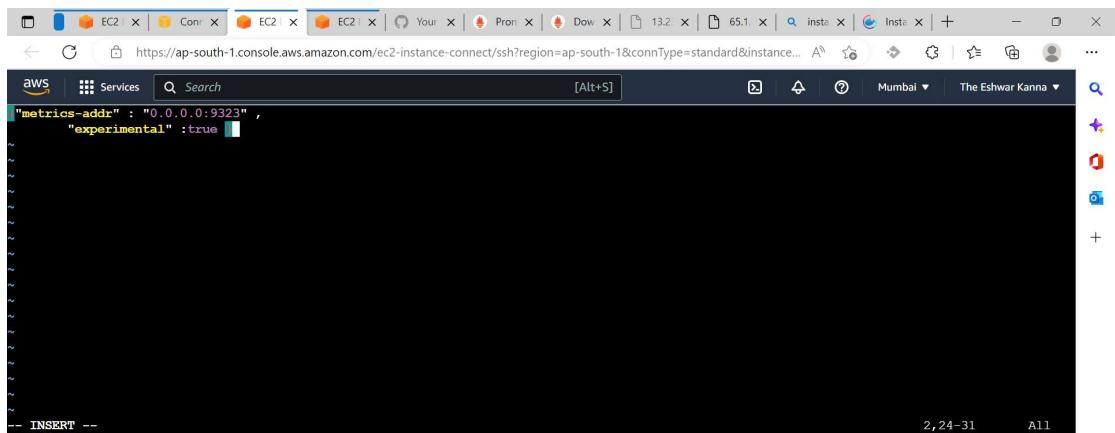


```
aws | Services | Search [Alt+S] Mumbai | The Eshwar Kanna | ... | +  
ubuntu@ip-172-31-37-22:~$ vim /etc/docker/daemon.json
```

i-0f108efbe333ae7f6 (docker for prom-3)

PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22



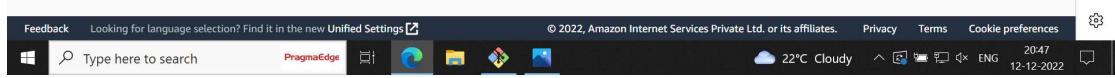
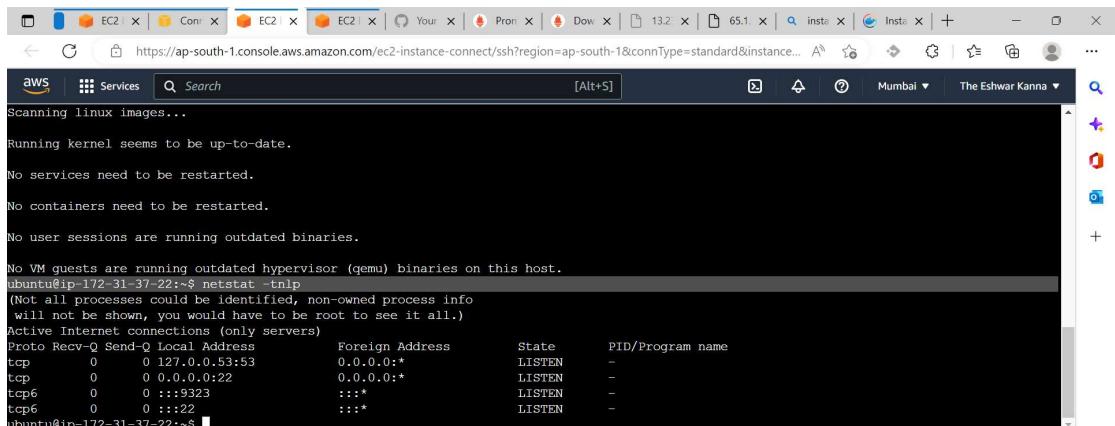


```
"metrics-addr" : "0.0.0.0:9323",
"experimental" :true
```

-- INSERT --

i-0f108efbe333ae7f6 (docker for prom-3)

PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22

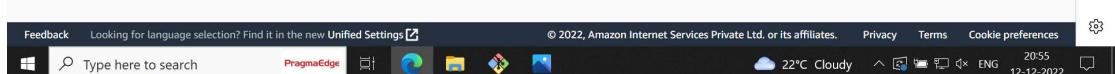



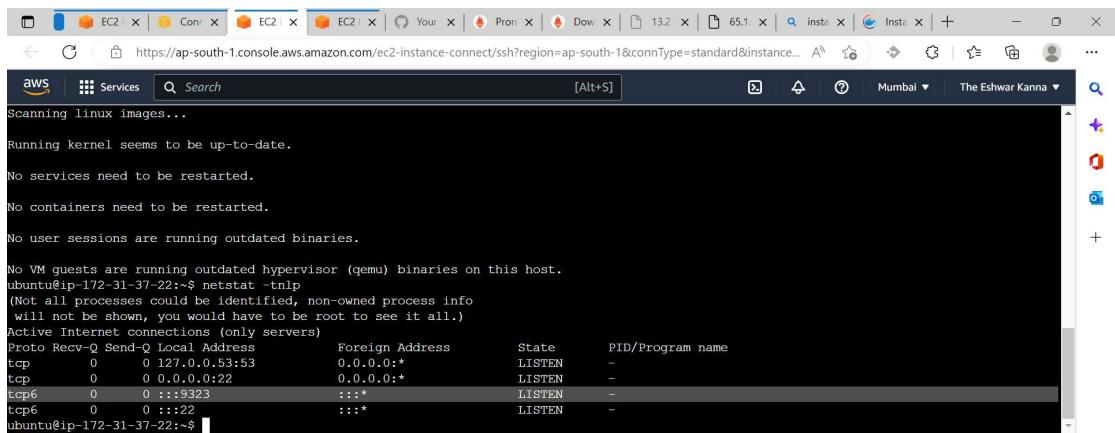
```
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-37-22:~$ netstat -tnip
(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      0 127.0.0.53:53          0.0.0.0:*             LISTEN      -
tcp        0      0 0.0.0.0:22            0.0.0.0:*             LISTEN      -
tcp6       0      0 ::1:3233              ::*:*                  LISTEN      -
tcp6       0      0 ::1:22                ::*:*                  LISTEN      -
ubuntu@ip-172-31-37-22:~$
```

i-0f108efbe333ae7f6 (docker for prom-3)

PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22





```

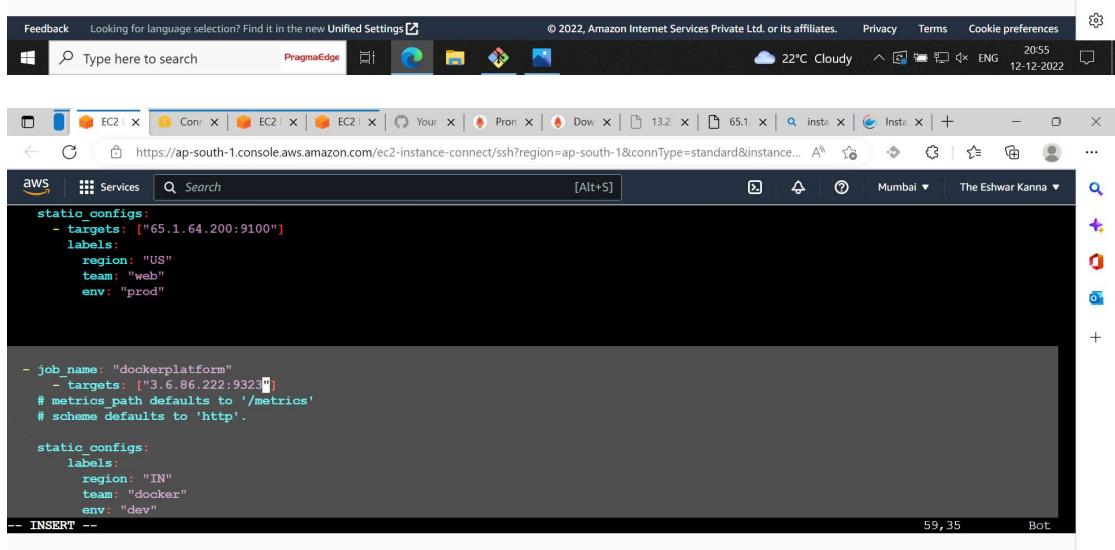
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
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 Local Address           Foreign Address         State       PID/Program name
tcp     0      0.0.0.0:53            0.0.0.0:*             LISTEN      -
tcp     0      0.0.0.0:22            0.0.0.0:*             LISTEN      -
tcp6    0      ::1:9323              ::*:*                  LISTEN      -
tcp6    0      0 ::*:22               ::*:*                  LISTEN      -
ubuntu@ip-172-31-37-22:~$ 

```

i-0f108efbe333ae7f6 (docker for prom-3)

PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22



```

static_configs:
  - targets: ["65.1.64.200:9100"]
    labels:
      region: "US"
      team: "web"
      env: "prod"

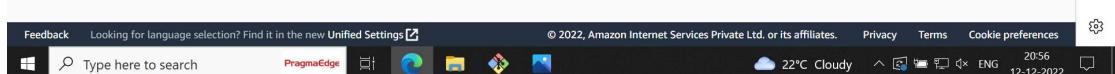
  - job_name: "dockerplatform"
    targets: ["3.6.86.222:9323"]
    # metrics_path defaults to '/metrics'
    # scheme defaults to 'http'.

    static_configs:
      labels:
        region: "IN"
        team: "docker"
        env: "dev"
-- INSERT --

```

i-08ac637d1668efaae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208



Screenshot of a web browser showing the Prometheus interface. The title bar includes tabs for EC2, Insta, EC2, EC2, Your, Pron, Dow, 13.2, 65.1, insta, Insta, and a plus sign. The address bar shows "Not secure | 13.232.245.135:9090/targets?search=". The main content area displays two tables of targets.

### Targets

**dockerplatform (1/1 up)**

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://3.6.86.222:9323/metrics	UP	env="dev", instance="3.6.86.222:9323", job="dockerplatform", region="IN", team="docker"	13.532s ago	5.744ms	

**linuxnode1 (1/1 up)**

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://13.234.231.96:9100/metrics	UP	env="test", instance="13.234.231.96:9100", job="linuxnode1", region="IN", team="web"	19.418s ago	14.853ms	

Below the tables, the Windows taskbar shows the search bar, pinned icons for PragmaEdge, File Explorer, Task View, and Mail, and system status including weather (22°C Cloudy), time (21:03), and date (12-12-2022).

Screenshot of a terminal window showing AWS CloudWatch logs for an EC2 instance. The URL is https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instance... The log output shows the user attempting to run docker commands:

```
No VM guests are running outdated hypervisor (qemu) binaries on this host.
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      0 127.0.0.53:53          0.0.0.0:*             LISTEN      -
tcp        0      0 0.0.0.0:22             0.0.0.0:*             LISTEN      -
tcp6       0      0 ::1:9323              ::*:*                  LISTEN      -
tcp6       0      0 ::1:22                ::*:*                  LISTEN      -
ubuntu@ip-172-31-37-22:~$ sudo systemctl restart docker
ubuntu@ip-172-31-37-22:~$ docker run -it --name centos
docker: Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://<2fvar%2Frunk%2fdocker.sock/v1.24/containers/create?name=os1": dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.
ubuntu@ip-172-31-37-22:~$ sudo docker run -it --name os1 centos
Unable to find image 'centos:latest' locally
latest: Pulling from library/centos
a1d0c7532777: Extracting [=====] 13.93MB/83.52MB
```

A separate terminal window titled "i-0f108efbe333ae7f6 (docker for prom-3)" shows the command "PublicIPs: 3.6.86.222 PrivatelPs: 172.31.37.22".

The bottom part of the screenshot shows the Windows taskbar again with the search bar, pinned icons, and system status.

Screenshot of a web browser showing the Prometheus interface. The URL is 13.232.245.135:9090/targets?search=. The interface displays three sections: dockerplatform (1/1 up), linuxnode1 (1/1 up), and linuxnode2 (1/1 up). Each section shows a table of endpoints with columns: Endpoint, State, Labels, Last Scrape, Scrape Duration, and Error.

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://3.6.86.222:9323/metrics">http://3.6.86.222:9323/metrics</a>	UP	env="dev", instance="3.6.86.222:9323", job="dockerplatform", region="IN", team="docker"	19.52s ago	5.097ms	

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://13.234.231.96:9100/metrics">http://13.234.231.96:9100/metrics</a>	UP	env="test", instance="13.234.231.96:9100", job="linuxnode1", region="IN", team="web"	9.939s ago	13.754ms	

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
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The bottom part of the screenshot shows the raw Prometheus metrics for the endpoint http://3.6.86.222:9323/metrics. The metrics include information about containers, engine daemon states, memory usage, and host info functions.

```

# HELP engine_daemon_container_states_containers The count of containers in various states
# TYPE engine_daemon_container_states_containers gauge
engine_daemon_container_states_containers{state="paused"} 0
engine_daemon_container_states_containers{state="running"} 1
engine_daemon_container_states_containers{state="stopped"} 0
# HELP engine_daemon_engine_cpus_cpus The number of cpus that the host system of the engine has
# TYPE engine_daemon_engine_cpus_cpus gauge
engine_daemon_engine_cpus_cpus 1
# HELP engine_daemon_engine_info The information related to the engine and the OS it is running on
# TYPE engine_daemon_engine_info gauge
engine_daemon_engine_info{commit="3056208",daemon_id="THT4:XIW:DC67:XN04:3PPD:F7PS:KLQX:WIXK:PVWP:TMQ:P5ND",graphdriver="overlay2",kernel="5.15.0-102-generic",os="Ubuntu 22.04.1 LTS",os_type="linux",os_version="22.04",version="28.10.21"} 1
# HELP engine_daemon_engine_memory_bytes The number of bytes of memory that the host system of the engine has
# TYPE engine_daemon_engine_memory_bytes gauge
engine_daemon_engine_memory_bytes 2.0685258586e+99
# HELP engine_daemon_events_subscribers_total The number of current subscribers to events
# TYPE engine_daemon_events_subscribers_total gauge
engine_daemon_events_subscribers_total 0
# HELP engine_daemon_events_total The number of events logged
# TYPE engine_daemon_events_total counter
engine_daemon_events_total 6
# HELP engine_daemon_health_checks_failed_total The total number of failed health checks
# TYPE engine_daemon_health_checks_failed_total counter
engine_daemon_health_checks_failed_total 0
# HELP engine_daemon_health_checks_total The total number of health checks
# TYPE engine_daemon_health_checks_total counter
engine_daemon_health_checks_total 0
# HELP engine_daemon_host_info_functions_seconds The number of seconds it takes to call functions gathering info about the host
# TYPE engine_daemon_host_info_functions_seconds histogram
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.005"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.01"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.025"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.05"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.1"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.25"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.5"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="1"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="2.5"} 2
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="5"} 2

```

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      0 127.0.0.53:53              0.0.0.0:*             LISTEN    -
tcp     0      0 0.0.0.0:22                0.0.0.0:*             LISTEN    -
tcp6    0      0 ::1:9323                  ::*:                 LISTEN    -
tcp6    0      0 0 ::22                     ::*:                 LISTEN    -
ubuntu@ip-172-31-37-22:~$ sudo systemctl restart docker
ubuntu@ip-172-31-37-22:~$ docker run -it --name os1 centos
docker: Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://*2Fvar%2Frunk%2Fdocker.sock/v1.24/containers/create?name=os1": dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.
ubuntu@ip-172-31-37-22:~$ sudo docker run -it --name os1 centos
Unable to find image 'centos:latest' locally
latest: Pulling from library/centos
a1d0c7532777: Pull complete
Digest: sha256:a27fd8080b517143ccbba9dfb7c857lcl40d67d534bbdee55bd6c473f432b177
Status: Downloaded newer image for centos:latest
[root@ad8e7408cf55 ~]# exit
exit
ubuntu@ip-172-31-37-22:~$ sudo docker run -it --name os2 ubuntu
i-0f108efbe333ae7f6 (docker for prom-3)
```

Public IPs: 3.6.86.222 Private IPs: 172.31.37.22

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Type here to search PragmaEdge 22°C Cloudy ENG

Not secure | 3.6.86.222:9323/metrics

```
engine_daemon_container_actions_seconds_bucket{action="start",le="1"} 3
engine_daemon_container_actions_seconds_bucket{action="start",le="2.5"} 3
engine_daemon_container_actions_seconds_bucket{action="start",le="5"} 3
engine_daemon_container_actions_seconds_bucket{action="start",le="10"} 3
engine_daemon_container_actions_seconds_bucket{action="start",le="1inf"} 3
engine_daemon_container_actions_seconds_sum{action="start"} 0.9840223199999999
engine_daemon_container_actions_seconds_count{action="start"} 3
# HELP engine_daemon_container_states_containers The count of containers in various states
# TYPE engine_daemon_container_states_containers gauge
engine_daemon_container_states_containers{state="paused"} 0
engine_daemon_container_states_containers{state="running"} 1
engine_daemon_container_states_containers{state="stopped"} 1
# HELP engine_daemon_engine_cpus_cpus The number of cpus that the host system of the engine has
# TYPE engine_daemon_engine_cpus_cpus gauge
engine_daemon_engine_cpus_cpus 1
# HELP engine_daemon_engine_info The information related to the engine and the OS it is running on
# TYPE engine_daemon_engine_info gauge
engine_daemon_engine_info{architecture="x86_64",commit="3056208",daemon_id="IHT4:XIVM:HIWU:DC67:XdD4:3PPD:F7PS:KLQX:WXIK:PVMP:TMQ:P5ND",graphdriver="overlay2",kernel="5.15.0-1026-aws",os="Ubuntu 22.04.1 LTS",os_type="linux",os_version="22.04",version="20.10.21"} 1
# HELP engine_daemon_engine_memory_bytes The number of bytes of memory that the host system of the engine has
# TYPE engine_daemon_engine_memory_bytes gauge
engine_daemon_engine_memory_bytes 465525856e+89
# HELP engine_daemon_events_subscribers_total The number of current subscribers to events
# TYPE engine_daemon_events_subscribers_total gauge
engine_daemon_events_subscribers_total 0
# HELP engine_daemon_events_total The number of events logged
# TYPE engine_daemon_events_total counter
engine_daemon_events_total 14
# HELP engine_daemon_health_checks_failed_total The total number of failed health checks
# TYPE engine_daemon_health_checks_failed_total counter
engine_daemon_health_checks_failed_total 0
# HELP engine_daemon_health_checks_total The total number of health checks
# TYPE engine_daemon_health_checks_total counter
engine_daemon_health_checks_total 0
# HELP engine_daemon_host_info_functions_seconds The number of seconds it takes to call functions gathering info about the host
# TYPE engine_daemon_host_info_functions_seconds histogram
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.005"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.01"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.025"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.05"} 3
```

Type here to search PragmaEdge 22°C Cloudy ENG 21:07 12-12-2022

aws Services Search [Alt+5] Mumbai The Eshwar Kanna ...

```

Status: Downloaded newer image for centos:latest
[root@adbe7408cf55 ~]# exit
exit
ubuntu@ip-172-31-37-22:~$ sudo docker run -it --name os2 ubuntu
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
6e3729cf69e0: Pull complete
Digest: sha256:27cb6e6cce5f575a4698b66f5de06c7ecd61589132d5a91d098f7f3f9285415a9
Status: Downloaded newer image for ubuntu:latest
root@9933ee6200927:~# exit
exit
ubuntu@ip-172-31-37-22:~$ docker ps
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://$Fvar%2Frun%2Fdocker.sock/v1.24/containers/json": dial unix /var/run/docker.sock: connect: permission denied
ubuntu@ip-172-31-37-22:~$ sudo docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
ubuntu@ip-172-31-37-22:~$ sudo docker ps -a
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
9933ee6200927 ubuntu "bash" 41 seconds ago Exited (0) 12 seconds ago os2
adbe7408cf55 centos "/bin/bash" 3 minutes ago Exited (0) About a minute ago os1
ubuntu@ip-172-31-37-22:~$ docker run -dit --name os1 centos

```

i-0f108efbe333ae7f6 (docker for prom-3)

PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22

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Not secure | 3.6.86.222:9323/metrics

```

engine_daemon_container_actions_seconds_bucket{action="start",le="1"} 4
engine_daemon_container_actions_seconds_bucket{action="start",le="2.5"} 4
engine_daemon_container_actions_seconds_bucket{action="start",le="5"} 4
engine_daemon_container_actions_seconds_bucket{action="start",le="10"} 4
engine_daemon_container_actions_seconds_bucket{action="start",le="15"} 4
engine_daemon_container_actions_seconds_sum{action="start"} 1.335628351
engine_daemon_container_actions_seconds_count{action="start"} 4
# HELP engine_daemon_container_states_containers The count of containers in various states
# TYPE engine_daemon_container_states_containers gauge
engine_daemon_container_states_containers{state="paused"} 0
engine_daemon_container_states_containers{state="running"} 1
engine_daemon_container_states_containers{state="stopped"} 2
# HELP engine_daemon_engine_cpus_cpus The number of cpus that the host system of the engine has
# TYPE engine_daemon_engine_cpus_cpus gauge
engine_daemon_engine_cpus_cpus 1
# HELP engine_daemon_engine_info The information related to the engine and the OS it is running on
# TYPE engine_daemon_engine_info gauge
engine_daemon_engine_info{architecture="x86_64",commit="3056208",daemon_id="IHT4:XIVM:HIWU:DC67:XdD4:3PPD:F7PS:KLQX:WXIK:PVWP:TMQ:P5ND",graphdriver="overlay2",kernel="5.15.0-1026-aws",os="Ubuntu 22.04.1 LTS",os_type="linux",os_version="22.04",version="20.10.21"} 1
# HELP engine_daemon_engine_memory_bytes The number of bytes of memory that the host system of the engine has
# TYPE engine_daemon_engine_memory_bytes gauge
engine_daemon_engine_memory_bytes 465525856489
# HELP engine_daemon_events_subscribers_total The number of current subscribers to events
# TYPE engine_daemon_events_subscribers_total gauge
engine_daemon_events_subscribers_total 0
# HELP engine_daemon_events_total The number of events logged
# TYPE engine_daemon_events_total counter
engine_daemon_events_total 19
# HELP engine_daemon_health_checks_failed_total The total number of failed health checks
# TYPE engine_daemon_health_checks_failed_total counter
engine_daemon_health_checks_failed_total 0
# HELP engine_daemon_health_checks_total The total number of health checks
# TYPE engine_daemon_health_checks_total counter
engine_daemon_health_checks_total 0
# HELP engine_daemon_host_info_functions_seconds The number of seconds it takes to call functions gathering info about the host
# TYPE engine_daemon_host_info_functions_seconds histogram
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.005"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.01"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.025"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.05"} 3

```

Type here to search PragmaEdge 22°C Cloudy ENG 21:08 12-12-2022

ubuntu@ip-172-31-37-22:~\$ docker ps  
 Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://<ip>/v1.24/containers/json": dial unix /var/run/docker.sock: connect: permission denied

ubuntu@ip-172-31-37-22:~\$ sudo docker ps  
 CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  
 ubuntu@ip-172-31-37-22:~\$ sudo docker ps -a  
 CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  
 9933e6200927 ubuntu "bash" 41 seconds ago Exited (0) 12 seconds ago os2  
 ad8e7408cf55 centos "/bin/bash" 3 minutes ago Exited (0) About a minute ago os1  
 ubuntu@ip-172-31-37-22:~\$ docker run -dit --name os1 centos  
 docker: Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://<ip>/v1.24/containers/create?name=os1": dial unix /var/run/docker.sock: connect: permission denied.  
 See 'docker run --help'.  
 ubuntu@ip-172-31-37-22:~\$ sudo docker run -dit --name os1 centos  
 docker: Error response from daemon: Conflict. The container name "/os1" is already in use by container "ad8e7408cf55d230babe0333a8526ef9a65b53029aa5a5d14c7936ad82027948". You have to remove (or rename) that container to be able to reuse that name.  
 See 'docker run --help'.  
 ubuntu@ip-172-31-37-22:~\$ sudo docker run -dit --name os3 centos  
 ff9a795e3768c13ec27dc279bf5264fb1fc340c604f1b0f767ff3b796a04  
 ubuntu@ip-172-31-37-22:~\$ sudo docker run -dit --name os4 centos

i-0f108efbe333ae7f6 (docker for prom-3)  
 PublicIPs: 3.6.86.222 PrivateIPs: 172.31.37.22

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Cloud 22°C Cloudy 21:09 ENG 12-12-2022

Not secure | 3.6.86.222:9323/metrics

```
engine_daemon_container_actions_seconds_bucket{action="start",le="1"} 5
engine_daemon_container_actions_seconds_bucket{action="start",le="2.5"} 5
engine_daemon_container_actions_seconds_bucket{action="start",le="5"} 5
engine_daemon_container_actions_seconds_bucket{action="start",le="10"} 5
engine_daemon_container_actions_seconds_bucket{action="start",le="15"} 5
engine_daemon_container_actions_seconds_sum{action="start"} 1.733210721
engine_daemon_container_actions_seconds_count{action="start"} 5
# HELP engine_daemon_container_states_containers The count of containers in various states
# TYPE engine_daemon_container_states_containers gauge
engine_daemon_container_states_containers{state="paused"} 0
engine_daemon_container_states_containers{state="running"} 2
engine_daemon_container_states_containers{state="stopped"} 2
# HELP engine_daemon_engine_cpus_cpus The number of cpus that the host system of the engine has
# TYPE engine_daemon_engine_cpus_cpus gauge
engine_daemon_engine_cpus_cpus 1
# HELP engine_daemon_engine_info The information related to the engine and the OS it is running on
# TYPE engine_daemon_engine_info gauge
engine_daemon_engine_info{architecture="x86_64",commit="3056208",daemon_id="IHT4:XIVM:HIWU:DC67:XdD4:3PPD:F7PS:KLQX:WXIK:PVWP:TMQ:P5ND",graphdriver="overlay2",kernel="5.15.0-1026-aws",os="Ubuntu 22.04.1 LTS",os_type="linux",os_version="22.04",version="20.10.21"} 1
# HELP engine_daemon_engine_memory_bytes The number of bytes of memory that the host system of the engine has
# TYPE engine_daemon_engine_memory_bytes gauge
engine_daemon_engine_memory_bytes 465525856489
# HELP engine_daemon_events_subscribers_total The number of current subscribers to events
# TYPE engine_daemon_events_subscribers_total gauge
engine_daemon_events_subscribers_total 0
# HELP engine_daemon_events_total The number of events logged
# TYPE engine_daemon_events_total counter
engine_daemon_events_total 22
# HELP engine_daemon_health_checks_failed_total The total number of failed health checks
# TYPE engine_daemon_health_checks_failed_total counter
engine_daemon_health_checks_failed_total 0
# HELP engine_daemon_health_checks_total The total number of health checks
# TYPE engine_daemon_health_checks_total counter
engine_daemon_health_checks_total 0
# HELP engine_daemon_host_info_functions_seconds The number of seconds it takes to call functions gathering info about the host
# TYPE engine_daemon_host_info_functions_seconds histogram
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.005"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.01"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.025"} 3
engine_daemon_host_info_functions_seconds_bucket{function="operating_system",le="0.05"} 3
```

Cloud 22°C Cloudy 21:09 ENG 12-12-2022

The image consists of three vertically stacked screenshots of a Prometheus query interface, likely taken from a Windows desktop environment.

**Screenshot 1:** The search bar contains the query `engine_daemon_container_states_containers`. The results table shows three rows of data:

Series	Value
engine_daemon_container_states_containers{env="dev", instance="3.6.86.222.9323", job="dockerplatform", region="IN", state="paused", team="docker"}	0
engine_daemon_container_states_containers{env="dev", instance="3.6.86.222.9323", job="dockerplatform", region="IN", state="running", team="docker"}	2
engine_daemon_container_states_containers{env="dev", instance="3.6.86.222.9323", job="dockerplatform", region="IN", state="stopped", team="docker"}	2

**Screenshot 2:** The search bar contains the query `engine_daemon_container_states_containers{state="running"}`. The results table shows one row of data:

Series	Value
engine_daemon_container_states_containers{env="dev", instance="3.6.86.222.9323", job="dockerplatform", region="IN", state="running", team="docker"}	2

**Screenshot 3:** This screenshot is identical to Screenshot 2, showing the same query and result set.

The screenshot shows a Prometheus query results page. At the top, there are several tabs and a URL bar indicating the query was run on port 9090. Below the header, there are several configuration and search options. The main area displays a table of results for the query `process_cpu_seconds_total{job=~'linuxnode.*'}`. The table has two columns: the first column lists the metrics with their labels and values, and the second column lists the numerical values. A blue "Execute" button is visible at the top right of the search bar. On the right side of the results table, there are buttons for "Remove Panel" and "Add Panel". The bottom of the screen shows a Windows taskbar with various icons and system status information.

Metric	Value
process_cpu_seconds_total{env="prod", instance="65.1.64.200:9100", job="linuxnode2", region="US", team="web"}	1.86
process_cpu_seconds_total{env="test", instance="13.232.245.135:9100", job="linuxnode1", region="IN", team="web"}	4.54

Load time: 329ms Resolution: 14s Result series: 2

Add Panel Remove Panel

Type here to search PragmaEdge 22°C Cloudy 21:13 12-12-2022