

## » grafana\_\_alert\_\_notification

The alert notification resource allows an alert notification channel to be created on a Grafana server.

### » Example Usage

```
resource "grafana_alert_notification" "email_someteam" {
  name = "Email that team"
  type = "email"
  is_default = false

  settings {
    "addresses" = "foo@example.net;bar@example.net"
    "uploadImage" = "false"
  }
}
```

### » Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the alert notification channel.
- **type** - (Required) The type of the alert notification channel.
- **is\_default** - (Optional) Is this the default channel for all your alerts.
- **settings** - (Optional) Additional settings, for full reference lookup Grafana HTTP API documentation.

### » Attributes Reference

The resource exports the following attributes:

- **id** - The ID of the resource

## » grafana\_\_dashboard

The dashboard resource allows a dashboard to be created on a Grafana server.

### » Example Usage

```
resource "grafana_dashboard" "metrics" {
```

```

    config_json = "${file("grafana-dashboard.json")}"
}

```

Dashboards can be exported from Grafana's web UI in JSON format and provided via the `config_json` argument.

The exported JSON will include references to Grafana data sources, but the data source configuration is not exported in this way. In order to fully manage a dashboard with Terraform, necessary data sources can be created using the `grafana_data_source` resource. In order to ensure that a data source is created before a dashboard that refers to it, use the `depends_on` meta-parameter:

```

    depends_on = ["grafana_data_source.metrics"]

```

## » Argument Reference

The following arguments are supported:

- `config_json` - (Required) The JSON configuration for the dashboard.

## » Attributes Reference

The resource exports the following attributes:

- `slug` - A URL "slug" for this dashboard, generated by Grafana by removing certain characters from the dashboard name given as part of the `config_json` argument. This can be used to generate the URL for a dashboard.

## » grafana\_\_data\_\_source

The data source resource allows a data source to be created on a Grafana server.

## » Example Usage

The required arguments for this resource vary depending on the type of data source selected (via the `type` argument). The following example is for InfluxDB. See Grafana's *Data Sources Guides* for more details on the supported data source types and the arguments they use.

For an InfluxDB datasource:

```

resource "grafana_data_source" "metrics" {
  type      = "influxdb"
  name      = "myapp-metrics"
}

```

```

url          = "http://influxdb.example.net:8086/"
username     = "myapp"
password     = "foobarbaz"
database_name = "${influxdb_database.metrics.name}"
}

```

For a CloudWatch datasource:

```

resource "grafana_data_source" "test_cloudwatch" {
  type = "cloudwatch"
  name = "cw-example"

  json_data {
    default_region = "us-east-1"
    auth_type      = "keys"
  }

  secure_json_data {
    access_key = "123"
    secret_key = "456"
  }
}

```

## » Argument Reference

The following arguments are supported:

- **type** - (Required) The data source type. Must be one of the data source keywords supported by the Grafana server.
- **name** - (Required) A unique name for the data source within the Grafana server.
- **url** - (Optional) The URL for the data source. The type of URL required varies depending on the chosen data source type.
- **is\_default** - (Optional) If true, the data source will be the default source used by the Grafana server. Only one data source on a server can be the default.
- **basic\_auth\_enabled** - (Optional) - If true, HTTP basic authentication will be used to make requests.
- **basic\_auth\_username** - (Required if **basic\_auth\_enabled** is true) The username to use for basic auth.
- **basic\_auth\_password** - (Required if **basic\_auth\_enabled** is true) The password to use for basic auth.

- **username** - (Required by some data source types) The username to use to authenticate to the data source.
- **password** - (Required by some data source types) The password to use to authenticate to the data source.
- **json\_data** - (Required by some data source types) The default region and authentication type to access the data source. **json\_data** is documented in more detail below.
- **secure\_json\_data** - (Required by some data source types) The access and secret keys required to access the data source. **secure\_json\_data** is documented in more detail below.
- **database\_name** - (Required by some data source types) The name of the database to use on the selected data source server.
- **access\_mode** - (Optional) The method by which the browser-based Grafana application will access the data source. The default is "proxy", which means that the application will make requests via a proxy endpoint on the Grafana server.

JSON Data (**json\_data**) supports the following:

- **auth\_type** - (Required by some data source types) The authentication type type used to access the data source.
- **default** - (Required by some data source types) The default region for the data source.
- **custom\_metrics\_namespaces** - (Optional, for the CloudWatch data source type) A comma-separated list of custom namespaces to be queried by the CloudWatch data source.
- **assume\_role\_arn** - (Optional, for the CloudWatch data source type) The role ARN to be assumed by Grafana when using the CloudWatch data source.

Secure JSON Data (**secure\_json\_data**) supports the following:

- **access\_key** - (Required by some data source types) The access key required to access the data source.
- **secret\_key** - (Required by some data source types) The secret key required to access the data source.

## » Attributes Reference

The resource exports the following attributes:

- **id** - The opaque unique id assigned to the data source by the Grafana server.