# **Grafana Provisioning Configuration for GitHub Upload**

Below is the complete directory structure and file contents to add Grafana provisioning and dashboard definitions to your repository. Create these files in your smart-contracts-ci-cd repo.

smart-contracts-ci-cd/

├── grafana/

│ ├── dashboards/

│ │ └── ci\_metrics.json

│ └── provisioning/

│ ├── dashboards/

│ │ └── dashboards.yaml

│ └── datasources/

│ └── datasources.yaml

└── ... (other folders)

## **1. grafana/dashboards/ci\_metrics.json**

{

"dashboard": {

"title": "Smart Contract CI Metrics",

"panels": [

{

"type": "graph",

"title": "Batch Test Durations",

"targets": [

{ "expr": "test\_duration\_seconds{job=\"batch1\"}" },

{ "expr": "test\_duration\_seconds{job=\"batch2\"}" },

{ "expr": "test\_duration\_seconds{job=\"batch3\"}" },

{ "expr": "test\_duration\_seconds{job=\"batch4\"}" },

{ "expr": "test\_duration\_seconds{job=\"batch5\"}" },

{ "expr": "test\_duration\_seconds{job=\"batch6\"}" },

{ "expr": "test\_duration\_seconds{job=\"batch7\"}" }

],

"gridPos": { "h": 8, "w": 12, "x": 0, "y": 0 }

}

]

}

}

## **2. grafana/provisioning/dashboards/dashboards.yaml**

apiVersion: 1

providers:

- name: 'CI Metrics'

orgId: 1

folder: 'CI/CD'

type: file

disableDeletion: false

options:

path: /var/lib/grafana/dashboards

## **3. grafana/provisioning/datasources/datasources.yaml**

apiVersion: 1

datasources:

- name: Prometheus

type: prometheus

access: proxy

url: http://prometheus:9090

isDefault: true

### **Deployment Instructions**

* **Kubernetes/Helm:** Mount grafana/provisioning to /etc/grafana/provisioning and grafana/dashboards to /var/lib/grafana/dashboards in your Grafana container.

**Docker:** Use:  
  
 docker run -d -p 3000:3000 \

-v $(pwd)/grafana/provisioning:/etc/grafana/provisioning \

-v $(pwd)/grafana/dashboards:/var/lib/grafana/dashboards \

grafana/grafana

Once Grafana restarts, your **"Smart Contract CI Metrics"** dashboard will be automatically provisioned and ready to view. 🚀