

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'. In the bottom details panel, the 'Instance summary' tab is selected, showing the instance ID, public IP address (13.232.245.135), and private IP address (172.31.38.208).

The Prometheus monitoring system and time series database. [prometheus/prometheus](#)

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	878b5d6e165594415efca4a6873e877ba64e7a69d2095f5fcbc799bae491a78e4264
prometheus-2.37.5.linux-amd64.tar.gz	linux	amd64	80.08 MiB	a5284b2395a440cead8fd287bab6f91203e8765e023418ce452378285d6ce18
prometheus-2.37.5.windows-amd64.zip	windows	amd64	81.64 MiB	2d8bcf79e9398a174855236133a9ff5c00e40b40b4ccfc210f73415382ca0959a

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=AKIAIWNUYAX4CSVUEH53A4Z2F0221212%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=AKIAIWNUYAX4CSVUEH53A4Z2F0221212%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

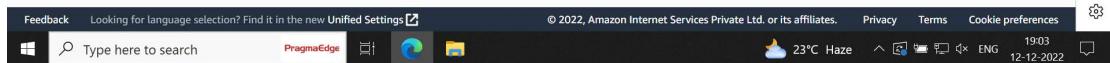
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Type here to search PragmaEdge 23°C Haze ENG 19:03 12-12-2022

```
[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-08ac637d1668efaae (prometheus)

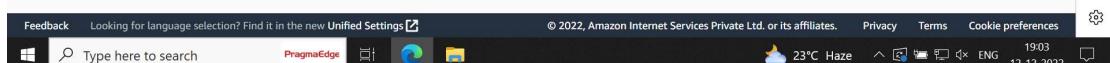
PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

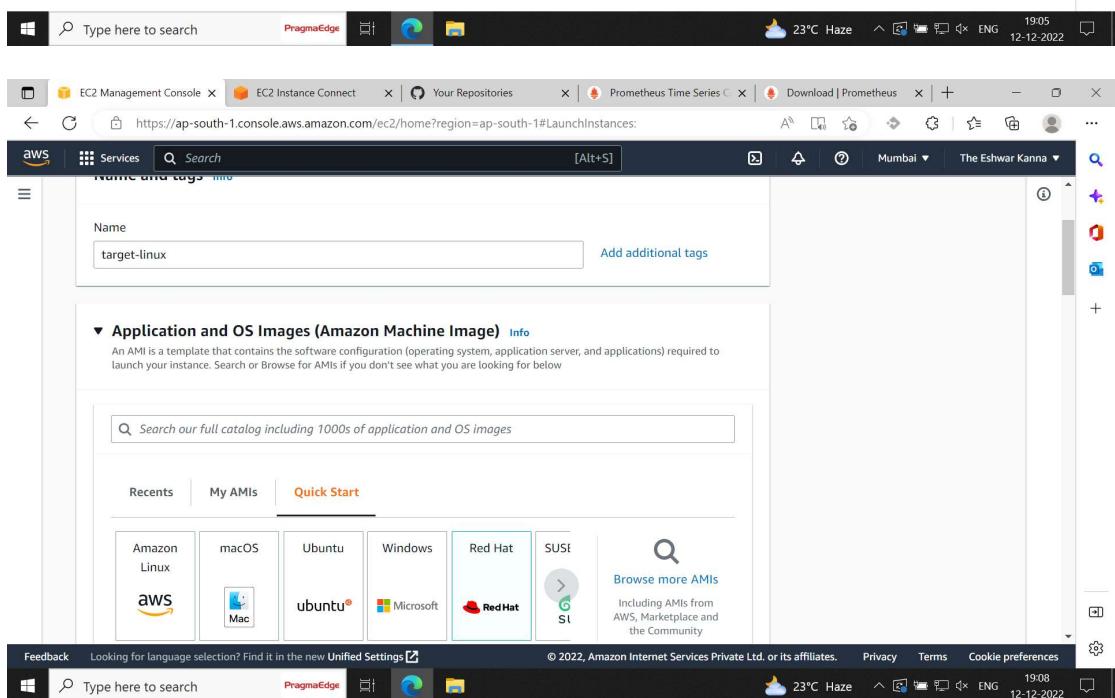
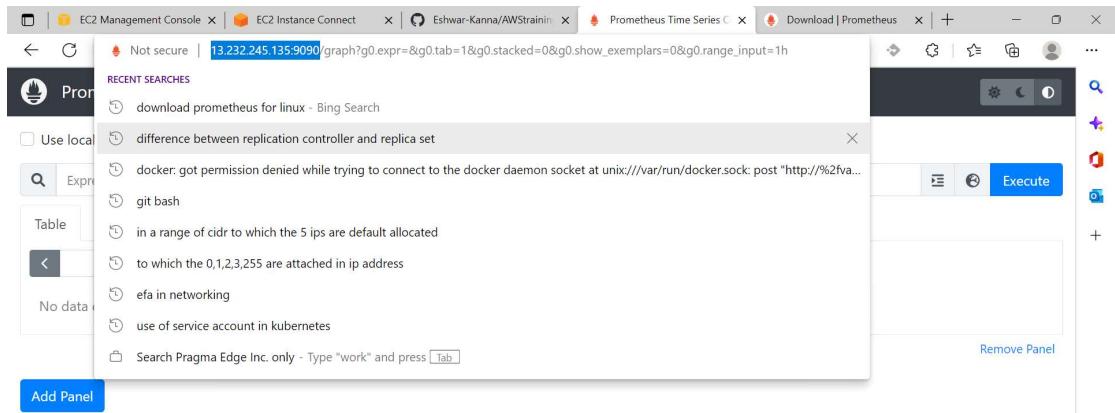


```
[root@ip-172-31-38-208 ~]# tar -xvf prometheus-2.40.6.linux-amd64.tar.gz
prometheus-2.40.6.linux-amd64/
prometheus-2.40.6.linux-amd64/prometheus
prometheus-2.40.6.linux-amd64/prometheus.yml
prometheus-2.40.6.linux-amd64/promtool
prometheus-2.40.6.linux-amd64/consoles/
prometheus-2.40.6.linux-amd64/consoles/prometheus.html
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-08ac637d1668efaae (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.l@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:

<https://prometheus.io/download/>

MySQLd Exporter - 0.14.0.windows-amd64.zip

File name	OS	Arch	Size	SHA256 Checksum
node_exporter-1.5.0.darwin-amd64.tar.gz	darwin	amd64	4.58 MiB	aa87d2553f1b194cd883826ce19ee2700f4fe6a0bcc4592b4c2884a3d2dc7ccb
node_exporter-1.5.0.linux-amd64.tar.gz	linux	amd64	9.71 MiB	a9099fd31ab54ed3a34b9f0b1c28e9ace0ef5ac5a5d5edfdde85437db7acbb

PromLens - The query builder, analyzer, and explainer for PromQL

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:

- Type here to search
- PragmaEdge
- File Explorer
- Edge
- File Manager
- File History
- Cloud
- 23°C Haze
- 19:11
- 12-12-2022

Windows Terminal Screenshot:

```
eshwar.1@PE-LP-195 MINGW64 ~
$ cd Downloads/
$ 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:MPNHA4drOFJXhxepQG+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]$ wget https://github.com/prometheus/node_exporter/releases/download/v1.5.0/node_exporter-1.5.0.linux-amd64.tar.gz
```

Windows Taskbar:

- Type here to search
- PragmaEdge
- File Explorer
- Edge
- File Manager
- File History
- Cloud
- 23°C Haze
- 19:12
- 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=9a0332b16d277ae89d7bf8f804a001a6afae1851aff30e1cc31ff3ad8f4efcc&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=9a0332b16d277ae89d7bf8f804a001a6afae1851aff30e1cc31ff3ad8f4efcc&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]
[ec2-user@ip-172-31-36-71 ~]$ ./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|hugectlfs|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)x)d[a-z]\$|nvme\dn\nd+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.

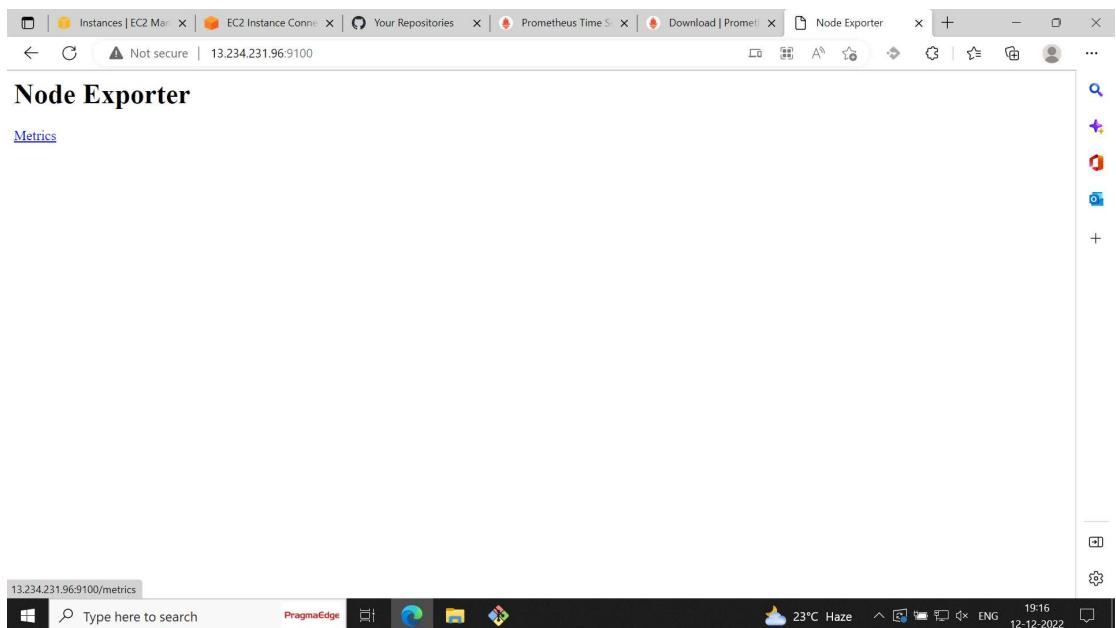
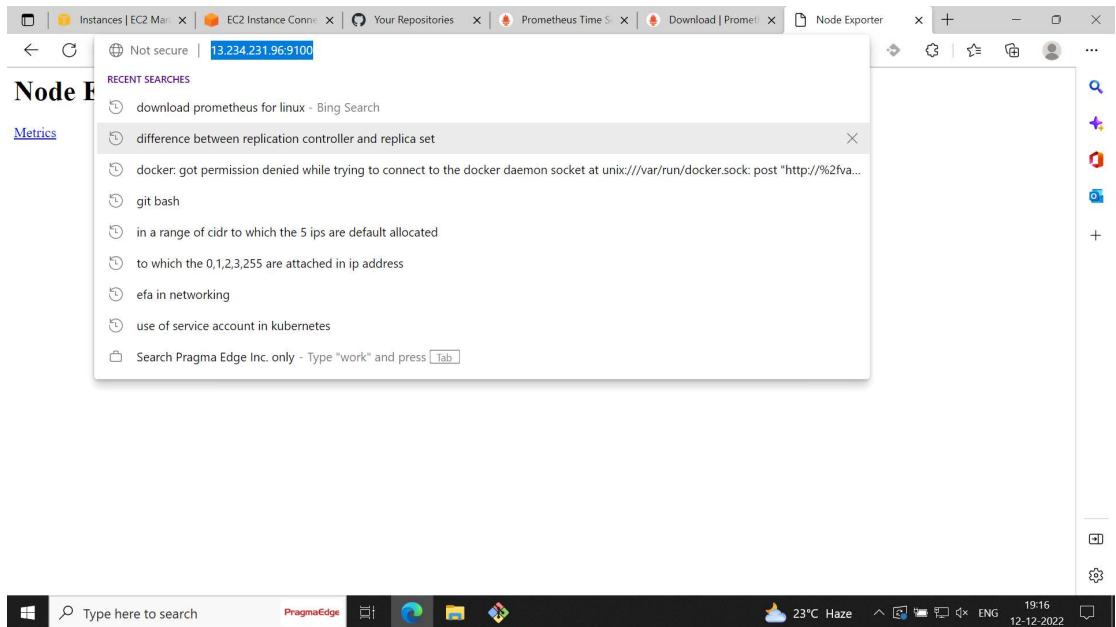
Installed:
  net-tools-2.0-0.62.20160912git.e19.x86_64

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'.

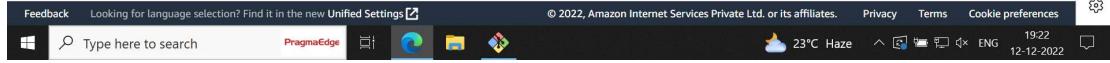
  static_configs:
    - targets: ["13.234.231.96:9100"]

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

-- INSERT --
```

i-08ac637d1668efaae (prometheus)

PublicIPs: 13.232.245.135 PrivateIPs: 172.31.38.208

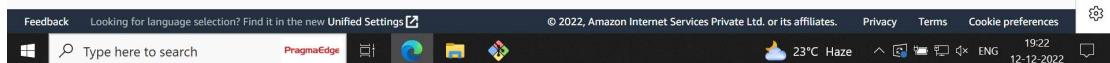


```
Amazon Linux 2 AMI
```

```
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

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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	

13.232.245.135:9090/targets

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

Targets

All Unhealthy Collapse All

Filter by endpoint or labels

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	

Type here to search

PrismaEdge

23°C Haze

19:35

12-12-2022