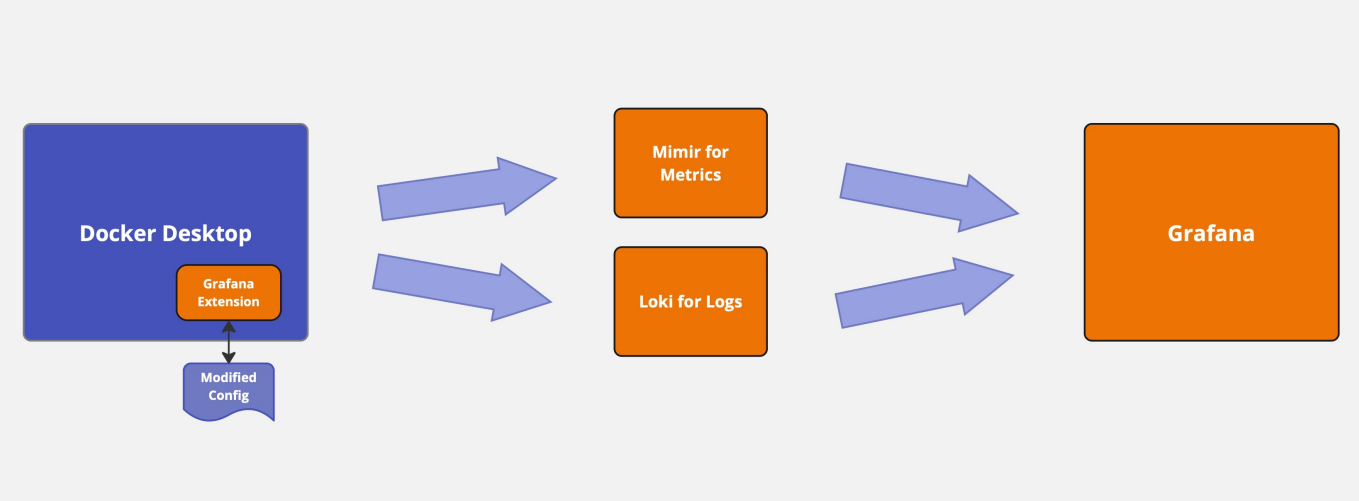
Next Steps

Disclaimer: The following is not created, maintained, or endorsed by Docker. It is a reference guide to show a known and tested path for monitoring Docker Desktop in a production appropriate way

If you've setup all-in-one monitoring for test purposes and want to move on to a production ready architecture like below



then you can follow these steps with any prometheus remote write compatible software and a log collection endpoint or use the suggested configurate to match the all-in-one deployment.

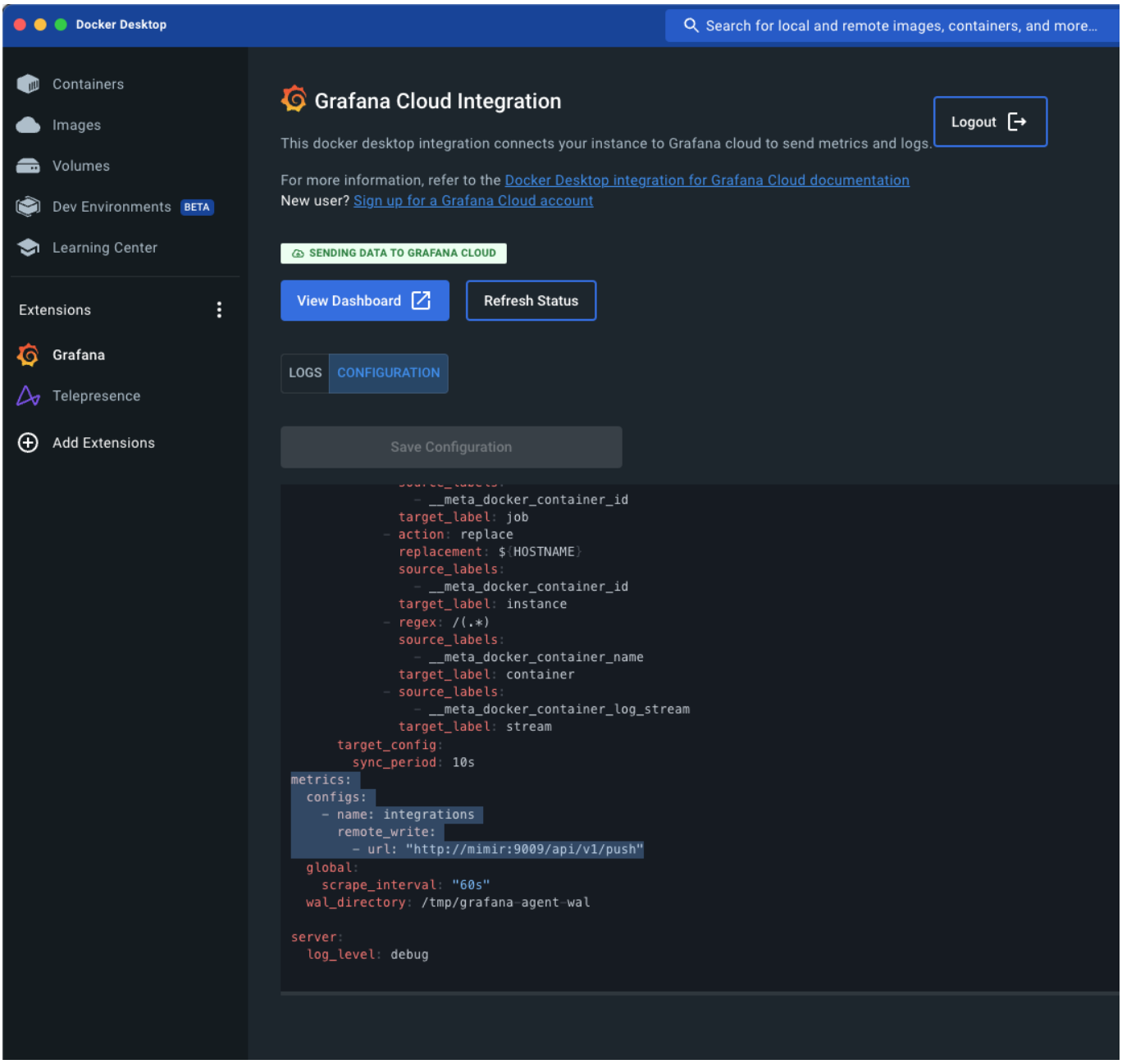
Step 1: Install Loki via one of the following options to a dedicated location

- Using Tanka
- Using Helm
- Using Docker/Docker Compose
- Using Downloadable Binary
- Using Source Code

Step 2: Install Mimir via one of the following options to a dedicated location

- Monolithic Mode
  - Using Docker
- Microservices Mode
  - Using Kubernetes
  - Using Puppet

Step 3: Update Docker Desktop Grafana Extension to point at your newly installed Loki and Mimir



Configuration sections that will need updating:

- node_exporter Section

```
...
    node_exporter:
    enabled: true
    relabel_configs:
      - replacement: ${HOSTNAME}
        target_label: instance
  prometheus_remote_write:
    - basic_auth:
        password: "<Password>"
        username: "<UserName>"
      url: "http://SomeIPAddressOrDNSNameForMimir:9009/api/v1/push"
```

- Logs Section

```
logs:
  configs:
    - clients:
        - basic_auth:
            password: "<Password>"
            username: "<UserName>"
          url:
"http://SomeIpAddressOrDNSNameForLoki:3100/loki/api/v1/push"
...
```

- Metrics Section

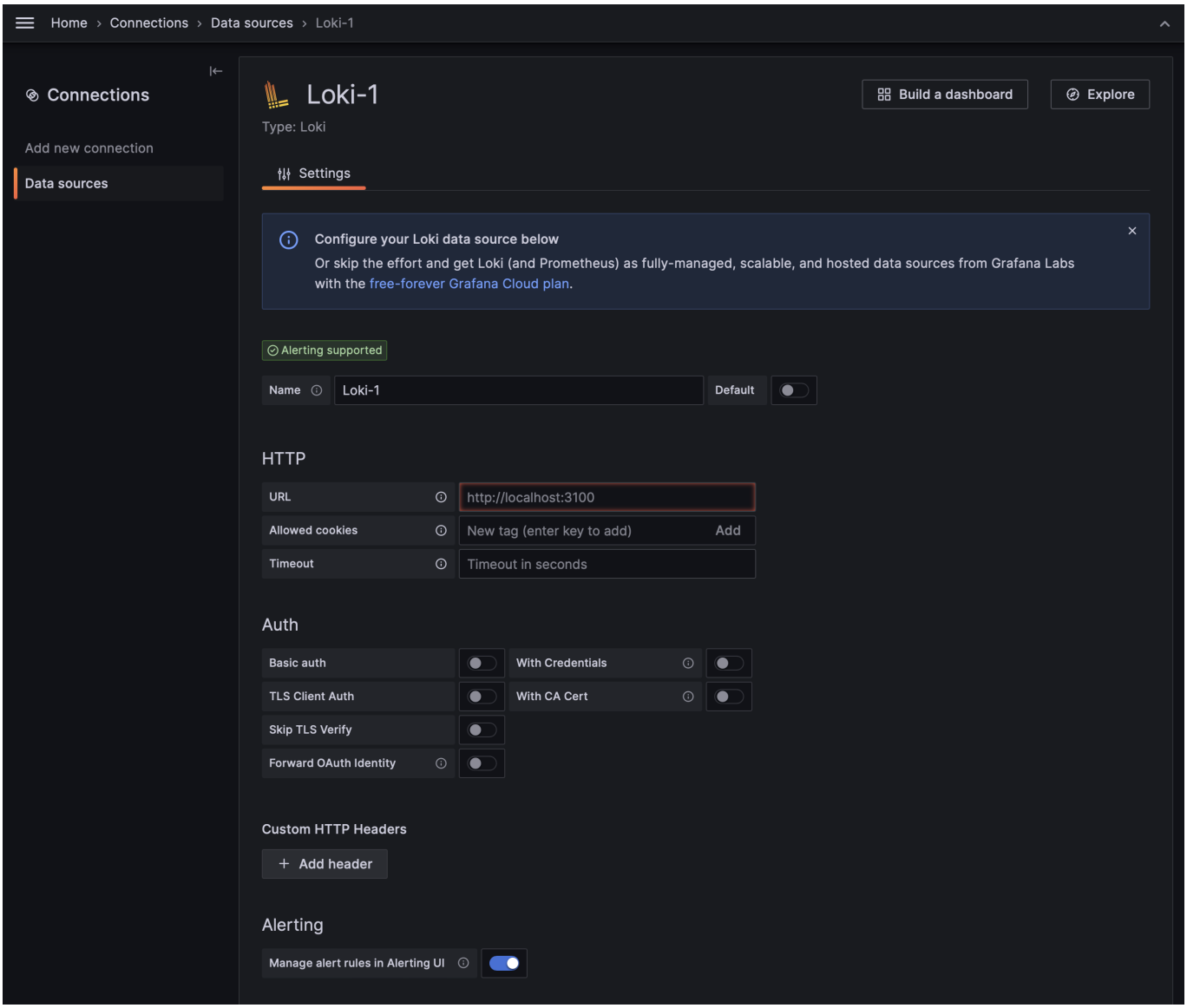
```
...
metrics:
  configs:
    - name: integrations
      remote_write:
       - basic_auth:
            password: "<Password>"
            username: "<UserName>"
         url: "http://SomeIPAddressOrDNSNameForMimir:9009/api/v1/push"
...
```

- Refer to the Metrics Section Configuration Documentation for more metrics configuration options.
- Refer to the Logs Section Configuration Documentation for more logs configuration options.

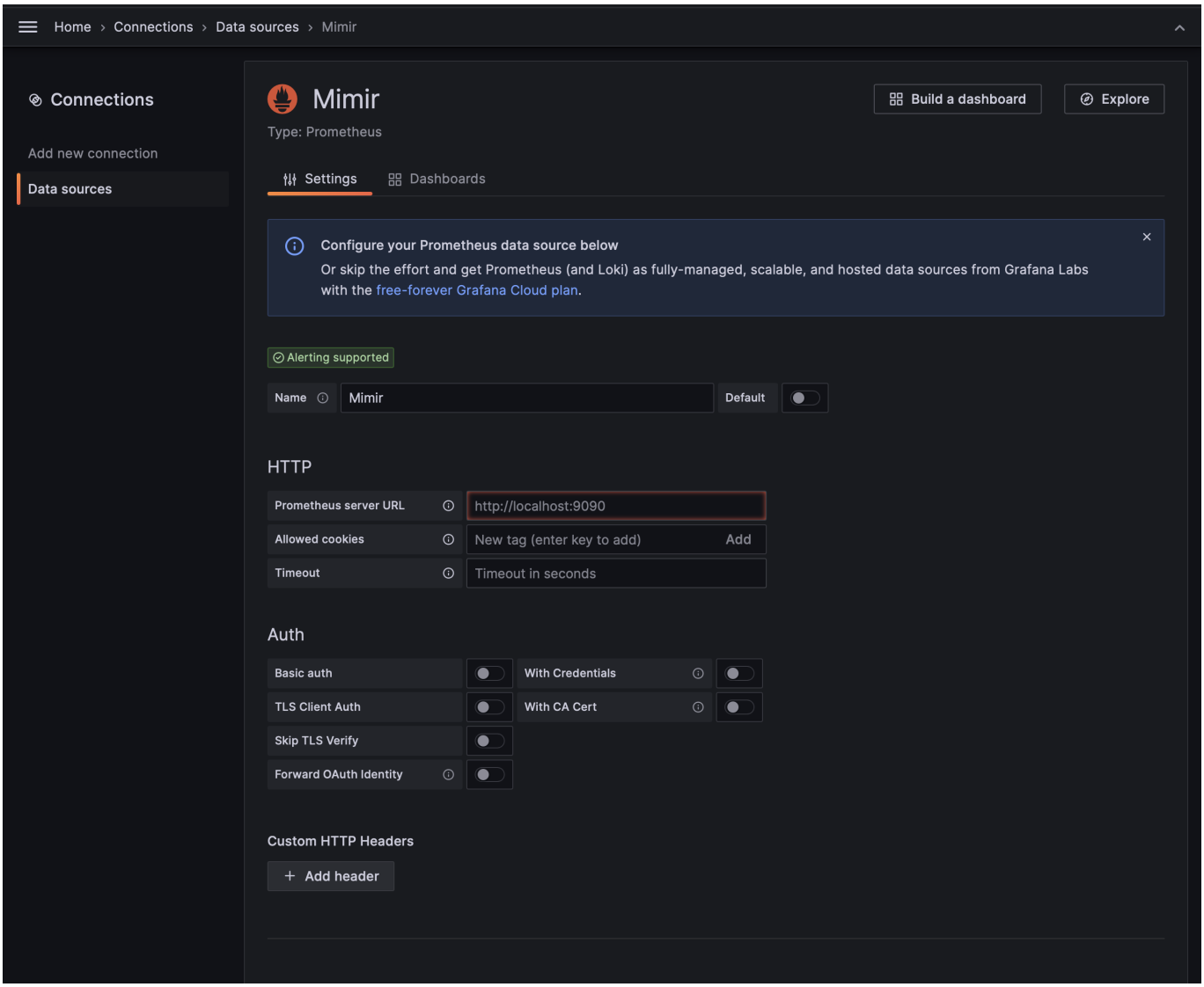
Step 4: Install Grafana to a dedicated location

Step 5: Point Grafana at Loki and Mimir

- Add Loki Connection

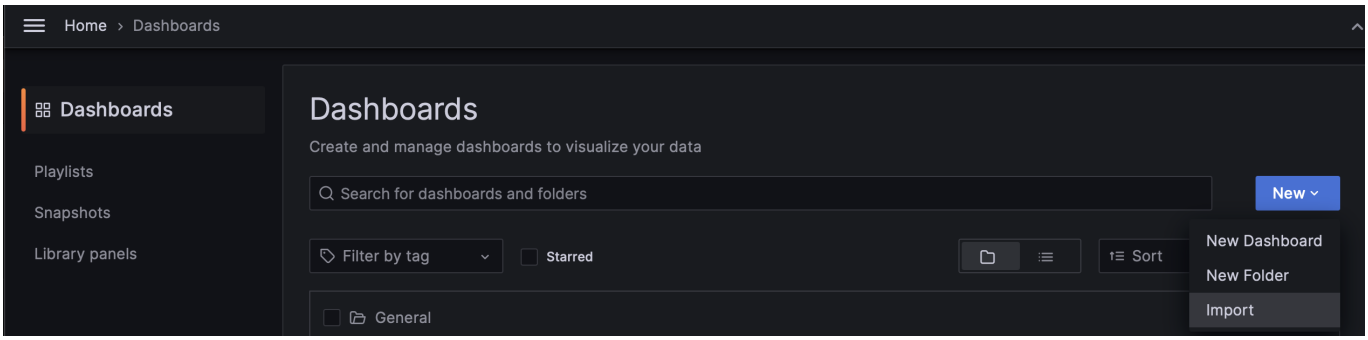


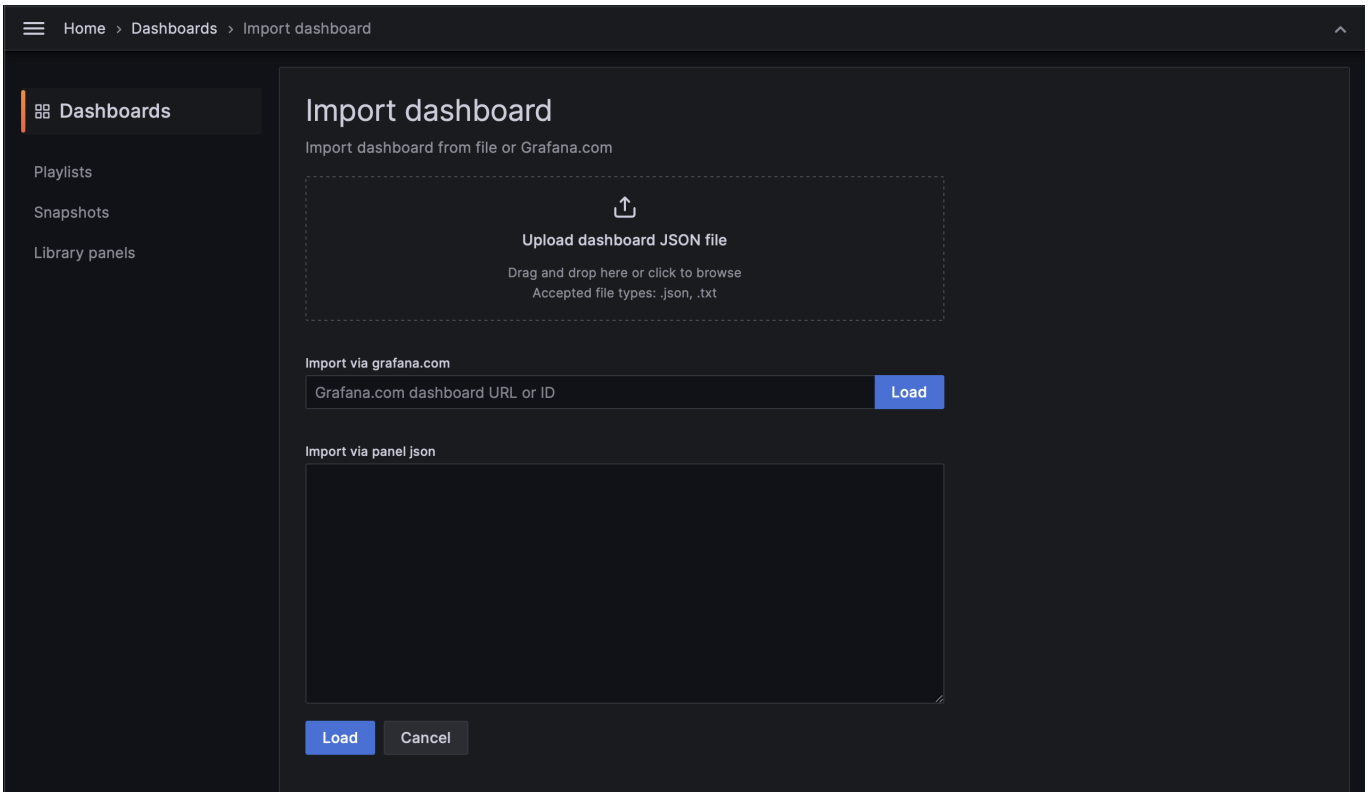
- Add Mimir (Prometheus) Connection



Step 6: Import Dashboards into Grafana

- Overview Dashboard
- Node Dashboard
- Logs Dashboard


Home › Dashboards
Dashboards
Playlists
Snapshots
Library panels
Dashboards
Create and manage dashboards to visualize your data
Search for dashboards and folders
New
Filter by tag
Starred
Sort
New Dashboard
New Folder
Import
General


Home › Dashboards › Import dashboard
Dashboards
Playlists
Snapshots
Library panels
Import dashboard
Import dashboard from file or Grafana.com
Upload dashboard JSON file
Drag and drop here or click to browse
Accepted file types: .json, .txt
Import via grafana.com
Grafana.com dashboard URL or ID
Load
Import via panel json
Load
Cancel