

## » newrelic\_\_alert\_\_channel

Use this data source to get information about an specific alert channel in New Relic which already exists (e.g newrelic user).

### » Example Usage

```
data "newrelic_alert_channel" "foo" {
  name = "foo@example.com"
}

resource "newrelic_alert_policy" "foo" {
  name = "foo"
}

resource "newrelic_alert_policy_channel" "foo" {
  policy_id = "${newrelic_alert_policy.foo.id}"
  channel_id = "${newrelic_alert_channel.foo.id}"
}
```

### » Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the alert channel in New Relic.

### » Attributes Reference

- **id** - The ID of the alert channel.
- **type** - Alert channel type, either: `campfire`, `email`, `hipchat`, `opsgenie`, `pagerduty`, `slack`, `victorops`, or `webhook`..
- **policy\_ids** - A list of policy IDs associated with the alert channel.

## » newrelic\_\_application

Use this data source to get information about a specific application in New Relic.

## » Example Usage

```
data "newrelic_application" "app" {
  name = "my-app"
}

resource "newrelic_alert_policy" "foo" {
  name = "foo"
}

resource "newrelic_alert_condition" "foo" {
  policy_id = "${newrelic_alert_policy.foo.id}"

  name          = "foo"
  type          = "apm_app_metric"
  entities      = ["${data.newrelic_application.app.id}"]
  metric        = "apdex"
  runbook_url   = "https://www.example.com"

  term {
    duration      = 5
    operator      = "below"
    priority      = "critical"
    threshold     = "0.75"
    time_function = "all"
  }
}
```

## » Argument Reference

The following arguments are supported:

- `name` - (Required) The name of the application in New Relic.

## » Attributes Reference

- `id` - The ID of the application.
- `instance_ids` - A list of instance IDs associated with the application.
- `host_ids` - A list of host IDs associated with the application.

## » newrelic\_key\_transaction

Use this data source to get information about a specific key transaction in New Relic.

### » Example Usage

```
data "newrelic_key_transaction" "txn" {
  name = "txn"
}

resource "newrelic_alert_policy" "foo" {
  name = "foo"
}

resource "newrelic_alert_condition" "foo" {
  policy_id = "${newrelic_alert_policy.foo.id}"

  name          = "foo"
  type          = "apm_kt_metric"
  entities      = ["${data.newrelic_key_transaction.txn.id}"]
  metric        = "error_percentage"
  runbook_url   = "https://www.example.com"

  term {
    duration      = 5
    operator      = "below"
    priority      = "critical"
    threshold     = "0.75"
    time_function = "all"
  }
}
```

### » Argument Reference

The following arguments are supported:

- `name` - (Required) The name of the application in New Relic.

### » Attributes Reference

- `id` - The ID of the application.

## » newrelic\_\_synthetics\_\_monitor

Use this data source to get information about a specific synthetics monitor in New Relic. This can then be used to set up a synthetics alert condition.

### » Example Usage

```
data "newrelic_synthetics_monitor" "bar" {
  name = "bar"
}

resource "newrelic_synthetics_alert_condition" "baz" {
  policy_id = "${newrelic_alert_policy.foo.id}"

  name          = "baz"
  monitor_id    = "${data.newrelic_synthetics_monitor.bar.id}"
  runbook_url   = "https://www.example.com"
}
```

### » Argument Reference

The following arguments are supported:

- `name` - (Required) The name of the synthetics monitor in New Relic.

### » Attributes Reference

- `id` - The ID of the synthetics monitor.

## » newrelic\_\_alert\_\_channel

### » Example Usage

```
resource "newrelic_alert_channel" "foo" {
  name = "foo"
  type = "email"

  configuration = {
    recipients          = "foo@example.com"
    include_json_attachment = "1"
  }
}
```

```
}
```

## » Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the channel.
- **type** - (Required) The type of channel. One of: `campfire`, `email`, `hipchat`, `opsgenie`, `pagerduty`, `slack`, `victorops`, or `webhook`.
- **configuration** - (Required) A map of key / value pairs with channel type specific values.

## » Attributes Reference

The following attributes are exported:

- **id** - The ID of the channel.

## » Import

Alert channels can be imported using the `id`, e.g.

```
$ terraform import newrelic_alert_channel.main 12345
```

## » newrelic\_\_alert\_\_condition

### » Example Usage

```
data "newrelic_application" "app" {
  name = "my-app"
}

resource "newrelic_alert_policy" "foo" {
  name = "foo"
}

resource "newrelic_alert_condition" "foo" {
  policy_id = "${newrelic_alert_policy.foo.id}"

  name      = "foo"
  type      = "apm_app_metric"
  entities  = ["${data.newrelic_application.app.id}"]
  metric    = "apdex"
```

```

runbook_url = "https://www.example.com"

term {
    duration      = 5
    operator      = "below"
    priority      = "critical"
    threshold     = "0.75"
    time_function = "all"
}
}

```

## » Argument Reference

The following arguments are supported:

- **policy\_id** - (Required) The ID of the policy where this condition should be used.
- **name** - (Required) The title of the condition
- **type** - (Required) The type of condition. One of: `apm_app_metric`, `apm_jvm_metric`, `apm_kt_metric`, `servers_metric`, `browser_metric`, `mobile_metric`
- **entities** - (Required) The instance IDS associated with this condition.
- **metric** - (Required) The metric field accepts parameters based on the type set.
- **gc\_metric** - (Optional) A valid Garbage Collection metric e.g. `GC/G1 Young Generation`. This is required if you are using `apm_jvm_metric` with `gc_cpu_time` condition type.
- **violation\_close\_timer** - (Optional) Automatically close instance-based violations, including JVM health metric violations, after the number of hours specified. Must be: 1, 2, 4, 8, 12 or 24.
- **runbook\_url** - (Optional) Runbook URL to display in notifications.
- **condition\_scope** - (Optional) `instance` or `application`. This is required if you are using the JVM plugin in New Relic.
- **term** - (Required) A list of terms for this condition. See Terms below for details.
- **user\_defined\_metric** - (Optional) A custom metric to be evaluated.
- **user\_defined\_value\_function** - (Optional) One of: `average`, `min`, `max`, `total`, or `sample_size`.

## » Terms

The `term` mapping supports the following arguments:

- **duration** - (Required) In minutes, must be: 5, 10, 15, 30, 60, or 120.
- **operator** - (Optional) `above`, `below`, or `equal`. Defaults to `equal`.

- **priority** - (Optional) **critical** or **warning**. Defaults to **critical**.
- **threshold** - (Required) Must be 0 or greater.
- **time\_function** - (Required) **all** or **any**.

## » Attributes Reference

The following attributes are exported:

- **id** - The ID of the alert condition.

## » Import

Alert conditions can be imported using the **id**, e.g.

```
$ terraform import newrelic_alert_condition.main 12345
```

## » newrelic\_alert\_policy

### » Example Usage

```
resource "newrelic_alert_policy" "foo" {
  name = "foo"
}
```

### » Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the policy.
- **incident\_preference** - (Optional) The rollup strategy for the policy. Options include: **PER\_POLICY**, **PER\_CONDITION**, or **PER\_CONDITION\_AND\_TARGET**. The default is **PER\_POLICY**.

### » Attributes Reference

The following attributes are exported:

- **id** - The ID of the policy.
- **created\_at** - The time the policy was created.
- **updated\_at** - The time the policy was last updated.

## » Import

Alert policies can be imported using the id, e.g.

```
$ terraform import newrelic_alert_policy.main 12345
```

## » newrelic\_alert\_policy\_channel

### » Example Usage

```
resource "newrelic_alert_policy" "foo" {
  name = "foo"
}

resource "newrelic_alert_channel" "foo" {
  name = "foo"
  type = "email"

  configuration = {
    recipients          = "foo@example.com"
    include_json_attachment = "1"
  }
}

resource "newrelic_alert_policy_channel" "foo" {
  policy_id = "${newrelic_alert_policy.foo.id}"
  channel_id = "${newrelic_alert_channel.foo.id}"
}
```

### » Argument Reference

The following arguments are supported:

- `policy_id` - (Required) The ID of the policy.
- `channel_id` - (Required) The ID of the channel.

## » newrelic\_nrql\_alert\_condition

### » Example Usage

```
resource "newrelic_alert_policy" "foo" {
  name = "foo"
```



```

}

resource "newrelic_nrql_alert_condition" "foo" {
  policy_id = "${newrelic_alert_policy.foo.id}"

  name          = "foo"
  runbook_url   = "https://www.example.com"
  enabled       = true

  term {
    duration      = 5
    operator       = "below"
    priority       = "critical"
    threshold      = "1"
    time_function = "all"
  }

  nrql {
    query          = "SELECT count(*) FROM SyntheticCheck WHERE monitorId = '<monitorId>'"
    since_value    = "3"
  }

  value_function = "single_value"
}

```

## » Argument Reference

The following arguments are supported:

- **policy\_id** - (Required) The ID of the policy where this condition should be used.
- **name** - (Required) The title of the condition
- **runbook\_url** - (Optional) Runbook URL to display in notifications.
- **enabled** - (Optional) Set whether to enable the alert condition. Defaults to **true**.
- **term** - (Required) A list of terms for this condition. See Terms below for details.
- **nrql** - (Required) A NRQL query. See NRQL below for details.
- **value\_function** - (Optional) Possible values are **single\_value**, **sum**.

## » Terms

The **term** mapping supports the following arguments:

- **duration** - (Required) In minutes, must be: 1, 2, 3, 4, 5, 10, 15, 30, 60, or 120.
- **operator** - (Optional) **above**, **below**, or **equal**. Defaults to **equal**.
- **priority** - (Optional) **critical** or **warning**. Defaults to **critical**.
- **threshold** - (Required) Must be 0 or greater.
- **time\_function** - (Required) **all** or **any**.

## » NRQL

The `nrql` attribute supports the following arguments: \* **query** - (Required) The NRQL query to execute for the condition \* **since\_value** - (Required) The value to be used in the **SINCE <X> MINUTES AGO** clause for the NRQL query. Must be: 1, 2, 3, 4, or 5.

## » Attributes Reference

The following attributes are exported:

- **id** - The ID of the NRQL alert condition.

## » Import

Alert conditions can be imported using the `id`, e.g.

```
$ terraform import newrelic_nrql_alert_condition.main 12345
```

## » newrelic\_\_infra\_\_alert\_\_condition

### » Example Usage

```
resource "newrelic_alert_policy" "foo" {
  name = "foo"
}

resource "newrelic_infra_alert_condition" "foo" {
  policy_id = "${newrelic_alert_policy.foo.id}"

  name      = "High disk usage"
  type      = "infra_metric"
  event     = "StorageSample"
  select    = "diskUsedPercent"
  comparison = "above"
```

```

where      = "(`hostname` LIKE '%frontend%')"

critical {
  duration      = 25
  value         = 90
  time_function = "all"
}
}

```

## » Argument Reference

The following arguments are supported:

- **policy\_id** - (Required) The ID of the alert policy where this condition should be used.
- **name** - (Required) The Infrastructure alert condition's name.
- **enabled** - (Optional) Set whether to enable the alert condition. Defaults to **true**.
- **type** - (Required) The type of Infrastructure alert condition: "infra\_process\_running", "infra\_metric", or "infra\_host\_not\_reporting".
- **event** - (Required) The metric event; for example, system metrics, process metrics, storage metrics, or network metrics.
- **select** - (Required) The attribute name to identify the type of metric condition; for example, "network", "process", "system", or "storage".
- **comparison** - (Required) The operator used to evaluate the threshold value; "above", "below", "equal".
- **critical** - (Required) Identifies the critical threshold parameters for triggering an alert notification. See Thresholds below for details.
- **warning** - (Optional) Identifies the warning threshold parameters. See Thresholds below for details.
- **where** - (Optional) Infrastructure host filter for the alert condition.
- **process\_where** - (Optional) Any filters applied to processes; for example: "commandName = 'java'".
- **integration\_provider** - (Optional) For alerts on integrations, use this instead of **event**.

## » Thresholds

The **critical** and **warning** threshold mapping supports the following arguments:

- **duration** - (Required) Identifies the number of minutes the threshold must be passed or met for the alert to trigger. Threshold durations must be between 1 and 60 minutes (inclusive).

- **value** - (Optional) Threshold value, computed against the **comparison** operator. Supported by "infra\_metric" and "infra\_process\_running" alert condition types.
- **time\_function** - (Optional) Indicates if the condition needs to be sustained or to just break the threshold once; **all** or **any**. Supported by the "infra\_metric" alert condition type.

## » Attributes Reference

The following attributes are exported:

- **id** - The ID of the Infrastructure alert condition.

## » newrelic\_synthetics\_alert\_condition

### » Example Usage

```
data "newrelic_synthetics_monitor" "foo" {
  name = "foo"
}

resource "newrelic_synthetics_alert_condition" "foo" {
  policy_id = "${newrelic_alert_policy.foo.id}"

  name          = "foo"
  monitor_id    = "${data.newrelic_synthetics_monitor.foo.id}"
  runbook_url   = "https://www.example.com"
}
```

## » Argument Reference

The following arguments are supported:

- **policy\_id** - (Required) The ID of the policy where this condition should be used.
- **name** - (Required) The title of this condition.
- **monitor\_id** - (Required) The ID of the Synthetics monitor to be referenced in the alert condition.
- **runbook\_url** - (Optional) Runbook URL to display in notifications.
- **enabled** - (Optional) Set whether to enable the alert condition. Defaults to **true**.

## » Attributes Reference

The following attributes are exported:

- `id` - The ID of the Synthetics alert condition.

## » `newrelic_dashboard`

### » Example Usage

```
resource "newrelic_dashboard" "exampledash" {
  title = "New Relic Terraform Example"

  widget {
    title      = "Average Transaction Duration"
    row        = 1
    column     = 1
    width      = 2
    visualization = "faceted_line_chart"
    nrql       = "SELECT AVERAGE(duration) from Transaction FACET appName TIMESERIES auto"
  }

  widget {
    title      = "Page Views"
    row        = 1
    column     = 3
    visualization = "billboard"
    nrql       = "SELECT count(*) FROM PageView SINCE 1 week ago"
  }
}
```

## » Argument Reference

The following arguments are supported:

- `title` - (Required) The title of the dashboard.
- `icon` - (Optional) The icon for the dashboard. Defaults to `bar-chart`.
- `visibility` - (Optional) Who can see the dashboard in an account. Must be `owner` or `all`. Defaults to `all`.
- `widget` - (Optional) A widget that describes a visualization. See Widgets below for details.
- `editable` - (Optional) Who can edit the dashboard in an account. Must be `read_only`, `editable_by_owner`, `editable_by_all`, or `all`. Defaults to `editable_by_all`.

## » Widgets

The `widget` mapping supports the following arguments:

- `title` - (Required) A title for the widget.
- `visualization` - (Required) How the widget visualizes data.
- `row` - (Required) Row position of widget from top left, starting at 1.
- `column` - (Required) Column position of widget from top left, starting at 1.
- `width` - (Optional) Width of the widget. Defaults to 1.
- `height` - (Optional) Height of the widget. Defaults to 1.
- `notes` - (Optional) Description of the widget.
- `nrql` - (Optional) Valid NRQL query string. See Writing NRQL Queries for help.

## » Attributes Reference

The following attributes are exported:

- `id` - The ID of the dashboard.