

# Grafana Dashboard

Install Grafana on our instance which queries our Prometheus server.

...

```
Copy wget https://s3-us-west-2.amazonaws.com/grafana-releases/release/grafana_8.1.4_amd64.deb sudo apt-get install -y adduser libfontconfig sudo dpkg -i grafana_8.1.4_amd64.deb
```

...

Enable the automatic start of Grafana bysystemd :

...

```
Copy sudo systemctl daemon-reload && sudo systemctl enable grafana-server && sudo systemctl start grafana-server
```

...

Grafana is running now, and we can connect to it at <http://your.server.ip:3000> . The default user and password is admin /admin .

Now you have to create a Prometheus data source:

- Click the Grafana logo to open the sidebar.
- Click “Data Sources” in the sidebar.
- Choose “Add New”.
- Select “Prometheus” as the data source
- Set the Prometheus server URL (in our case: <http://localhost:9090/>)
- Click “Add” to test the connection and to save the new data source
- 

Installing Cosmos SDK Grafana Dashboard

Finally, we're going to install a basic dashboard for Cosmos SDKs. For further reference in these steps, see: <https://github.com/zhangyelong/cosmos-dashboard>

Enable Tendermint Metrics

...

```
Copy sed -i 's/prometheus = false/prometheus = true/g' config/config.toml
```

...

After restarting your node, you should be able to access the tendermint metrics(default port is 26660) <http://localhost:26660>

Configure Prometheus Targets

Append a job under the scrape\_configs of your prometheus.yml

...

```
Copy - job_name: secret-network static_configs: - targets: ['26660'] labels: instance: validator - targets: ['26660'] labels: instance: sentry-0 - targets: ['26660'] labels: instance: sentry-1
```

...

Reload Prometheus Config

...

```
Copy curl -X POST http://:9090/-/reload
```

...

Import Grafana Dashboard

Copy and paste the [Grafana Dashboard ID 11036](#) OR content of [cosmos-dashboard.json](#) , click on Load to complete importing.

1. Set chain-id to secret-3
2. You're done!\
- 3.

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