

InfluxDB Provider

The InfluxDB provider allows Terraform to create Databases in InfluxDB (<https://influxdb.com/>). InfluxDB is a database server optimized for time-series data.

The provider configuration block accepts the following arguments:

- `url` - (Optional) The root URL of a InfluxDB server. May alternatively be set via the `INFLUXDB_URL` environment variable. Defaults to `http://localhost:8086/`.
- `username` - (Optional) The name of the user to use when making requests. May alternatively be set via the `INFLUXDB_USERNAME` environment variable.
- `password` - (Optional) The password to use when making requests. May alternatively be set via the `INFLUXDB_PASSWORD` environment variable.
- `ssl_skip_verify` - (Optional) If HTTPS enabled on server, and TLS/SSL certificate is, say, self-signed, can set to true to bypass what this client considers insecure server connections. May alternatively be set via the environment (i.e., `INFLUXDB_SSL_SKIP_VERIFY=1`)

Use the navigation to the left to read about the available resources.

Example Usage

```
provider "influxdb" {
  url      = "http://influxdb.example.com/"
  username = "terraform"
}

resource "influxdb_database" "metrics" {
  name = "awesome_app"
}

resource "influxdb_continuous_query" "minnie" {
  name      = "minnie"
  database  = "${influxdb_database.metrics.name}"
  query     = "SELECT min(mouse) INTO min_mouse FROM zoo GROUP BY time(30m)"
}

resource "influxdb_user" "paul" {
  name      = "paul"
  password  = "super-secret"
}
```

influxdb_continuous_query

The continuous_query resource allows a continuous query to be created on an InfluxDB server.

Example Usage

```
resource "influxdb_database" "test" {
  name = "terraform-test"
}

resource "influxdb_continuous_query" "minnie" {
  name = "minnie"
  database = "${influxdb_database.test.name}"
  query = "SELECT min(mouse) INTO min_mouse FROM zoo GROUP BY time(30m)"
}
```

Argument Reference

The following arguments are supported:

- name - (Required) The name for the continuous_query. This must be unique on the InfluxDB server.
- database - (Required) The database for the continuous_query. This must be an existing influxdb database.
- query - (Required) The query for the continuous_query.

Attributes Reference

This resource exports no further attributes.

influxdb_database

The database resource allows a database to be created on an InfluxDB server.

Example Usage

```
resource "influxdb_database" "metrics" {
  name = "awesome_app"
}

resource "influxdb_database" "metrics_aggregation" {
  name = "testdb11"
  retention_policies = [
    {
      name = "52weeks",
      duration = "52w"
      default = "true"
    },
  ]
}
```

Argument Reference

The following arguments are supported:

- `name` - (Required) The name for the database. This must be unique on the InfluxDB server.
- `retention_policies` - (Optional) A list of retention policies for specified database

Each `retention_policies` supports the following:

- `name` - (Required) The name of the retention policy
- `duration` - (Required) The duration for retention policy, format of duration can be found at [InfluxDB Documentation](#)
- `replication` - (Optional) Determines how many copies of data points are stored in a cluster. Not applicable for single node / Open Source version of InfluxDB. Default value of 1.
- `default` - (Optional) Marks current retention policy as default. Default value is false.

Attributes Reference

This resource exports no further attributes.

influxdb_user

The user resource allows a user to be created on an InfluxDB server.

Example Usage

```
resource "influxdb_database" "green" {
  name = "terraform-green"
}

resource "influxdb_user" "paul" {
  name       = "paul"
  password   = "super-secret"

  grant {
    database = "${influxdb_database.green.name}"
    privilege = "write"
  }
}
```

Argument Reference

The following arguments are supported:

- `name` - (Required) The name for the user.
- `password` - (Required) The password for the user.
- `admin` - (Optional) Mark the user as admin.
- `grant` - (Optional) A list of grants for non-admin users

Each grant supports the following:

- `database` - (Required) The name of the database the privilege is associated with
- `privilege` - (Required) The privilege to grant (READ|WRITE|ALL)

Attributes Reference

- `admin` - (Bool) indication if the user is an admin or not.