LogicMonitor Provider

The LogicMonitor provider is used to interact with the resources supported by LogicMonitor. The provider needs to be configured with the proper credentials before it can be used.

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

Example Usage

```
provider "logicmonitor" {
  api_id = "${var.logicmonitor_api_id}"
  api_key = "${var.logicmonitor_api_key}"
  company = "${var.logicmonitor_company}"
}

#
resource "logicmonitor_device" "host" {
  ip_addr = "10.32.12.18"
  disable_alerting = true
  collector = "${data.logicmonitor_collectors.collectors.id}"
  hostgroup_id = "${logicmonitor_device_group.group1.id}"
  properties {
   "app" = "haproxy"
   "system.categories" = "a,b,c,d"
  }
}

resource "logicmonitor_device_group" "group1" {
    name = "NewGroup"
    properties {
     "jmx.port" = "9003"
     "system.categories" = "ec2"
    }
}

data "logicmonitor_collectors" "collectors" {
  most_recent = true
}
```

Argument Reference

The following arguments are supported:

- `api_id` - (Required) LogicMonitor API id. This can also be set via the `LM_API_ID` environment variable.
- `api_key` - (Required) LogicMonitor API key. This can also be set via the `LM_API_KEY` environment variable.
- `company` - (Required) LogicMonitor company name. This can also be set via the `LM_COMPANY` environment variable.

logicmonitor_collectors

Use this datasource to get the ID of an available collector.

Example Usage

```
# Look up a LogicMonitor collector id
data "logicmonitor_collectors" "collectors" {
  filters {
    "property" = "hostname"
    "operator" = "~"
    "value" = "test"
  },
"most_recent" = true
}
```

Argument Reference

The following arguments are supported:

- `size` - (Optional) The number of results to display. Max is 1000. Default is 50
- `offset` - (Optional) The number of results to offset the displayed results by. Default is 0
- `most_recent` - (Optional) The most recent collector installed that is online
- `filters` - (Optional) Filters the response according to the operator and value specified. Note that you can use * to match on more than one character. More Info: https://www.logicmonitor.com/support/rest-api-developers-guide/device-groups/get-device-groups/ (https://www.logicmonitor.com/support/rest-api-developers-guide/device-groups/get-device-groups/)

Nested filters blocks

Nested `filters` blocks have the following structure: `property{operator}value` * `property` - (Required if using filters) The name of filtered property. Currently the properties supported are `hostname` and `description` * `operator` - (Required if using filters) The type of operator. Currently the operators supported are `:` ~ `!:` `!~` * `value` - (Required if using filters) The value of the filtered property.

logicmonitor_device_group

Use this datasource to get the ID of an available device group.

Example Usage

```
# Look up a LogicMonitor device group id
data "logicmonitor_device_group" "devicegroups" {
  filters {
    "property" = "name"
    "operator" = ":"
    "value" = "Production"
  },

  filters {
    "custom_property_name" = "app.user"
    "operator" = ":"
    "custom_property_value" = "api"
  }
}
```

Argument Reference

The following arguments are supported:

- `size` - (Optional) The number of results to display. Max is 1000. Default is 50
- `offset` - (Optional) The number of results to offset the displayed results by. Default is 0
- `filters` - (Optional) Filters the response according to the operator and value specified. Note that you can use * to match on more than one character. More Info: https://www.logicmonitor.com/support/rest-api-developers-guide/device-groups/get-device-groups/ (https://www.logicmonitor.com/support/rest-api-developers-guide/device-groups/get-device-groups/)

Nested filters blocks

Nested `filters` blocks have the following structure: `property{operator}value` * `property` - (Required if using filters) The name of filtered property. * `operator` - (Required if using filters) The type of operator. * `value` - (Required if using filters) The value of the filtered property.

You can also do custom properties * `custom_property_name` - (Required if using filters and custom properties) The name of filtered custom property. * `operator` - (Required if using filters) The type of operator. * `custom_property_value` - (Required if using filters and custom properties) The value of the filtered custom property.

logicmonitor_collector

Provides a LogicMonitor collector resource. This can be used to create and manage LogicMonitor collectors.

Note: This resource will only create the collector device in your account. See Downloading a Collector Installer (https://www.logicmonitor.com/support/rest-api-developers-guide/collectors/downloading-a-collector-installer/) for information on how to download and install an existing collector.

Example Usage

```
# Create a new LogicMonitor collector
resource "logicmonitor_collector" "collector1" {
  description     = "my terraformed collector"
  enable_failback = true
}
```

Argument Reference

The following arguments are supported:

- `backup_collector_id` - (Optional) The Id of the failover Collector configured for this Collector
- `collector_group_id` - (Optional) The Id of the group the Collector is in
- `description` - (Optional) The Collector's description
- `enable_failback` - (Optional) Whether or not automatic failback is enabled for the Collector
- `enable_collector_device_failover` - (Optional) Whether or not the device the Collector is installed on is enabled for fail over
- `escalation_chain_id` - (Optional) The Id of the escalation chain associated with this Collector
- `resend_interval` - (Optional) The interval, in minutes, after which alert notifications for the Collector will be resent
- `suppress_alert_clear` - (Optional) Whether alert clear notifications are suppressed for the Collector

logicmonitor_collector_group

Provides a LogicMonitor collector group resource. This can be used to create and manage LogicMonitor collector groups

Example Usage

```
# Create a new LogicMonitor collector group
resource "logicmonitor_collector_group" "group1" {
  name  = "collector_group_1"
  description = "a new test group"
}
```

Argument Reference

The following arguments are supported:

- `name` - (Required) Name of collector group
- `description` - (Optional) Set description of collector group

logicmonitor_device

Provides a LogicMonitor device resource. This can be used to create and manage LogicMonitor devices

Example Usage

```
# Create a new LogicMonitor device
resource "logicmonitor_device" "host" {
  ip_addr = "10.32.12.18"
  disable_alerting = true
  collector = "2"
  properties {
   "app" = "haproxy"
   "system.categories" = "a,b,c,d"
  }
}
```

```
# Create a new LogicMonitor device and device group with some data source lookups and computed attributes
.
resource "logicmonitor_device" "host" {
  ip_addr = "10.32.12.18"
  disable_alerting = true
  collector = "${data.logicmonitor_collectors.collectors.id}"
  hostgroup_id = "${logicmonitor_device_group.group1.id}"
  properties {
   "app" = "haproxy"
   "system.categories" = "a,b,c,d"
  }
}

resource "logicmonitor_device_group" "group1" {
    name = "newgroup"
    properties {
     "system.categories" = "ec2"
     "jmx.port" = "3008"
     "snmp.version" = "v2c"
    }
}

data "logicmonitor_collectors" "collectors" {
  most_recent = true
}
```

Argument Reference

The following arguments are supported:

- `ip_addr` - (Required) Ip Address/Hostname of device
- `collector` - (required) The id of the collector that will monitoring the device
- `display_name` - (Optional) Display name of device, (default is ip_addr)
- `disable_alerting` - (Optional) The host is created with alerting disabled (default is true)

- `hostgroup_id` - (Optional) The host group id that specifies which group the device belongs to (multiple host group ids can be added, represented by a comma separated string)
- `properties` - (Optional) The properties associated with this device group. Any string value pair will work (see example).

Import

Devices can be imported using their device id or ip address/dns name

```
$ terraform import logicmonitor_device.host 751
$ terraform import logicmonitor_device.host server01.us-east-1.logicmonitor.net
```

logicmonitor_device_group

Provides a LogicMonitor device group resource. This can be used to create and manage LogicMonitor device groups

Example Usage

```
# Create a new LogicMonitor device group
resource "logicmonitor_device_group" "group" {
    name = "NewTestGroup"
    description = "new test group"
    properties {
     "group" = "test"
     "system.categories" = "a,b,c,d"
    }
}
```

```
# Create a new LogicMonitor dynamic device group
resource "logicmonitor_device_group" "group1" {
    name = "NewDynamicGroup"
    description = "new dynamic group"
    applies_to = "system.displayname =~ \"Prod\""
}
```

Argument Reference

The following arguments are supported:

- `name` - (Required) Name of device group
- `description` - (Optional) Description of device group
- `parent_id` - (Optional) The id of the parent group for this device group (the root device group has an Id of 1)
- `applies_to` - (Optional) The Applies to custom query for this group. Setting this field will make this a dynamic group.
- `disable_alerting` - (Optional) Indicates whether alerting is disabled (true) or enabled (false) for this device group
- `properties` - (Optional) The properties associated with this device group. Any string value pair will work (see example).

Import

Device Groups can be imported using their group id or full path

```
$ terraform import logicmonitor_device_group.group1 451
$ terraform import logicmonitor_device_group.group1 Production/SBA/Linux
```