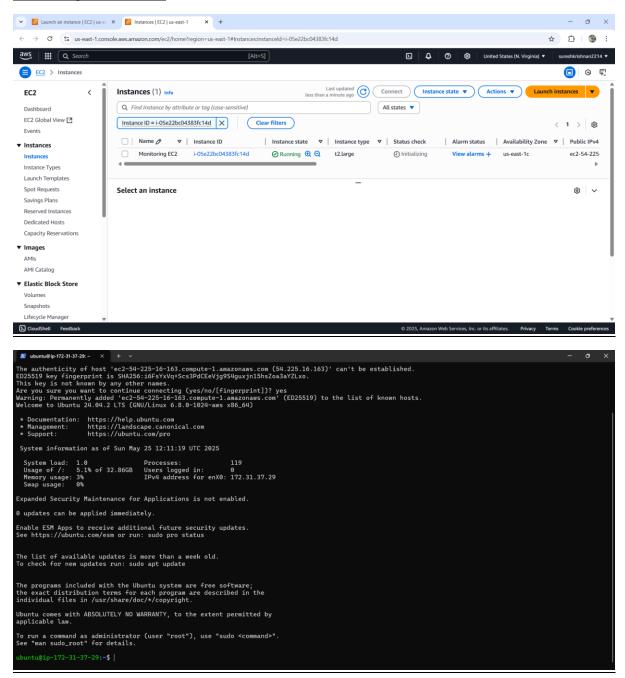
Monitoring Task

Connecting EC2 Instance:



Installing Prometheus:

```
ubuntu@ip-172-31-37-29:~  
sudo useradd --no-create-home --shell /bin/false prometheus ubuntu@ip-172-31-37-29:~$
```

```
wbuntu@ip-172-31-37-29:~ × + ∨

ubuntu@ip-172-31-37-29:~$ sudo useradd --no-create-home --shell /bin/false prometheus
ubuntu@ip-172-31-37-29:~$ sudo mkdir /etc/prometheus /var/lib/prometheus
ubuntu@ip-172-31-37-29:~$ |
```

```
wbuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo cp prometheus /usr/local/bin/
ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo cp prometheus /usr/local/bin/
ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo cp prometheus/
ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo cp -r console_libraries/ /etc/prometheus/
ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo cp prometheus.yml /etc/prometheus/
ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo chown -R prometheus.yml /etc/prometheus /var/lib/prometheus /usr/local/bin/prometheus-2.52.0.linux-amd64$ sudo chown -R prometheus-2.52.0.linux-amd64$ sudo chow
```

Creating systemd service:

Starting Prometheus:

```
ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo systemctl daemon-reexec ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo systemctl daemon-reload ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo systemctl enable prometheus Created symlink /etc/systemd/system/multi-user.target.wants/prometheus.service → /etc/systemd/system/prometheus.service.ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ sudo systemctl start prometheus ubuntu@ip-172-31-37-29:/tmp/prometheus-2.52.0.linux-amd64$ |
```

Installing Node Exporter:

```
ubuntu@ip-172-31-37-29:/tmp/node_exporter-1.8.0.linux-amd64$ sudo tee /etc/systemd/system/node_exporter.service > /dev/null <<EOF
[Unit]
Description=Node Exporter
After=network.target

[Service]
User=node_exporter
Group=node_exporter
Type=simple
ExecStart=/usr/local/bin/node_exporter

[Install]
WantedBy=multi-user.target
EOF
ubuntu@ip-172-31-37-29:/tmp/node_exporter-1.8.0.linux-amd64$ |</pre>
```

Starting Node Exporter:

```
wbuntu@ip-172-31-37-29:/tmm × + ∨

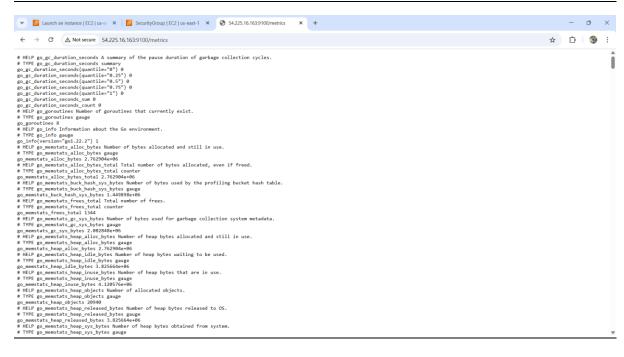
ubuntu@ip-172-31-37-29:/tmm/node_exporter-1.8.0.linux-amd64$ sudo systemctl daemon-reload

ubuntu@ip-172-31-37-29:/tmp/node_exporter-1.8.0.linux-amd64$ sudo systemctl enable node_exporter

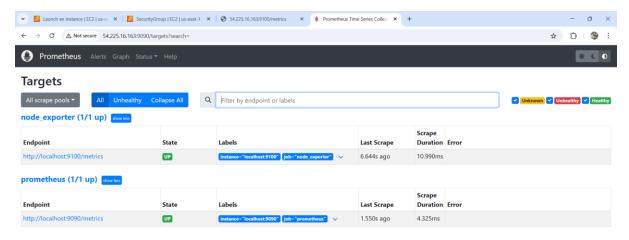
Created symlink /etc/systemd/system/multi-user.target.wants/node_exporter.service → /etc/systemd/system/node_exporter.service.

ubuntu@ip-172-31-37-29:/tmp/node_exporter-1.8.0.linux-amd64$ sudo systemctl start node_exporter

ubuntu@ip-172-31-37-29:/tmp/node_exporter-1.8.0.linux-amd64$ |
```



Connecting Node Exporter to Prometheus:



Installing Grafana:

```
Processing triggers for Rannards (2.12.0-40bultd8.4) ...
Processing triggers for Rannards (2.12.0-40bultd8.4) ...
Processing triggers for Rannards (2.12.0-40bultd8.4) ...
Processing triggers for Spul-hase (1.31) ...
Setting up Librontonfigliand84 (2.13.0-1.lubuntu2) ...
Processing triggers for Spul-hase (1.31) ...
Setting up Librontonfigliand84 (2.10.6-1.lubuntu2) ...
Processing triggers for Spul-hase (1.31) ...
Scanning Linux images...
Running kernel seems to be up-to-date.

No services need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hiparies.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
—202-06-25 12:30:59— https://dl.grafana.com/oss/release/grafana_10.4.2_amd64.deb
Roometing triggers for Rannards (2.10) Rannards
```

Starting Grafana:

