

» rancher2__app

Use this data source to retrieve information about a Rancher v2 app.

» Example Usage

```
data "rancher2_app" "rancher2" {
  name = "foo"
  project_id = "<project_id>"
  target_namespace = "<namespace_name>"
}
```

» Argument Reference

- **name** - (Required) The app name (string)
- **project_id** - (Required) The id of the project where the app is deployed (string)
- **target_namespace** - (Optional/Computed) The namespace name where the app is deployed (string)

» Attributes Reference

- **id** - (Computed) The ID of the resource (string)
- **catalog_name** - (Computed) Catalog name of the app (string)
- **answers** - (Computed) Answers for the app (map)
- **description** - (Computed) Description for the app (string)
- **external_id** - (Computed) The URL of the helm catalog app (string)
- **revision_id** - (Computed) Current revision id for the app (string)
- **template_name** - (Computed) Template name of the app (string)
- **template_version** - (Computed) Template version of the app (string)
- **values_yaml** - (Computed) values.yaml file content for the app (string)
- **annotations** - (Computed) Annotations for the catalog (map)
- **labels** - (Computed) Labels for the catalog (map)

» rancher2__catalog

Use this data source to retrieve information about a Rancher v2 catalog.

» Example Usage

```
data "rancher2_catalog" "library" {  
  name = "catalog"  
}
```

» Argument Reference

- **name** - (Required) The catalog name.
- **scope** - (Optional) The scope of the catalog. `cluster`, `global`, and `project` are supported. Default `global` (string)

» Attributes Reference

- **id** - (Computed) The ID of the resource (string)
- **branch** - (Computed) The branch of the catalog repo to use (string)
- **cluster_id** - (Computed) The cluster id of the catalog (string)
- **description** - (Computed) A catalog description (string)
- **kind** - (Computed) The kind of the catalog. Just helm by the moment (string)
- **password** - (Computed/Sensitive) The password to access the catalog if needed (string)
- **project_id** - (Computed) The project id of the catalog (string)
- **username** - (Computed/Sensitive) The username to access the catalog if needed (string)
- **url** - (Computed) The url of the catalog repo (string)
- **annotations** - (Computed) Annotations for the catalog (map)
- **labels** - (Computed) Labels for the catalog (map)

» rancher2__certificate

Use this data source to retrieve information about a Rancher v2 certificate.

Depending of the availability, there are 2 types of Rancher v2 certificates: -
Project certificate: Available to all namespaces in the `project_id` - Namespaced
certificate: Available to just `namespace_id` in the `project_id`

» Example Usage

```
# Retrieve a rancher2 Project Certificate  
data "rancher2_certificate" "foo" {  
  name = "<name>"  
}
```

```

    project_id = "<project_id>"
  }

# Retrieve a rancher2 Namespaced Certificate
data "rancher2_certificate" "foo" {
  name = "<name>"
  project_id = "<project_id>"
  namespace_id = "<namespace_id>"
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the certificate (string)
- **project_id** - (Required) The project id where to assign the certificate (string)
- **namespace_id** - (Optional) The namespace id where to assign the namespaced certificate (string)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **certs** - (Computed) Base64 encoded certs (string)
- **description** - (Computed) A certificate description (string)
- **annotations** - (Computed) Annotations for certificate object (map)
- **labels** - (Computed) Labels for certificate object (map)

» rancher2__cloud__credential

Use this data source to retrieve information about a Rancher v2 Cloud Credential.

» Example Usage

```

data "rancher2_cloud_credential" "test" {
  name = "test"
}

```

» Argument Reference

- **name** - (Required) The Cloud Credential name.

» Attributes Reference

- **id** - (Computed) The ID of the resource (string)
- **annotations** - (Computed) Annotations for the Cloud Credential (map)
- **labels** - (Computed) Labels for the Cloud Credential (map)

» rancher2__cluster

Use this data source to retrieve information about a Rancher v2 cluster.

» Example Usage

```
data "rancher2__cluster" "foo-custom" {  
  name = "foo-custom"  
}
```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the Cluster (string)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **cluster_registration_token** - (Computed) Cluster Registration Token generated for the cluster (list maxitems:1)
- **default_project_id** - (Computed) Default project ID for the cluster (string)
- **driver** - (Computed) The driver used for the Cluster. `imported`, `azurekuberneteservice`, `amazonelasticcontainerservice`, `googlekubernetesengine` and `rancherKubernetesEngine` are supported (string)
- **kube_config** - (Computed) Kube Config generated for the cluster (string)
- **system_project_id** - (Computed) System project ID for the cluster (string)

- **rke_config** - (Computed) The rke configuration for **rke** Clusters. Conflicts with **aks_config**, **eks_config** and **gke_config** (list maxitems:1)
- **aks_config** - (Computed) The Azure aks configuration for **aks** Clusters. Conflicts with **eks_config**, **gke_config** and **rke_config** (list maxitems:1)
- **eks_config** - (Computed) The Amazon eks configuration for **eks** Clusters. Conflicts with **aks_config**, **gke_config** and **rke_config** (list maxitems:1)
- **gke_config** - (Computed) The Google gke configuration for **gke** Clusters. Conflicts with **aks_config**, **eks_config** and **rke_config** (list maxitems:1)
- **description** - (Computed) The description for Cluster (string)
- **cluster_auth_endpoint** - (Computed) Enabling the local cluster authorized endpoint allows direct communication with the cluster, bypassing the Rancher API proxy. (list maxitems:1)
- **default_pod_security_policy_template_id** - (Computed) Default pod security policy template id. **restricted** and **unrestricted** are supported (string)
- **enable_cluster_monitoring** - (Computed) Enable built-in cluster monitoring. Default **false** (bool)
- **enable_network_policy** - (Computed) Enable project network isolation. Default **false** (bool)
- **annotations** - (Computed) Annotations for Node Pool object (map)
- **labels** - (Computed) Labels for Node Pool object (map)

» rancher2_cluster_driver

Use this data source to retrieve information about a Rancher v2 Cluster Driver resource.

» Example Usage

```
data "rancher2_cluster_driver" "foo" {
  name = "foo"
}
```

» Argument Reference

- **name** - (Required) Name of the cluster driver (string)
- **url** - (Optional/Computed) The URL to download the machine driver binary for 64-bit Linux (string)

» Attributes Reference

- `id` - (Computed) The ID of the resource (string)
- `active` - (Computed) Specify if the cluster driver state (bool)
- `builtin` - (Computed) Specify wheter the cluster driver is an internal cluster driver or not (bool)
- `actual_url` - (Computed) Actual url of the cluster driver (string)
- `checksum` - (Computed) Verify that the downloaded driver matches the expected checksum (string)
- `ui_url` - (Computed) The URL to load for customized Add Clusters screen for this driver (string)
- `whitelist_domains` - (Computed) Domains to whitelist for the ui (list)
- `annotations` - (Computed) Annotations of the resource (map)
- `labels` - (Computed) Labels of the resource (map)

» rancher2__cluster__logging

Use this data source to retrieve information about a Rancher v2 Cluster Logging.

» Example Usage

```
data "rancher2_cluster_logging" "foo" {  
  cluster_id = "<cluster_id>"  
}
```

» Argument Reference

The following arguments are supported:

- `cluster_id` - (Required) The cluster id to configure logging (string)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)
- `kind` - (Computed) The kind of the Cluster Logging. `elasticsearch`, `fluentd`, `kafka`, `splunk` and `syslog` are supported (string)
- `elasticsearch_config` - (Computed) The elasticsearch config for Cluster Logging. For kind = `elasticsearch` (list maxitems:1)
- `fluentd_config` - (Computed) The fluentd config for Cluster Logging. For kind = `fluentd` (list maxitems:1)

- `kafka_config` - (Computed) The kafka config for Cluster Logging. For `kind = kafka` (list maxitems:1)
- `name` - (Computed) The name of the cluster logging config (string)
- `namespace_id` - (Computed) The namespace id from cluster logging (string)
- `output_flush_interval` - (Computed) How often buffered logs would be flushed. Default: 3 seconds (int)
- `output_tags` - (computed) The output tags for Cluster Logging (map)
- `splunk_config` - (Computed) The splunk config for Cluster Logging. For `kind = splunk` (list maxitems:1)
- `syslog_config` - (Computed) The syslog config for Cluster Logging. For `kind = syslog` (list maxitems:1)
- `annotations` - (Computed) Annotations for Cluster Logging object (map)
- `labels` - (Computed) Labels for Cluster Logging object (map)

» `rancher2_cluster_role_template_binding`

Use this data source to retrieve information about a Rancher v2 cluster role template binding.

» Example Usage

```
data "rancher2_cluster_role_template_binding" "foo" {
  name = "foo"
  cluster_id = "foo_id"
}
```

» Argument Reference

- `name` - (Required) The name of the cluster role template binding (string)
- `cluster_id` - (Required) The cluster id where bind cluster role template (string)
- `role_template_id` - (Optional/Computed) The role template id from create cluster role template binding (string)

» Attributes Reference

- `id` - (Computed) The ID of the resource (string)
- `group_id` - (Computed) The group ID to assign cluster role template binding (string)

- **group_principal_id** - (Computed) The group_principal ID to assign cluster role template binding (string)
- **user_id** - (Computed) The user ID to assign cluster role template binding (string)
- **user_principal_id** - (Computed) The user_principal ID to assign cluster role template binding (string)
- **annotations** - (Computed) Annotations of the resource (map)
- **labels** - (Computed) Labels of the resource (map)

» **rancher2_etcd_backup**

Use this data source to retrieve information about a Rancher v2 etcd backup.

» **Example Usage**

```
data "rancher2_etcd_backup" "foo" {
  cluster_id = "<CLUSTER_ID>"
  name       = "foo"
}
```

» **Argument Reference**

- **cluster_id** - (Required) Cluster ID to config Etcd Backup (string)
- **name** - (Required) The name of the Etcd Backup (string)

» **Attributes Reference**

- **id** - (Computed) The ID of the resource (string)
- **backup_config** - (Computed) Backup config for etcd backup (list max-items:1)
- **filename** - (Computed) Filename of the Etcd Backup (string)
- **manual** - (Computed) Manual execution of the Etcd Backup. Default false (bool)
- **namespace_id** - (Computed) Description for the Etcd Backup (string)
- **annotations** - (Computed) Annotations for Etcd Backup object (map)
- **labels** - (Computed) Labels for Etcd Backup object (map)

» rancher2__global__role__binding

Use this data source to retrieve information about a Rancher v2 global role binding.

» Example Usage

```
data "rancher2_global_role_binding" "foo" {
  name = "foo"
  global_role_id = "foo_id"
}
```

» Argument Reference

- **name** - (Required) The name of the global role binding (string)
- **global_role_id** - (Optional/Computed) The global role id (string)

» Attributes Reference

- **id** - (Computed) The ID of the resource (string)
- **user_id** - (Computed) The user ID to assign global role binding (string)
- **annotations** - (Computed) Annotations of the resource (map)
- **labels** - (Computed) Labels of the resource (map)

» rancher2__multi__cluster__app

Use this data source to retrieve information about a Rancher v2 multi cluster app.

» Example Usage

```
data "rancher2_multi_cluster_app" "foo" {
  name = "foo"
}
```

» Argument Reference

- **name** - (Required) The multi cluster app name (string)

» Attributes Reference

- `catalog_name` - (Computed) The multi cluster app catalog name (string)
- `id` - (Computed) The ID of the resource (string)
- `roles` - (Computed) The multi cluster app roles (list)
- `targets` - (Computed) The multi cluster app target projects (list)
- `template_name` - (Computed) The multi cluster app template name (string)
- `template_version` - (Computed) The multi cluster app template version (string)
- `template_version_id` - (Computed) The multi cluster app template version ID (string)
- `answers` - (Computed) The multi cluster app answers (list)
- `members` - (Computed) The multi cluster app members (list)
- `revision_history_limit` - (Computed) The multi cluster app revision history limit (int)
- `revision_id` - (Computed) Current revision id for the multi cluster app (string)
- `upgrade_strategy` - (Computed) The multi cluster app upgrade strategy (list)
- `annotations` - (Computed) Annotations for multi cluster app object (map)
- `labels` - (Computed) Labels for multi cluster app object (map)

» rancher2__namespace

Use this data source to retrieve information about a Rancher v2 namespace.

» Example Usage

```
data "rancher2_namespace" "foo" {
  name = "foo"
  project_id = "${rancher2_cluster.foo-custom.default_project_id}"
}
```

» Argument Reference

- `name` - (Required) The name of the namespace (string)
- `project_id` - (Required) The project id where namespace is assigned (string)

» Attributes Reference

- `id` - (Computed) The ID of the resource (string)
- `container_resource_limit` - (Computed) Default containers resource limits on namespace (List maxitem:1)
- `description` - (Computed) A namespace description (string)
- `resource_quota` - (Computed) Resource quota for namespace. Rancher v2.1.x or higher (list maxitems:1)
- `annotations` - (Computed) Annotations for Node Pool object (map)
- `labels` - (Computed) Labels for Node Pool object (map)

» `rancher2__node__driver`

Use this data source to retrieve information about a Rancher v2 Node Driver resource.

» Example Usage

```
data "rancher2__node__driver" "foo" {  
  name = "foo"  
}
```

» Argument Reference

- `name` - (Required) Name of the node driver (string)
- `url` - (Optional/Computed) The URL to download the machine driver binary for 64-bit Linux (string)

» Attributes Reference

- `id` - (Computed) The ID of the resource (string)
- `active` - (Computed) Specify if the node driver state (bool)
- `builtin` - (Computed) Specify whether the node driver is an internal cluster driver or not (bool)
- `checksum` - (Computed) Verify that the downloaded driver matches the expected checksum (string)
- `description` - (Computed) Description of the node driver (string)
- `external_id` - (Computed) External ID (string)
- `ui_url` - (Computed) The URL to load for customized Add Node screen for this driver (string)
- `whitelist_domains` - (Computed) Domains to whitelist for the ui (list)

- **annotations** - (Computed) Annotations of the resource (map)
- **labels** - (Computed) Labels of the resource (map)

» **rancher2__node__pool**

Use this data source to retrieve information about a Rancher v2 Node Pool resource.

» **Example Usage**

```
data "rancher2_node_pool" "foo" {
  cluster_id = "${rancher2_cluster.foo-custom.id}"
  name       = "foo"
}
```

» **Argument Reference**

- **cluster_id** - (Required) The rke cluster id to use Node Pool (string)
- **name** - (Required) The name of the Node Pool (string)
- **node_template_id** - (Optional/Computed) The Node Template ID to use for node creation (string)

» **Attributes Reference**

- **id** - (Computed) The ID of the resource (string)
- **hostname_prefix** - (Computed) The prefix for created nodes of the Node Pool (string)
- **quantity** - (Computed) The number of nodes to create on Node Pool (int)
- **control_plane** - (Computed) RKE control plane role for created nodes (bool)
- **etcd** - (Computed) RKE etcd role for created nodes (bool)
- **worker** - (Computed) RKE role role for created nodes (bool)
- **annotations** - (Computed) Annotations for Node Pool object (map)
- **labels** - (Computed) Labels for Node Pool object (map)

» **rancher2__node__template**

Use this data source to retrieve information about a Rancher v2 Node Template resource.

» Example Usage

```
data "rancher2_node_template" "foo" {  
  name = "foo"  
}
```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the Node Template (string)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **cloud_credential_id** - (Computed) Cloud credential ID for the Node Template. Required from rancher v2.2.x (string)
- **description** - (Computed) Description for the Node Template (string)
- **driver** - (Computed) The driver of the node template (string)
- **engine_env** - (Computed) Engine environment for the node template (string)
- **engine_insecure_registry** - (Computed) Insecure registry for the node template (list)
- **engine_install_url** - (Computed) Docker engine install URL for the node template (string)
- **engine_label** - (Computed) Engine label for the node template (string)
- **engine_opt** - (Computed) Engine options for the node template (map)
- **engine_registry_mirror** - (Computed) Engine registry mirror for the node template (list)
- **engine_storage_driver** - (Computed) Engine storage driver for the node template (string)
- **use_internal_ip_address** - (Computed) Engine storage driver for the node template (bool)
- **annotations** - (Computed) Annotations for Node Template object (map)
- **labels** - (Computed) Labels for Node Template object (map)

» rancher2__project

Use this data source to retrieve information about a Rancher v2 project. This data source can be used in conjunction with the Terraform Kubernetes provider to associate Namespaces with projects.

» Example Usage

```
data "rancher2_project" "system" {
  cluster_id = "${var.my_cluster_id}"
  name = "System"
}

resource "kubernetes_namespace" "my_namespace" {
  metadata {
    annotations {
      "field.cattle.io/projectId" = "${data.rancher2_project.system.id}"
    }
    name = "my-namespace"
  }
}
```

» Argument Reference

- `cluster_id` - (Required) ID of the Rancher 2 cluster (string)
- `name` - (Required) The project name (string)

» Attributes Reference

- `id` - (Computed) Cluster-wide unique ID of the Rancher 2 project (string)
- `container_resource_limit` - (Computed) Default containers resource limits on project (List maxitem:1)
- `enable_project_monitoring` - (Computed) Enable built-in project monitoring. Default false (bool)
- `pod_security_policy_template_id` - (Computed) Default Pod Security Policy ID for the project (string)
- `resource_quota` - (Computed) Resource quota for project. Rancher v2.1.x or higher (list maxitems:1)
- `uuid` - (Computed) UUID of the project as stored by Rancher 2 (string)
- `description` - (Computed) The project's description (string)
- `annotations` - (Computed) Annotations of the rancher2 project (map)
- `labels` - (Computed) Labels of the rancher2 project (map)

» rancher2__project__logging

Use this data source to retrieve information about a Rancher v2 Project Logging.

» Example Usage

```
data "rancher2_project_logging" "foo" {  
  project_id = "<project_id>"  
}
```

» Argument Reference

The following arguments are supported:

- `project_id` - (Required) The project id to configure logging (string)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)
- `kind` - (Computed) The kind of the Cluster Logging. `elasticsearch`, `fluentd`, `kafka`, `splunk` and `syslog` are supported (string)
- `elasticsearch_config` - (Computed) The elasticsearch config for Cluster Logging. For `kind = elasticsearch` (list maxitems:1)
- `fluentd_config` - (Computed) The fluentd config for Cluster Logging. For `kind = fluentd` (list maxitems:1)
- `kafka_config` - (Computed) The kafka config for Cluster Logging. For `kind = kafka` (list maxitems:1)
- `name` - (Computed) The name of the cluster logging config (string)
- `namespace_id` - (Computed) The namespace id from cluster logging (string)
- `output_flush_interval` - (Computed) How often buffered logs would be flushed. Default: 3 seconds (int)
- `output_tags` - (computed) The output tags for Cluster Logging (map)
- `splunk_config` - (Computed) The splunk config for Cluster Logging. For `kind = splunk` (list maxitems:1)
- `syslog_config` - (Computed) The syslog config for Cluster Logging. For `kind = syslog` (list maxitems:1)
- `annotations` - (Computed) Annotations for Cluster Logging object (map)
- `labels` - (Computed) Labels for Cluster Logging object (map)

» rancher2__project__role__template__binding

Use this data source to retrieve information about a Rancher v2 project role template binding.

» Example Usage

```
data "rancher2_project_role_template_binding" "foo" {
  name = "foo"
  project_id = "foo_id"
}
```

» Argument Reference

- **name** - (Required) The name of the project role template binding (string)
- **project_id** - (Required) The project id where bind project role template (string)
- **role_template_id** - (Optional/Computed) The role template id from create project role template binding (string)

» Attributes Reference

- **id** - (Computed) The ID of the resource (string)
- **group_id** - (Computed) The group ID to assign project role template binding (string)
- **group_principal_id** - (Computed) The group_principal ID to assign project role template binding (string)
- **user_id** - (Computed) The user ID to assign project role template binding (string)
- **user_principal_id** - (Computed) The user_principal ID to assign project role template binding (string)
- **annotations** - (Computed) Annotations of the resource (map)
- **labels** - (Computed) Labels of the resource (map)

» rancher2__registry

Use this data source to retrieve information about a Rancher v2 docker registry.

Depending of the availability, there are 2 types of Rancher v2 docker registries:

- Project registry: Available to all namespaces in the **project_id** - Namespaced registry: Available to just **namespace_id** in the **project_id**

» Example Usage

```
# Retrieve a rancher2 Project Registry
data "rancher2_registry" "foo" {
  name = "<name>"
}
```



```

    project_id = "<project_id>"
  }

# Retrieve a rancher2 Namespaced Registry
data "rancher2_registry" "foo" {
  name = "<name>"
  project_id = "<project_id>"
  namespace_id = "<namespace_id>"
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the registry (string)
- **project_id** - (Required) The project id where to assign the registry (string)
- **namespace_id** - (Optional) The namespace id where to assign the namespaced registry (string)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **registries** - (Computed) Registries data for registry (list)
- **description** - (Computed) A registry description (string)
- **annotations** - (Computed) Annotations for Registry object (map)
- **labels** - (Computed) Labels for Registry object (map)

» rancher2__secret

Use this data source to retrieve information about a Rancher v2 secret.

Depending of the availability, there are 2 types of Rancher v2 secrets: - Project secret: Available to all namespaces in the **project_id** - Namespaced secret: Available to just **namespace_id** in the **project_id**

» Example Usage

```

# Retrieve a rancher2 Project Secret
data "rancher2_secret" "foo" {
  name = "<name>"
}

```

```

    project_id = "<project_id>"
  }

# Retrieve a rancher2 Namespaced Secret
data "rancher2_secret" "foo" {
  name = "<name>"
  project_id = "<project_id>"
  namespace_id = "<namespace_id>"
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the secret (string)
- **project_id** - (Required) The project id where to assign the secret (string)
- **namespace_id** - (Optional) The namespace id where to assign the namespaced secret (string)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **data** - (Computed) Secret key/value data. Base64 encoding required for values (map)
- **description** - (Computed) A secret description (string)
- **annotations** - (Computed) Annotations for secret object (map)
- **labels** - (Computed) Labels for secret object (map)

» rancher2__setting

Use this data source to retrieve information about a Rancher v2 setting.

» Example Usage

```

data "rancher2_setting" "server-image" {
  name = "server-image"
}

```

» Argument Reference

- `name` - (Required) The setting name.

» Attributes Reference

- `value` - the setting's value.

» `rancher2__global__role__binding`

Use this data source to retrieve information about a Rancher v2 user

» Example Usage

```
data "rancher2_user" "foo" {
  name = "foo"
  global_role_id = "foo_id"
}
```

» Argument Reference

- `name` - (Required) The name of the global role binding (string)
- `global_role_id` - (Optional/Computed) The global role id (string)

» Attributes Reference

- `id` - (Computed) The ID of the resource (string)
- `user_id` - (Computed) The user ID to assign global role binding (string)
- `annotations` - (Computed) Annotations of the resource (map)
- `labels` - (Computed) Labels of the resource (map)

» `rancher2__app`

Provides a Rancher v2 app resource. This can be used to deploy apps within rancher v2 projects.

This resource can also modify rancher v2 apps in 3 ways: - **Update:** If `description`, `annotations` or `labels` arguments are modified the app will be updated. No new `revision_id` will be generated at rancher. - **Upgrade:** If

answers, catalog_name, template_name, template_version or values_yaml arguments are modified, the app will be upgraded. A new revision_id will be generated at rancher. - Rollback: If revision_id argument is provided or modified the app will be rolledback accordingly. A new revision_id will be generated at rancher. It will also generate a non empty tf plan that will require manual tf file edition. Use carefully.

Note: In case of multiple resource modification in a row, rollback has preference over upgrade.

» Example Usage

```
# Create a new rancher2 App
resource "rancher2_app" "foo" {
  catalog_name = "<catalog_name>"
  name = "foo"
  description = "Foo app"
  project_id = "<project_id>"
  template_name = "<template_name>"
  template_version = "<template_version>"
  target_namespace = "<namespace_name>"
  answers = {
    "ingress_host" = "test.xip.io"
    "foo" = "bar"
    "ingress.annotations.nginx.ingress.kubernetes.io/force-ssl-redirect" = true
  }
}

# Create a new rancher2 App in a new namespace
resource "rancher2_namespace" "foo" {
  name = "foo"
  description = "Foo namespace"
  project_id = "<project_id>"
  resource_quota {
    limit {
      limits_cpu = "100m"
      limits_memory = "100Mi"
      requests_storage = "1Gi"
    }
  }
}

resource "rancher2_app" "foo" {
  catalog_name = "<catalog_name>"
  name = "foo"
  description = "Foo app"
```

```

project_id = "<project_id>"
template_name = "<template_name>"
template_version = "<template_version>"
target_namespace = "${rancher2_namespace.foo.name}"
answers = {
  "ingress_host" = "test.xip.io"
  "foo" = "bar"
  "ingress.annotations.nginx.ingress.kubernetes.io/force-ssl-redirect" = true
}
}

```

» Argument Reference

The following arguments are supported:

- **catalog_name** - (Required) Catalog name of the app. For use scoped catalogs:
 - add cluster ID before name, `c-XXXXX:<name>`
 - add project ID before name, `p-XXXXX:<name>`
- **external_id** - (Required) The url of the app template on a catalog. If modified, app will be upgraded (string)
- **name** - (Required/ForceNew) The name of the app (string)
- **project_id** - (Required/ForceNew) The project id where the app will be installed (string)
- **target_namespace** - (Required/ForceNew) The namespace name where the app will be installed (string)
- **template_name** - (Required) Template name of the app (string)
- **answers** - (Optional/Computed) Answers for the app template. If modified, app will be upgraded (map)
- **description** - (Optional/Computed) Description for the app (string)
- **force_upgrade** - (Optional) Force app upgrade (string)
- **revision_id** - (Optional/Computed) Current revision id for the app. If modified, If this argument is provided or modified, app will be rollbacked to **revision_id** (string)
- **template_version** - (Optional/Computed) Template version of the app. Default: `latest` (string)
- **values_yaml** - (Optional/Computed) values.yaml file content for the app template. If modified, app will be upgraded (string)
- **annotations** - (Optional/Computed) Annotations for App object (map)
- **labels** - (Optional/Computed) Labels for App object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_app` provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating apps.
- **update** - (Default 10 minutes) Used for app modifications.
- **delete** - (Default 10 minutes) Used for deleting apps.

» Import

Apps can be imported using the app ID in the format `<project_id>:<app_name>`

```
$ terraform import rancher2_app.foo <project_id>:<app_name>
```

» rancher2__auth__config__activedirectory

Provides a Rancher v2 Auth Config ActiveDirectory resource. This can be used to configure and enable Auth Config ActiveDirectory for rancher v2 rke clusters and retrieve their information.

Beside local, just one auth config provider could be enabled at once.

» Example Usage

```
# Create a new rancher2 Auth Config ActiveDirectory
resource "rancher2_auth_config_activedirectory" "activedirectory" {
  servers = ["<ACTIVEDIRECTORY_SERVER>"]
  service_account_username = "<SERVICE_DN>"
  service_account_password = "<SERVICE_PASSWORD>"
  user_search_base = "<SEARCH_BASE>"
  port = <ACTIVEDIRECTORY_PORT>
}
```

» Argument Reference

The following arguments are supported:

- **servers** - (Required) ActiveDirectory servers list (list)
- **service_account_username** - (Required/Sensitive) Service account DN for access ActiveDirectory service (string)

- **service_account_password** - (Required/Sensitive) Service account password for access ActiveDirectory service (string)
- **user_search_base** - (Required) User search base DN (string)
- **access_mode** - (Optional) Access mode for auth. **required**, **restricted**, **unrestricted** are supported. Default **unrestricted** (string)
- **allowed_principal_ids** - (Optional) Allowed principal ids for auth. Required if **access_mode** is **required** or **restricted**. Ex: **activedirectory_user://<DN> activedirectory_group://<DN>** (list)
- **certificate** - (Optional/Sensitive) CA certificate for TLS if selfsigned (string)
- **connection_timeout** - (Optional) ActiveDirectory connection timeout. Default 5000 (int)
- **default_login_domain** - (Optional) ActiveDirectory default login domain (string)
- **enabled** - (Optional) Enable auth config provider. Default **true** (bool)
- **group_dn_attribute** - (Optional/Computed) Group DN attribute. Default **distinguishedName** (string)
- **group_member_mapping_attribute** - (Optional/Computed) Group member mapping attribute. Default **member** (string)
- **group_member_user_attribute** - (Optional/Computed) Group member user attribute. Default **distinguishedName** (string)
- **group_name_attribute** - (Optional/Computed) Group name attribute. Default **name** (string)
- **group_object_class** - (Optional/Computed) Group object class. Default **group** (string)
- **group_search_attribute** - (Optional/Computed) Group search attribute. Default **sAMAccountName** (string)
- **group_search_base** - (Optional/Computed) Group search base (string)
- **group_search_filter** - (Optional/Computed) Group search filter (string)
- **nested_group_membership_enabled** - (Optional/Computed) Nested group membership enable. Default **false** (bool)
- **port** - (Optional) ActiveDirectory port. Default 389 (int)
- **user_disabled_bit_mask** - (Optional) User disabled bit mask. Default 2 (int)
- **user_enabled_attribute** - (Optional/Computed) User enable attribute (string)
- **user_login_attribute** - (Optional/Computed) User login attribute. Default **sAMAccountName** (string)
- **user_name_attribute** - (Optional/Computed) User name attribute. Default **name** (string)
- **user_object_class** - (Optional/Computed) User object class. Default **person** (string)
- **user_search_attribute** - (Optional/Computed) User search attribute. Default **sAMAccountName|sn|givenName** (string)
- **user_search_filter** - (Optional/Computed) User search filter (string)

- `tls` - (Optional/Computed) Enable TLS connection (bool)
- `annotations` - (Optional/Computed) Annotations of the resource (map)
- `labels` - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)
- `name` - (Computed) The name of the resource (string)
- `type` - (Computed) The type of the resource (string)

» `rancher2_auth_config_adfs`

Provides a Rancher v2 Auth Config ADFS resource. This can be used to configure and enable Auth Config ADFS for rancher v2 custom clusters and retrieve their information.

Beside local, just one auth config provider could be enabled at once.

» Example Usage

```
# Create a new rancher2 Auth Config ADFS
resource "rancher2_auth_config_adfs" "adfs" {
  display_name_field = "<DISPLAY_NAME_FIELD>"
  groups_field       = "<GROUPS_FIELD>"
  idp_metadata_content = "<IDP_METADATA_CONTENT>"
  rancher_api_host   = "https://<RANCHER_API_HOST>"
  sp_cert             = "<SP_CERT>"
  sp_key              = "<SP_KEY>"
  uid_field           = "<UID_FIELD>"
  user_name_field     = "<USER_NAME_FIELD>"
}
```

» Argument Reference

The following arguments are supported:

- `display_name_field` - (Required) ADFS display name field (string)
- `groups_field` - (Required) ADFS group field (string)
- `idp_metadata_content` - (Required/Sensitive) ADFS IDP metadata content (string)

- **rancher_api_host** - (Required) Rancher url. Schema needs to be specified, `https://<RANCHER_API_HOST>` (string)
- **sp_cert** - (Required/Sensitive) ADFS SP cert (string)
- **sp_key** - (Required/Sensitive) ADFS SP key (string)
- **uid_field** - (Required) ADFS UID field (string)
- **user_name_field** - (Required) ADFS user name field (string)
- **access_mode** - (Optional) Access mode for auth. **required**, **restricted**, **unrestricted** are supported. Default **unrestricted** (string)
- **allowed_principal_ids** - (Optional) Allowed principal ids for auth. Required if **access_mode** is **required** or **restricted**. Ex: `adfs_user://<USER_ID> adfs_group://<GROUP_ID>` (list)
- **enabled** - (Optional) Enable auth config provider. Default **true** (bool)
- **annotations** - (Optional/Computed) Annotations of the resource (map)
- **labels** - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **name** - (Computed) The name of the resource (string)
- **type** - (Computed) The type of the resource (string)

» rancher2_auth_config_azuread

Provides a Rancher v2 Auth Config AzureAD resource. This can be used to configure and enable Auth Config AzureAD for rancher v2 rke clusters and retrieve their information.

Beside local, just one auth config provider could be enabled at once.

» Example Usage

```
# Create a new rancher2 Auth Config AzureAD
resource "rancher2_auth_config_azuread" "azuread" {
  application_id = "<AZUREAD_APP_ID>"
  application_secret = "<AZUREAD_APP_SECRET>"
  auth_endpoint = "<AZUREAD_AUTH_ENDPOINT>"
  graph_endpoint = "<AZUREAD_GRAPH_ENDPOINT>"
  rancher_url = "<RANCHER_URL>"
  tenant_id = "<AZUREAD_TENANT_ID>"
  token_endpoint = "<AZUREAD_TOKEN_ENDPOINT>"
}
```

» Argument Reference

The following arguments are supported:

- **application_id** - (Required/Sensitive) AzureAD auth application ID (string)
- **application_secret** - (Required/Sensitive) AzureAD auth application secret (string)
- **auth_endpoint** - (Required) AzureAD auth endpoint (string)
- **graph_endpoint** - (Required) AzureAD graph endpoint (string)
- **rancher_url** - (Required) Rancher URL (string)
- **tenant_id** - (Required) AzureAD tenant ID (string)
- **token_endpoint** - (Required) AzureAD token endpoint (string)
- **endpoint** - (Optional) AzureAD endpoint. Default `https://login.microsoftonline.com/` (string)
- **access_mode** - (Optional) Access mode for auth. `required`, `restricted`, `unrestricted` are supported. Default `unrestricted` (string)
- **allowed_principal_ids** - (Optional) Allowed principal ids for auth. Required if `access_mode` is `required` or `restricted`. Ex: `azuread_user://<USER_ID> azuread_group://<GROUP_ID>` (list)
- **enabled** - (Optional) Enable auth config provider. Default `true` (bool)
- **tls** - (Optional) Enable TLS connection. Default `true` (bool)
- **annotations** - (Optional/Computed) Annotations of the resource (map)
- **labels** - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **name** - (Computed) The name of the resource (string)
- **type** - (Computed) The type of the resource (string)

» rancher2_auth_config_freeipa

Provides a Rancher v2 Auth Config FreeIpa resource. This can be used to configure and enable Auth Config FreeIpa for rancher v2 rke clusters and retrieve their information.

Beside local, just one auth config provider could be enabled at once.

» Example Usage

```
# Create a new rancher2 Auth Config FreeIpa
```

```

resource "rancher2_auth_config_freeipa" "freeipa" {
  servers = ["<FREEIPA_SERVER>"]
  service_account_distinguished_name = "<SERVICE_DN>"
  service_account_password = "<SERVICE_PASSWORD>"
  user_search_base = "<SEARCH_BASE>"
  port = <FREEIPA_PORT>
}

```

» Argument Reference

The following arguments are supported:

- **servers** - (Required) FreeIpa servers list (list)
- **service_account_distinguished_name** - (Required/Sensitive) Service account DN for access FreeIpa service (string)
- **service_account_password** - (Required/Sensitive) Service account password for access FreeIpa service (string)
- **user_search_base** - (Required) User search base DN (string)
- **access_mode** - (Optional) Access mode for auth. **required**, **restricted**, **unrestricted** are supported. Default **unrestricted** (string)
- **allowed_principal_ids** - (Optional) Allowed principal ids for auth. Required if **access_mode** is **required** or **restricted**. Ex: **freeipa_user://<DN> freeipa_group://<DN>** (list)
- **certificate** - (Optional/Sensitive) Base64 encoded CA certificate for TLS if selfsigned. Use **filebase64()** for encoding file (string)
- **connection_timeout** - (Optional) FreeIpa connection timeout. Default 5000 (int)
- **enabled** - (Optional) Enable auth config provider. Default **true** (bool)
- **group_dn_attribute** - (Optional/Computed) Group DN attribute. Default **entryDN** (string)
- **group_member_mapping_attribute** - (Optional/Computed) Group member mapping attribute. Default **member** (string)
- **group_member_user_attribute** - (Optional/Computed) Group member user attribute. Default **entryDN** (string)
- **group_name_attribute** - (Optional/Computed) Group name attribute. Default **cn** (string)
- **group_object_class** - (Optional/Computed) Group object class. Default **groupOfNames** (string)
- **group_search_attribute** - (Optional/Computed) Group search attribute. Default **cn** (string)
- **group_search_base** - (Optional/Computed) Group search base (string)
- **nested_group_membership_enabled** - (Optional/Computed) Nested group membership enable. Default **false** (bool)
- **port** - (Optional) FreeIpa port. Default 389 (int)
- **user_disabled_bit_mask** - (Optional/Computed) User disabled bit mask

- (int)
- `user_enabled_attribute` - (Optional/Computed) User enable attribute (string)
- `user_login_attribute` - (Optional/Computed) User login attribute. Default `uid` (string)
- `user_member_attribute` - (Optional/Computed) User member attribute. Default `memberOf` (string)
- `user_name_attribute` - (Optional/Computed) User name attribute. Default `givenName` (string)
- `user_object_class` - (Optional/Computed) User object class. Default `inetorgperson` (string)
- `user_search_attribute` - (Optional/Computed) User search attribute. Default `uid|sn|givenName` (string)
- `tls` - (Optional/Computed) Enable TLS connection (bool)
- `annotations` - (Optional/Computed) Annotations of the resource (map)
- `labels` - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)
- `name` - (Computed) The name of the resource (string)
- `type` - (Computed) The type of the resource (string)

» `rancher2_auth_config_github`

Provides a Rancher v2 Auth Config Github resource. This can be used to configure and enable Auth Config Github for rancher v2 rke clusters and retrieve their information.

Beside local, just one auth config provider could be enabled at once.

» Example Usage

```
# Create a new rancher2 Auth Config Github
resource "rancher2_auth_config_github" "github" {
  client_id = "<GITHUB_CLIENT_ID>"
  client_secret = "<GITHUB_CLIENT_SECRET>"
}
```

» Argument Reference

The following arguments are supported:

- `client_id` - (Required/Sensitive) Github auth Client ID (string)
- `client_secret` - (Required/Sensitive) Github auth Client secret (string)
- `hostname` - (Optional) Github hostname to connect. Default `github.com` (string)
- `access_mode` - (Optional) Access mode for auth. `required`, `restricted`, `unrestricted` are supported. Default `unrestricted` (string)
- `allowed_principal_ids` - (Optional) Allowed principal ids for auth. Required if `access_mode` is `required` or `restricted`. Ex: `github_user://<USER_ID> github_group://<GROUP_ID>` (list)
- `enabled` - (Optional) Enable auth config provider. Default `true` (bool)
- `tls` - (Optional) Enable TLS connection. Default `true` (bool)
- `annotations` - (Optional/Computed) Annotations of the resource (map)
- `labels` - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)
- `name` - (Computed) The name of the resource (string)
- `type` - (Computed) The type of the resource (string)

» rancher2_auth_config_openldap

Provides a Rancher v2 Auth Config OpenLdap resource. This can be used to configure and enable Auth Config OpenLdap for rancher v2 rke clusters and retrieve their information.

Beside local, just one auth config provider could be enabled at once.

» Example Usage

```
# Create a new rancher2 Auth Config OpenLdap
resource "rancher2_auth_config_openldap" "openldap" {
  servers = ["<OPENLDAP_SERVER>"]
  service_account_distinguished_name = "<SERVICE_DN>"
  service_account_password = "<SERVICE_PASSWORD>"
  user_search_base = "<SEARCH_BASE>"
  port = <OPENLDAP_PORT>
}
```

» Argument Reference

The following arguments are supported:

- **servers** - (Required) Openldap servers list (list)
- **service_account_distinguished_name** - (Required/Sensitive) Service account DN for access openldap service (string)
- **service_account_password** - (Required/Sensitive) Service account password for access openldap service (string)
- **user_search_base** - (Required) User search base DN (string)
- **access_mode** - (Optional) Access mode for auth. **required**, **restricted**, **unrestricted** are supported. Default **unrestricted** (string)
- **allowed_principal_ids** - (Optional) Allowed principal ids for auth. Required if **access_mode** is **required** or **restricted**. Ex: **openldap_user://<DN>** **openldap_group://<DN>** (list)
- **certificate** - (Optional/Sensitive) Base64 encoded CA certificate for TLS if selfsigned. Use `filebase64()` for encoding file (string)
- **connection_timeout** - (Optional) Openldap connection timeout. Default 5000 (int)
- **enabled** - (Optional) Enable auth config provider. Default **true** (bool)
- **group_dn_attribute** - (Optional/Computed) Group DN attribute. Default **entryDN** (string)
- **group_member_mapping_attribute** - (Optional/Computed) Group member mapping attribute. Default **member** (string)
- **group_member_user_attribute** - (Optional/Computed) Group member user attribute. Default **entryDN** (string)
- **group_name_attribute** - (Optional/Computed) Group name attribute. Default **cn** (string)
- **group_object_class** - (Optional/Computed) Group object class. Default **groupOfNames** (string)
- **group_search_attribute** - (Optional/Computed) Group search attribute. Default **cn** (string)
- **group_search_base** - (Optional/Computed) Group search base (string)
- **nested_group_membership_enabled** - (Optional/Computed) Nested group membership enable. Default **false** (bool)
- **port** - (Optional) Openldap port. Default 389 (int)
- **user_disabled_bit_mask** - (Optional/Computed) User disabled bit mask (int)
- **user_enabled_attribute** - (Optional/Computed) User enable attribute (string)
- **user_login_attribute** - (Optional/Computed) User login attribute. Default **uid** (string)
- **user_member_attribute** - (Optional/Computed) User member attribute. Default **memberOf** (string)
- **user_name_attribute** - (Optional/Computed) User name attribute. Default **givenName** (string)

- `user_object_class` - (Optional/Computed) User object class. Default `inetorgperson` (string)
- `user_search_attribute` - (Optional/Computed) User search attribute. Default `uid|sn|givenName` (string)
- `tls` - (Optional/Computed) Enable TLS connection (bool)
- `annotations` - (Optional/Computed) Annotations of the resource (map)
- `labels` - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)
- `name` - (Computed) The name of the resource (string)
- `type` - (Computed) The type of the resource (string)

» `rancher2_auth_config_ping`

Provides a Rancher v2 Auth Config Ping resource. This can be used to configure and enable Auth Config Ping for rancher v2 rke clusters and retrieve their information.

Beside local, just one auth config provider could be enabled at once.

» Example Usage

```
# Create a new rancher2 Auth Config Ping
resource "rancher2_auth_config_ping" "ping" {
  display_name_field = "<DISPLAY_NAME_FIELD>"
  groups_field = "<GROUPS_FIELD>"
  idp_metadata_content = "<IDP_METADATA_CONTENT>"
  rancher_api_host = "https://<RANCHER_API_HOST>"
  sp_cert = "<SP_CERT>"
  sp_key = "<SP_KEY>"
  uid_field = "<UID_FIELD>"
  user_name_field = "<USER_NAME_FIELD>"
}
```

» Argument Reference

The following arguments are supported:

- `display_name_field` - (Required) Ping display name field (string)

- **groups_field** - (Required) Ping group field (string)
- **idp_metadata_content** - (Required/Sensitive) Ping IDP metadata content (string)
- **rancher_api_host** - (Required) Rancher url. Schema needs to be specified, `https://<RANCHER_API_HOST>` (string)
- **sp_cert** - (Required/Sensitive) Ping SP cert (string)
- **sp_key** - (Required/Sensitive) Ping SP key (string)
- **uid_field** - (Required) Ping UID field (string)
- **user_name_field** - (Required) Ping user name field (string)
- **access_mode** - (Optional) Access mode for auth. **required**, **restricted**, **unrestricted** are supported. Default **unrestricted** (string)
- **allowed_principal_ids** - (Optional) Allowed principal ids for auth. Required if **access_mode** is **required** or **restricted**. Ex: `ping_user://<USER_ID> ping_group://<GROUP_ID>` (list)
- **enabled** - (Optional) Enable auth config provider. Default **true** (bool)
- **annotations** - (Optional/Computed) Annotations of the resource (map)
- **labels** - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **name** - (Computed) The name of the resource (string)
- **type** - (Computed) The type of the resource (string)

» rancher2__bootstrap

Provides a Rancher v2 bootstrap resource. This can be used to bootstrap rancher v2 environments and output information. It just works if **bootstrap** provider config is added to the tf file. More info at rancher2 provider

This resource is indeed to bootstrap a rancher system doing following tasks: - Update default admin password, provided by **password** or generating a random one. - Set **server-url** setting, based on **api_url**. - Set **telemetry-opt** setting. - Create a token for admin user with concrete TTL.

Rancher2 admin password could be updated setting **password** field and applying this resource again.

Rancher2 admin **token** could also be updated if **token_update** is set to true. Refresh resource function will check if token is expired. If it's expired, **token_update** will be set to true to force token regeneration on next **terraform** apply.

Login to rancher2 is done using `token` first and if fails, using admin `current_password`. If admin password has been changed from other methods and terraform token is expired, `current_password` field could be specified to recover terraform configuration and reset admin password and token.

» Example Usage

```
# Provider bootstrap config
provider "rancher2" {
  api_url    = "https://rancher.my-domain.com"
  bootstrap = true
}

# Create a new rancher2_bootstrap
resource "rancher2_bootstrap" "admin" {
  password = "blahblah"
  telemetry = true
}

# Provider bootstrap config with alias
provider "rancher2" {
  alias = "bootstrap"

  api_url    = "https://rancher.my-domain.com"
  bootstrap = true
}

# Create a new rancher2_bootstrap using bootstrap provider config
resource "rancher2_bootstrap" "admin" {
  provider = "rancher2.bootstrap"

  password = "blahblah"
  telemetry = true
}
```

» Argument Reference

The following arguments are supported:

- `current_password` - (Optional/computed/sensitive) Current password for Admin user. Just needed for recover if admin password has been changed from other resources and token is expired (string)
- `password` - (Optional/computed/sensitive) Password for Admin user or random generated if empty (string)

- `telemetry` - (Optional) Send telemetry anonymous data. Default: `false` (bool)
- `token_ttl` - (Optional) TTL in seconds for generated admin token. Default: 0 (int)
- `token_update` - (Optional) Regenerate admin token. Default: `false` (bool)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)
- `token` - (Computed) Generated API token for Admin User (string)
- `token_id` - (Computed) Generated API token id for Admin User (string)
- `url` - (Computed) URL set as server-url (string)
- `user` - (Computed) Admin username (string)
- `temp_token` - (Computed) Generated API temporary token as helper. Should be empty (string)
- `temp_token_id` - (Computed) Generated API temporary token id as helper. Should be empty (string)

» `rancher2_catalog`

Provides a Rancher v2 Catalog resource. This can be used to create cluster, global and/or project catalogs for rancher v2 environments and retrieve their information.

» Example Usage

```
# Create a new rancher2 Global Catalog
resource "rancher2_catalog" "foo-global" {
  name = "foo-global"
  url = "https://<CATALOG_URL>"
}

# Create a new rancher2 Cluster Catalog
resource "rancher2_catalog" "foo-cluster" {
  name = "foo-cluster"
  url = "https://<CATALOG_URL>"
  scope = "cluster"
}

# Create a new rancher2 Project Catalog
resource "rancher2_catalog" "foo-project" {
  name = "foo-project"
```

```

url = "https://<CATALOG_URL>"
scope = "project"
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the catalog (string)
- **url** - (Required) The url of the catalog repo (string)
- **branch** - (Optional) The branch of the catalog repo to use. Default **master** (string)
- **cluster_id** - (Optional/ForceNew) The cluster id of the catalog. Mandatory if **scope** = **cluster** (string)
- **description** - (Optional) A catalog description (string)
- **kind** - (Optional) The kind of the catalog. Just helm by the moment (string)
- **password** - (Optional/Sensitive) The password to access the catalog if needed (string)
- **project_id** - (Optional/ForceNew) The project id of the catalog. Mandatory if **scope** = **project** (string)
- **scope** - (Optional) The scope of the catalog. **cluster**, **global**, and **project** are supported. Default **global** (string)
- **username** - (Optional/Sensitive) The username to access the catalog if needed (string)
- **annotations** - (Optional/Computed) Annotations for the catalog (map)
- **labels** - (Optional/Computed) Labels for the catalog (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Timeouts

rancher2_catalog provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating catalogs.
- **update** - (Default 10 minutes) Used for catalog modifications.
- **delete** - (Default 10 minutes) Used for deleting catalogs.

» Import

Catalogs can be imported using the rancher Catalog ID and its scope.

```
$ terraform import rancher2_catalog.foo <scope>.<catalog_id>
```

» rancher2__certificate

Provides a Rancher v2 certificate resource. This can be used to create certificates for rancher v2 environments and retrieve their information.

Depending of the availability, there are 2 types of Rancher v2 certificates: -

Project certificate: Available to all namespaces in the `project_id` - Namespaced

certificate: Available to just `namespace_id` in the `project_id`

» Example Usage

```
# Create a new rancher2 Project Certificate
resource "rancher2_certificate" "foo" {
  certs = base64encode(<PUBLIC_CERTS>)
  key   = base64encode(<PRIVATE_KEY>)
  name  = "foo"
  description = "Terraform certificate foo"
  project_id = "<project_id>"
}

# Create a new rancher2 Namespaced Certificate
resource "rancher2_certificate" "foo" {
  certs = base64encode(<PUBLIC_CERTS>)
  key   = base64encode(<PRIVATE_KEY>)
  name  = "foo"
  description = "Terraform certificate foo"
  project_id = "<project_id>"
  namespace_id = "<namespace_id>"
}
```

» Argument Reference

The following arguments are supported:

- `certs` - (Required) Base64 encoded public certs (string)
- `key` - (Required) Base64 encoded private key (string)
- `project_id` - (Required/ForceNew) The project id where to assign the certificate (string)

- **description** - (Optional) A certificate description (string)
- **name** - (Optional/ForceNew) The name of the certificate (string)
- **namespace_id** - (Optional/ForceNew) The namespace id where to assign the namespaced certificate (string)
- **annotations** - (Optional/Computed) Annotations for certificate object (map)
- **labels** - (Optional/Computed) Labels for certificate object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_certificate` provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating registries.
- **update** - (Default 10 minutes) Used for certificate modifications.
- **delete** - (Default 10 minutes) Used for deleting registries.

» rancher2__cloud__credential

Provides a Rancher v2 Cloud Credential resource. This can be used to create Cloud Credential for rancher v2.2.x and retrieve their information.

amazonec2, azure, digitalocean, openstack and vsphere credentials config are supported for Cloud Credential.

» Example Usage

```
# Create a new rancher2 Cloud Credential
resource "rancher2_cloud_credential" "foo" {
  name = "foo"
  description = "foo test"
  amazonec2_credential_config {
    access_key = "<AWS_ACCESS_KEY>"
    secret_key = "<AWS_SECRET_KEY>"
  }
}
```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the Cloud Credential (string)
- **amazonec2_credential_config** - (Optional) AWS config for the Cloud Credential (list maxitems:1)
- **azure_credential_config** - (Optional) Azure config for the Cloud Credential (list maxitems:1)
- **description** - (Optional) Description for the Cloud Credential (string)
- **digitalocean_credential_config** - (Optional) Digitalocean config for the Cloud Credential (list maxitems:1)
- **openstack_credential_config** - (Optional) Openstack config for the Cloud Credential (list maxitems:1)
- **vsphere_credential_config** - (Optional) vSphere config for the Cloud Credential (list maxitems:1)
- **annotations** - (Optional) Annotations for Cloud Credential object (map)
- **labels** - (Optional/Computed) Labels for Cloud Credential object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **driver** - (Computed) The driver of the Cloud Credential (string)

» Nested blocks

» **amazonec2_credential_config**

» Arguments

- **access_key** - (Required/Sensitive) AWS access key (string)
- **secret_key** - (Required/Sensitive) AWS secret key (string)

» **azure_credential_config**

» Arguments

- **client_id** - (Required/Sensitive) Azure Service Principal Account ID (string)
- **client_secret** - (Required/Sensitive) Azure Service Principal Account password (string)
- **subscription_id** - (Required/Sensitive) Azure Subscription ID (string)

» **digitalocean_credential_config**

» **Arguments**

- **access_token** - (Required/Sensitive) Digital Ocean access token (string)

» **openstack_credential_config**

» **Arguments**

- **password** - (Required/Sensitive) Openstack password (string)

» **vsphere_credential_config**

» **Arguments**

- **password** - (Required/Sensitive) vSphere password (string)
- **username** - (Required) vSphere username (string)
- **vcenter** - (Required) vSphere IP/hostname for vCenter (string)
- **vcenter_port** - (Optional) vSphere Port for vCenter. Default 443 (string)

» **Timeouts**

rancher2_cloud_credential provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating cloud credentials.
- **update** - (Default 10 minutes) Used for cloud credential modifications.
- **delete** - (Default 10 minutes) Used for deleting cloud credentials.

» **rancher2__cluster**

Provides a Rancher v2 Cluster resource. This can be used to create Clusters for rancher v2 environments and retrieve their information.

» **Example Usage**

Creating Rancher v2 imported cluster

```
# Create a new rancher2 imported Cluster
resource "rancher2_cluster" "foo-imported" {
  name = "foo-imported"
  description = "Foo rancher2 imported cluster"
}
```

Creating Rancher v2 rke cluster

```
# Create a new rancher2 rke Cluster
resource "rancher2_cluster" "foo-custom" {
  name = "foo-custom"
  description = "Foo rancher2 custom cluster"
  rke_config {
    network {
      plugin = "canal"
    }
  }
}
```

Creating Rancher v2 rke cluster assigning a node pool (overlapped planes)

```
# Create a new rancher2 rke Cluster
resource "rancher2_cluster" "foo-custom" {
  name = "foo-custom"
  description = "Foo rancher2 custom cluster"
  rke_config {
    network {
      plugin = "canal"
    }
  }
}

# Create a new rancher2 Node Template
resource "rancher2_node_template" "foo" {
  name = "foo"
  description = "foo test"
  amazonec2_config {
    access_key = "AWS_ACCESS_KEY"
    secret_key = "<AWS_SECRET_KEY>"
    ami = "<AMI_ID>"
    region = "<REGION>"
    security_group = ["<AWS_SECURITY_GROUP>"]
    subnet_id = "<SUBNET_ID>"
    vpc_id = "<VPC_ID>"
    zone = "<ZONE>"
  }
}

# Create a new rancher2 Node Pool
resource "rancher2_node_pool" "foo" {
  cluster_id = "${rancher2_cluster.foo-custom.id}"
  name = "foo"
  hostname_prefix = "foo-cluster-0"
  node_template_id = "${rancher2_node_template.foo.id}"
  quantity = 3
}
```



```

    control_plane = true
    etcd = true
    worker = true
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the Cluster (string)
- **rke_config** - (Optional) The rke configuration for **rke** Clusters. Conflicts with **aks_config**, **eks_config** and **gke_config** (list maxitems:1)
- **aks_config** - (Optional) The Azure aks configuration for **aks** Clusters. Conflicts with **eks_config**, **gke_config** and **rke_config** (list maxitems:1)
- **eks_config** - (Optional) The Amazon eks configuration for **eks** Clusters. Conflicts with **aks_config**, **gke_config** and **rke_config** (list maxitems:1)
- **gke_config** - (Optional) The Google gke configuration for **gke** Clusters. Conflicts with **aks_config**, **eks_config** and **rke_config** (list maxitems:1)
- **description** - (Optional) The description for Cluster (string)
- **cluster_auth_endpoint** - (Optional/Computed) Enabling the local cluster authorized endpoint allows direct communication with the cluster, bypassing the Rancher API proxy. (list maxitems:1)
- **default_pod_security_policy_template_id** - (Optional/Computed) Default pod security policy template id. **restricted** and **unrestricted** are supported (string)
- **enable_cluster_monitoring** - (Optional) Enable built-in cluster monitoring. Default **false** (bool)
- **enable_network_policy** - (Optional) Enable project network isolation. Default **false** (bool)
- **annotations** - (Optional/Computed) Annotations for Node Pool object (map)
- **labels** - (Optional/Computed) Labels for Node Pool object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **cluster_registration_token** - (Computed) Cluster Registration Token generated for the cluster (list maxitems:1)
- **default_project_id** - (Computed) Default project ID for the cluster (string)

- **driver** - (Computed) The driver used for the Cluster. `imported`, `azurekuberneteservice`, `amazonelasticcontainerservice`, `googlekubernetesengine` and `rancherKubernetesEngine` are supported (string)
- **kube_config** - (Computed) Kube Config generated for the cluster (string)
- **system_project_id** - (Computed) System project ID for the cluster (string)

» Nested blocks

» **rke_config**

» Arguments

- **addon_job_timeout** - (Optional/Computed) Duration in seconds of add-on job (int)
- **addons** - (Optional) Addons description to deploy on rke cluster.
- **addons_include** - (Optional) Addons yaml manifests to deploy on rke cluster (list)
- **authentication** - (Optional/Computed) Kubernetes cluster authentication (list maxitems:1)
- **authorization** - (Optional/Computed) Kubernetes cluster authorization (list maxitems:1)
- **bastion_host** - (Optional/Computed) RKE bastion host (list maxitems:1)
- **cloud_provider** - (Optional/Computed) RKE cloud provider rke-cloud-providers (list maxitems:1)
- **dns** - (Optional/Computed) RKE dns add-on. Just for rancher v2.2.x (list maxitems:1)
- **ignore_docker_version** - (Optional) Ignore docker version. Default `true` (bool)
- **ingress** - (Optional/Computed) Kubernetes ingress configuration (list maxitems:1)
- **kubernetes_version** - (Optional/Computed) Kubernetes version to deploy (string)
- **monitoring** - (Optional/Computed) Kubernetes cluster monitoring (list maxitems:1)
- **network** - (Optional/Computed) Kubernetes cluster networking (list maxitems:1)
- **nodes** - (Optional) RKE cluster nodes (list)
- **prefix_path** - (Optional/Computed) Prefix to customize kubernetes path (string)
- **private_registries** - (Optional) private registries for docker images (list)
- **services** - (Optional/Computed) Kubernetes cluster services (list maxitems:1)

- **ssh_agent_auth** - (Optional) Use ssh agent auth. Default **false**
- **ssh_key_path** - (Optional/Computed) Cluster level SSH private key path (string)

» **authentication**

» **Arguments**

- **sans** - (Optional/Computed) RKE sans for authentication ([]string)
- **strategy** - (Optional/Computed) RKE strategy for authentication (string)

» **authorization**

» **Arguments**

- **mode** - (Optional) RKE mode for authorization. **rbac** and **none** modes are available. Default **rbac** (string)
- **options** - (Optional/Computed) RKE options for authorization (map)

» **bastion_host**

» **Arguments**

- **address** - (Required) Address ip for the bastion host (string)
- **user** - (Required) User to connect bastion host (string)
- **port** - (Optional) Port for bastion host. Default 22 (string)
- **ssh_agent_auth** - (Optional) Use ssh agent auth. Default **false** (bool)
- **ssh_key** - (Optional/Computed/Sensitive) Bastion host SSH private key (string)
- **ssh_key_path** - (Optional/Computed) Bastion host SSH private key path (string)

» **cloud_provider**

» **Arguments**

- **aws_cloud_provider** - (Optional/Computed) RKE AWS Cloud Provider config for Cloud Provider rke-aws-cloud-provider (list maxitems:1)
- **azure_cloud_provider** - (Optional/Computed) RKE Azure Cloud Provider config for Cloud Provider rke-azure-cloud-provider (list maxitems:1)

- **custom_cloud_provider** - (Optional/Computed) RKE Custom Cloud Provider config for Cloud Provider (string) (string)
- **name** - (Optional/Computed) RKE sans for Cloud Provider. **aws**, **azure**, **custom**, **openstack**, **vsphere** are supported. (string)
- **openstack_cloud_provider** - (Optional/Computed) RKE Openstack Cloud Provider config for Cloud Provider rke-openstack-cloud-provider (list maxitems:1)
- **vsphere_cloud_provider** - (Optional/Computed) RKE Vsphere Cloud Provider config for Cloud Provider rke-vsphere-cloud-provider Extra argument **name** is required on **virtual_center** configuration. (list max-items:1)

» **aws_cloud_provider**

» Arguments

- **global** - (Optional) (list maxitems:1)
- **service_override** - (Optional) (list)

» **global**

» Arguments

- **disable_security_group_ingress** - (Optional) Default **false** (bool)
- **disable_strict_zone_check** - (Optional) Default **false** (bool)
- **elb_security_group** - (Optional/Computed) (string)
- **kubernetes_cluster_id** - (Optional/Computed) (string)
- **kubernetes_cluster_tag** - (Optional/Computed) (string)
- **role_arn** - (Optional/Computed) (string)
- **route_table_id** - (Optional/Computed/Sensitive) (string)
- **subnet_id** - (Optional/Computed) (string)
- **vpc** - (Optional/Computed) (string)
- **zone** - (Optional/Computed) (string)

» **service_override**

» Arguments

- **service** - (Required) (string)
- **region** - (Optional/Computed) (string)
- **signing_method** - (Optional/Computed) (string)
- **signing_name** - (Optional/Computed) (string)
- **signing_region** - (Optional/Computed) (string)
- **url** - (Optional/Computed) (string)

» **azure_cloud_provider**

» Arguments

- `aad_client_id` - (Required/Sensitive) (string)
- `aad_client_secret` - (Required/Sensitive) (string)
- `subscription_id` - (Required/Sensitive) (string)
- `tenant_id` - (Required/Sensitive) (string)
- `aad_client_cert_password` - (Optional/Computed/Sensitive) (string)
- `aad_client_cert_path` - (Optional/Computed) (string)
- `cloud` - (Optional/Computed) (string)
- `cloud_provider_backoff` - (Optional/Computed) (bool)
- `cloud_provider_backoff_duration` - (Optional/Computed) (int)
- `cloud_provider_backoff_exponent` - (Optional/Computed) (int)
- `cloud_provider_backoff_jitter` - (Optional/Computed) (int)
- `cloud_provider_backoff_retries` - (Optional/Computed) (int)
- `cloud_provider_rate_limit` - (Optional/Computed) (bool)
- `cloud_provider_rate_limit_bucket` - (Optional/Computed) (int)
- `cloud_provider_rate_limit_qps` - (Optional/Computed) (int)
- `location` - (Optional/Computed) (string)
- `maximum_load_balancer_rule_count` - (Optional/Computed) (int)
- `primary_availability_set_name` - (Optional/Computed) (string)
- `primary_scale_set_name` - (Optional/Computed) (string)
- `resource_group` - (Optional/Computed) (string)
- `route_table_name` - (Optional/Computed) (string)
- `security_group_name` - (Optional/Computed) (string)
- `subnet_name` - (Optional/Computed) (string)
- `use_instance_metadata` - (Optional/Computed) (bool)
- `use_managed_identity_extension` - (Optional/Computed) (bool)
- `vm_type` - (Optional/Computed) (string)
- `vnet_name` - (Optional/Computed) (string)
- `vnet_resource_group` - (Optional/Computed) (string)

» `openstack_cloud_provider`

» Arguments

- `global` - (Required) (list maxitems:1)
- `block_storage` - (Optional/Computed) (list maxitems:1)
- `load_balancer` - (Optional/Computed) (list maxitems:1)
- `metadata` - (Optional/Computed) (list maxitems:1)
- `route` - (Optional/Computed) (list maxitems:1)

» `global`

» Arguments

- `auth_url` - (Required) (string)
- `password` - (Required/Sensitive) (string)
- `username` - (Required/Sensitive) (string)
- `ca_file` - (Optional/Computed) (string)

- **domain_id** - (Optional/Computed/Sensitive) Required if **domain_name** not provided. (string)
- **domain_name** - (Optional/Computed) Required if **domain_id** not provided. (string)
- **region** - (Optional/Computed) (string)
- **tenant_id** - (Optional/Computed/Sensitive) Required if **tenant_name** not provided. (string)
- **tenant_name** - (Optional/Computed) Required if **tenant_id** not provided. (string)
- **trust_id** - (Optional/Computed/Sensitive) (string)

» **block_storage**

» Arguments

- **bs_version** - (Optional/Computed) (string)
- **ignore_volume_az** - (Optional/Computed) (string)
- **trust_device_path** - (Optional/Computed) (string)

» **load_balancer**

» Arguments

- **create_monitor** - (Optional/Computed) (bool)
- **floating_network_id** - (Optional/Computed) (string)
- **lb_method** - (Optional/Computed) (string)
- **lb_provider** - (Optional/Computed) (string)
- **lb_version** - (Optional/Computed) (string)
- **manage_security_groups** - (Optional/Computed) (bool)
- **monitor_delay** - (Optional/Computed) Default 60s (string)
- **monitor_max_retries** - (Optional/Computed) Default 5 (int)
- **monitor_timeout** - (Optional/Computed) Default 30s (string)
- **subnet_id** - (Optional/Computed) (string)
- **use_octavia** - (Optional/Computed) (bool)

» **metadata**

» Arguments

- **request_timeout** - (Optional/Computed) (int)
- **search_order** - (Optional/Computed) (string)

» **route**

» Arguments

- **router_id** - (Optional/Computed) (string)

» **vsphere_cloud_provider**

» Arguments

- **virtual_center** - (Required) (List)
- **workspace** - (Required) (list maxitems:1)
- **disk** - (Optional/Computed) (list maxitems:1)
- **global** - (Optional/Computed) (list maxitems:1)
- **network** - (Optional/Computed) (list maxitems:1)

» **virtual_center**

» Arguments

- **datacenters** - (Required) (string)
- **name** - (Required) Name of virtualcenter config for Vsphere Cloud Provider config (string)
- **password** - (Required/Sensitive) (string)
- **user** - (Required/Sensitive) (string)
- **port** - (Optional/Computed) (string)
- **soap_roundtrip_count** - (Optional/Computed) (int)

» **workspace**

» Arguments

- **datacenter** - (Required) (string)
- **folder** - (Required) (string)
- **server** - (Required) (string)
- **default_datastore** - (Optional/Computed) (string)
- **resourcepool_path** - (Optional/Computed) (string)

» **disk**

» Arguments

- **scsi_controller_type** - (Optional/Computed) (string)

» **global**

» Arguments

- **datacenters** - (Optional/Computed) (string)
- **insecure_flag** - (Optional/Computed) (bool)
- **password** - (Optional/Computed) (string)
- **user** - (Optional/Computed) (string)
- **port** - (Optional/Computed) (string)
- **soap_roundtrip_count** - (Optional/Computed) (int)

» **network**

» Arguments

- **public_network** - (Optional/Computed) (string)

» **dns**

» **Arguments**

- **node_selector** - (Optional/Computed) DNS add-on node selector (map)
- **provider** - (Optional) DNS add-on provider. **kube-dns** (default), **coredns** and **none** are supported (string)
- **reverse_cidrs** - (Optional/Computed) DNS add-on reverse cidr (list)
- **upstream_nameservers** - (Optional/Computed) DNS add-on upstream nameservers (list)

» **ingress**

» **Arguments**

- **extra_args** - (Optional/Computed) Extra arguments for RKE Ingress (map)
- **node_selector** - (Optional/Computed) Node selector for RKE Ingress (map)
- **options** - (Optional/Computed) RKE options for Ingress (map)
- **provider** - (Optional/Computed) Provider for RKE Ingress (string)

» **monitoring**

» **Arguments**

- **options** - (Optional/Computed) RKE options for monitoring (map)
- **provider** - (Optional/Computed) Provider for RKE monitoring (string)

» **network**

» **Arguments**

- **calico_network_provider** - (Optional/Computed) Calico provider config for RKE network (list maxitems:1)
- **canal_network_provider** - (Optional/Computed) Canal provider config for RKE network (list maxitems:1)
- **flannel_network_provider** - (Optional/Computed) Flannel provider config for RKE network (list maxitems:1)
- **weave_network_provider** - (Optional/Computed) Weave provider config for RKE network (list maxitems:1)
- **options** - (Optional/Computed) RKE options for network (map)
- **plugin** - (Optional/Computed) Plugin for RKE network. **canal** (default), **flannel**, **calico** and **weave** are supported. (string)

» **calico_network_provider**

» Arguments

- **cloud_provider** - (Optional/Computed) RKE options for Calico network provider (string)

» **canal_network_provider**

» Arguments

- **iface** - (Optional/Computed) Iface config Canal network provider (string)

» **flannel_network_provider**

» Arguments

- **iface** - (Optional/Computed) Iface config Flannel network provider (string)

» **weave_network_provider**

» Arguments

- **password** - (Optional/Computed) Password config Weave network provider (string)

» **nodes**

» Arguments

- **address** - (Required) Address ip for node (string)
- **role** - (Requires) Roles for the node. **controlplane**, **etcd** and **worker** are supported. (list)
- **user** - (Required/Sensitive) User to connect node (string)
- **docker_socket** - (Optional/Computed) Docker socket for node (string)
- **hostname_override** - (Optional) Hostname override for node (string)
- **internal_address** - (Optional) Internal ip for node (string)
- **labels** - (Optional) Labels for the node (map)
- **node_id** - (Optional) Id for the node (string)
- **port** - (Optional) Port for node. Default 22 (string)
- **ssh_agent_auth** - (Optional) Use ssh agent auth. Default **false** (bool)
- **ssh_key** - (Optional/Computed/Sensitive) Node SSH private key (string)
- **ssh_key_path** - (Optional/Computed) Node SSH private key path (string)

» **private_registries**

» **Arguments**

- **url** - (Required) Registry URL (string)
- **is_default** - (Optional) Set as default registry. Default **false** (bool)
- **password** - (Optional/Sensitive) Registry password (string)
- **user** - (Optional/Sensitive) Registry user (string)

» **services**

» **Arguments**

- **etcd** - (Optional/Computed) Etcd options for RKE services (list maxitems:1)
- **kube_api** - (Optional/Computed) Kube API options for RKE services (list maxitems:1)
- **kube_controller** - (Optional/Computed) Kube Controller options for RKE services (list maxitems:1)
- **kubelet** - (Optional/Computed) Kubelet options for RKE services (list maxitems:1)
- **kubeproxy** - (Optional/Computed) Kubeproxy options for RKE services (list maxitems:1)
- **scheduler** - (Optional/Computed) Scheduler options for RKE services (list maxitems:1)

» **etcd**

» **Arguments**

- **backup_config** - (Optional/Computed) Backup options for etcd service. Just for rancher v2.2.x (list maxitems:1)
- **ca_cert** - (Optional/Computed) Tls CA certificate for etcd service (string)
- **cert** - (Optional/Computed/Sensitive) Tls certificate for etcd service (string)
- **creation** - (Optional/Computed) Creation option for etcd service (string)
- **external_urls** - (Optional) External urls for etcd service (list)
- **extra_args** - (Optional/Computed) Extra arguments for etcd service (map)
- **extra_binds** - (Optional) Extra binds for etcd service (list)
- **extra_env** - (Optional) Extra environment for etcd service (list)
- **image** - (Optional/Computed) Docker image for etcd service (string)
- **key** - (Optional/Computed/Sensitive) Tls key for etcd service (string)
- **path** - (Optional/Computed) Path for etcd service (string)

- **retention** - (Optional/Computed) Retention option for etcd service (string)
- **snapshot** - (Optional/Computed) Snapshot option for etcd service (bool)

» **backup_config**

» Arguments

- **enabled** - (Optional) Enable etcd backup (bool)
- **interval_hours** - (Optional) Interval hours for etcd backup. Default 12 (int)
- **retention** - (Optional) Retention for etcd backup. Default 6 (int)
- **s3_backup_config** - (Optional) S3 config options for etcd backup (list maxitems:1)

» **s3_backup_config**

» Arguments

- **access_key** - (Optional/Sensitive) Access key for S3 service (string)
- **bucket_name** - (Required) Bucket name for S3 service (string)
- **custom_ca** - (Optional) Base64 encoded custom CA for S3 service. Use `filebase64()` for encoding file. Available from rancher v2.2.5 (string)
- **endpoint** - (Required) Endpoint for S3 service (string)
- **folder** - (Optional) Folder for S3 service. Available from rancher v2.2.7 (string)
- **region** - (Optional) Region for S3 service (string)
- **secret_key** - (Optional/Sensitive) Secret key for S3 service (string)

» **kube_api**

» Arguments

- **extra_args** - (Optional/Computed) Extra arguments for kube API service (map)
- **extra_binds** - (Optional) Extra binds for kube API service (list)
- **extra_env** - (Optional) Extra environment for kube API service (list)
- **image** - (Optional/Computed) Docker image for kube API service (string)
- **pod_security_policy** - (Optional) Pod Security Policy option for kube API service. Default **false** (bool)
- **service_cluster_ip_range** - (Optional/Computed) Service Cluster IP Range option for kube API service (string)
- **service_node_port_range** - (Optional/Computed) Service Node Port Range option for kube API service (string)

» **kube_controller**

» Arguments

- **cluster_cidr** - (Optional/Computed) Cluster CIDR option for kube controller service (string)
- **extra_args** - (Optional/Computed) Extra arguments for kube controller service (map)
- **extra_binds** - (Optional) Extra binds for kube controller service (list)
- **extra_env** - (Optional) Extra environment for kube controller service (list)
- **image** - (Optional/Computed) Docker image for kube controller service (string)
- **service_cluster_ip_range** - (Optional/Computed) Service Cluster ip Range option for kube controller service (string)

» **kubelet**

» Arguments

- **cluster_dns_server** - (Optional/Computed) Cluster DNS Server option for kubelet service (string)
- **cluster_domain** - (Optional/Computed) Cluster Domain option for kubelet service (string)
- **extra_args** - (Optional/Computed) Extra arguments for kubelet service (map)
- **extra_binds** - (Optional) Extra binds for kubelet service (list)
- **extra_env** - (Optional) Extra environment for kubelet service (list)
- **fail_swap_on** - (Optional/Computed) Enable or disable failing when swap on is not supported (bool)
- **image** - (Optional/Computed) Docker image for kubelet service (string)
- **infra_container_image** - (Optional/Computed) Infre container image for kubelet service (string)

» **kubeproxy**

» Arguments

- **extra_args** - (Optional/Computed) Extra arguments for kubeproxy service (map)
- **extra_binds** - (Optional) Extra binds for kubeproxy service (list)
- **extra_env** - (Optional) Extra environment for kubeproxy service (list)
- **image** - (Optional/Computed) Docker image for kubeproxy service (string)

» **scheduler**

» Arguments

- **extra_args** - (Optional/Computed) Extra arguments for scheduler service (map)
- **extra_binds** - (Optional) Extra binds for scheduler service (list)

- **extra_env** - (Optional) Extra environment for scheduler service (list)
- **image** - (Optional/Computed) Docker image for scheduler service (string)

» **aks_config**

» Arguments

The following arguments are supported:

- **agent_dns_prefix** - (Required) DNS prefix to be used to create the FQDN for the agent pool (string)
- **client_id** - (Required/Sensitive) Azure client ID to use (string)
- **client_secret** - (Required/Sensitive) Azure client secret associated with the \"client id\" (string)
- **kubernetes_version** - (Required) Specify the version of Kubernetes. To check available versions exec `az aks get-versions -l eastus -o table` (string)
- **master_dns_prefix** - (Required) DNS prefix to use the Kubernetes cluster control plane (string)
- **resource_group** - (Required) The name of the Cluster resource group (string)
- **ssh_public_key_contents** - (Required) Contents of the SSH public key used to authenticate with Linux hosts (string)
- **subnet** - (Required) The name of an existing Azure Virtual Subnet. Composite of agent virtual network subnet ID (string)
- **subscription_id** - (Required) Subscription credentials which uniquely identify Microsoft Azure subscription (string)
- **tenant_id** - (Required) Azure tenant ID to use (string)
- **virtual_network** - (Required) The name of an existing Azure Virtual Network. Composite of agent virtual network subnet ID (string)
- **virtual_network_resource_group** - (Required) The resource group of an existing Azure Virtual Network. Composite of agent virtual network subnet ID (string)
- **add_client_app_id** - (Optional/Sensitive) The ID of an Azure Active Directory client application of type \"Native\". This application is for user login via kubectl (string)
- **add_server_app_id** - (Optional/Sensitive) The ID of an Azure Active Directory server application of type \"Web app/API\". This application represents the managed cluster's apiserver (Server application) (string)
- **aad_server_app_secret** - (Optional/Sensitive) The secret of an Azure Active Directory server application (string)
- **aad_tenant_id** - (Optional/Sensitive) The ID of an Azure Active Directory tenant (string)
- **admin_username** - (Optional) The administrator username to use for Linux hosts. Default `azureuser` (string)

- **agent_os_disk_size** - (Optional) GB size to be used to specify the disk for every machine in the agent pool. If you specify 0, it will apply the default according to the `\agent vm size\` specified. Default 0 (int)
- **agent_pool_name** - (Optional) Name for the agent pool, upto 12 alphanumeric characters. Default `agentpool0` (string)
- **agent_storage_profile** - (Optional) Storage profile specifies what kind of storage used on machine in the agent pool. Chooses from [ManagedDisks StorageAccount]. Default `ManagedDisks` (string)
- **agent_vm_size** - (Optional) Size of machine in the agent pool. Default `Standard_D1_v2` (string)
- **auth_base_url** - (Optional) Different authentication API url to use. Default `https://login.microsoftonline.com/` (string)
- **base_url** - (Optional) Different resource management API url to use. Default `https://management.azure.com/` (string)
- **count** - (Optional) Number of machines (VMs) in the agent pool. Allowed values must be in the range of 1 to 100 (inclusive). Default 1 (int)
- **dns_service_ip** - (Optional) An IP address assigned to the Kubernetes DNS service. It must be within the Kubernetes Service address range specified in `\service cidr\`. Default `10.0.0.10` (string)
- **docker_bridge_cidr** - (Required) A CIDR notation IP range assigned to the Docker bridge network. It must not overlap with any Subnet IP ranges or the Kubernetes Service address range specified in `\service cidr\`. Default `172.17.0.1/16` (string)
- **enable_http_application_routing** - (Optional) Enable the Kubernetes ingress with automatic public DNS name creation. Default `false` (bool)
- **enable_monitoring** - (Optional) Turn on Azure Log Analytics monitoring. Uses the Log Analytics `\Default\` workspace if it exists, else creates one. if using an existing workspace, specifies `\log analytics workspace resource id\`. Default `true` (bool)
- **location** - (Optional) Azure Kubernetes cluster location. Default `eastus` (string)
- **log_analytics_workspace** - (Optional) The name of an existing Azure Log Analytics Workspace to use for storing monitoring data. If not specified, uses `{resource group}-{subscription id}-{location code}` (string)
- **log_analytics_workspace_resource_group** - (Optional) The resource group of an existing Azure Log Analytics Workspace to use for storing monitoring data. If not specified, uses the `'Cluster'` resource group (string)
- **max_pods** - (Optional) Maximum number of pods that can run on a node. Default 110 (int)
- **network_plugin** - (Optional) Network plugin used for building Kubernetes network. Chooses from `azure` or `kubenet`. Default `azure` (string)
- **network_policy** - (Optional) Network policy used for building Kubernetes network. Chooses from `calico` (string)
- **pod_cidr** - (Optional) A CIDR notation IP range from which to assign Kubernetes Pod IPs when `\network plugin\` is specified in `\kubenet\`. Default `172.244.0.0/16` (string)

- **service_cidr** - (Optional) A CIDR notation IP range from which to assign Kubernetes Service cluster IPs. It must not overlap with any Subnet IP ranges. Default `10.0.0.0/16` (string)
- **tag** - (Optional/Computed) Tags for Kubernetes cluster. For example, `foo=bar` (map)

» **eks_config**

» Arguments

The following arguments are supported:

- **access_key** - (Required/Sensitive) The AWS Client ID to use (string)
- **kubernetes_version** - (Required) The kubernetes master version (string)
- **secret_key** - (Required/Sensitive) The AWS Client Secret associated with the Client ID (string)
- **ami** - (Optional) AMI ID to use for the worker nodes instead of the default (string)
- **associate_worker_node_public_ip** - (Optional) Associate public ip EKS worker nodes. Default `true` (bool)
- **instance_type** - (Optional) The type of machine to use for worker nodes. Default `t2.medium` (string)
- **key_pair_name** - (Optional) Allow user to specify key name to use. Just for rancher v2.2.7 and above (string)
- **maximum_nodes** - (Optional) The maximum number of worker nodes. Default `3` (int)
- **minimum_nodes** - (Optional) The minimum number of worker nodes. Default `1` (int)
- **node_volume_size** - (Optional) The volume size for each node. Default `20` (int)
- **region** - (Optional) The AWS Region to create the EKS cluster in. Default `us-west-2` (string)
- **security_groups** - (Optional) List of security groups to use for the cluster. If it's not specified Rancher will create a new security group (list)
- **service_role** - (Optional) The service role to use to perform the cluster operations in AWS. If it's not specified Rancher will create a new service role (string)
- **session_token** - (Optional/Sensitive) A session token to use with the client key and secret if applicable (string)
- **subnets** - (Optional) List of subnets in the virtual network to use. If it's not specified Rancher will create 3 news subnets (list)
- **user_data** - (Optional/Computed) Pass user-data to the nodes to perform automated configuration tasks (string)
- **virtual_network** - (Optional) The name of the virtual network to use. If it's not specified Rancher will create a new VPC (string)

» `gke_config`

» Arguments

The following arguments are supported:

- `cluster_ipv4_cidr` - (Required) The IP address range of the container pods (string)
- `credential` - (Required/Sensitive) The contents of the GC credential file (string)
- `disk_type` - (Required) Type of the disk attached to each node (string)
- `image_type` - (Required) The image to use for the worker nodes (string)
- `ip_policy_cluster_ipv4_cidr_block` - (Required) The IP address range for the cluster pod IPs (string)
- `ip_policy_cluster_secondary_range_name` - (Required) The name of the secondary range to be used for the cluster CIDR block (string)
- `ip_policy_node_ipv4_cidr_block` - (Required) The IP address range of the instance IPs in this cluster (string)
- `ip_policy_services_ipv4_cidr_block` - (Required) The IP address range of the services IPs in this cluster (string)
- `ip_policy_services_secondary_range_name` - (Required) The name of the secondary range to be used for the services CIDR block (string)
- `ip_policy_subnetwork_name` - (Required) A custom subnetwork name to be used if `createSubnetwork` is true (string)
- `locations` - (Required) Locations for GKE cluster (list)
- `machine_type` - (Required) Machine type for GKE cluster (string)
- `maintenance_window` - (Required) Maintenance window for GKE cluster (string)
- `master_ipv4_cidr_block` - (Required) The IP range in CIDR notation to use for the hosted master network (string)
- `master_version` - (Required) Master version for GKE cluster (string)
- `network` - (Required) Network for GKE cluster (string)
- `node_pool` - (Required) The ID of the cluster node pool (string)
- `node_version` - (Required) Node version for GKE cluster (string)
- `oauth_scopes` - (Required) The set of Google API scopes to be made available on all of the node VMs under the default service account (list)
- `project_id` - (Required) Project ID for GKE cluster (string)
- `service_account` - (Required) The Google Cloud Platform Service Account to be used by the node VMs (string)
- `sub_network` - (Required) Subnetwork for GKE cluster (string)
- `description` - (Optional) An optional description of this cluster (string)
- `disk_size_gb` - (Optional) Size of the disk attached to each node. Default 100 (int)
- `enable_alpha_feature` - (Optional) To enable kubernetes alpha feature. Default true (bool)
- `enable_auto_repair` - (Optional) Specifies whether the node auto-repair

is enabled for the node pool. Default **false** (bool)

- **enable_auto_upgrade** - (Optional) Specifies whether node auto-upgrade is enabled for the node pool. Default **false** (bool)
- **enable_horizontal_pod_autoscaling** - (Optional) Enable horizontal pod autoscaling for the cluster. Default **true** (bool)
- **enable_http_load_balancing** - (Optional) Enable HTTP load balancing on GKE cluster. Default **true** (bool)
- **enable_kubernetes_dashboard** - (Optional) Whether to enable the kubernetes dashboard. Default **false** (bool)
- **enable_legacy_abac** - (Optional) Whether to enable legacy abac on the cluster. Default **false** (bool)
- **enable_network_policy_config** - (Optional) Enable stackdriver logging. Default **true** (bool)
- **enable_nodepool_autoscaling** - (Optional) Enable nodepool autoscaling. Default **false** (bool)
- **enable_private_endpoint** - (Optional) Whether the master's internal IP address is used as the cluster endpoint. Default **false** (bool)
- **enable_private_nodes** - (Optional) Whether nodes have internal IP address only. Default **false** (bool)
- **enable_stackdriver_logging** - (Optional) Enable stackdriver monitoring. Default **true** (bool)
- **enable_stackdriver_monitoring** - (Optional) Enable stackdriver monitoring on GKE cluster (bool)
- **ip_policy_create_subnetwork** - (Optional) Whether a new subnetwork will be created automatically for the cluster. Default **false** (bool)
- **issue_client_certificate** - (Optional) Issue a client certificate. Default **false** (bool)
- **kubernetes_dashboard** - (Optional) Enable the kubernetes dashboard. Default **false** (bool)
- **labels** - (Optional/Computed) The map of Kubernetes labels to be applied to each node (map)
- **local_ssd_count** - (Optional) The number of local SSD disks to be attached to the node. Default 0 (int)
- **master_authorized_network_cidr_blocks** - (Optional) Define up to 10 external networks that could access Kubernetes master through HTTPS (list)
- **max_node_count** - (Optional) Maximum number of nodes in the NodePool. Must be \geq minNodeCount. There has to enough quota to scale up the cluster. Default 0 (int)
- **min_node_count** - (Optional) Minimum number of nodes in the NodePool. Must be ≥ 1 and \leq maxNodeCount. Default 0 (int)
- **node_count** - (Optional) Node count for GKE cluster. Default 3 (int)
- **preemptible** - (Optional) Whether the nodes are created as preemptible VM instances. Default **false** (bool)
- **resource_labels** - (Optional/Computed) The map of Kubernetes labels to be applied to each cluster (map)

- **use_ip_aliases** - (Optional) Whether alias IPs will be used for pod IPs in the cluster. Default **false** (bool)
- **taints** - (Required) List of kubernetes taints to be applied to each node (list)
- **zone** - (Required) Zone GKE cluster (string)

» **cluster_auth_endpoint**

» **Arguments**

- **ca_certs** - (Optional) CA certs for the authorized cluster endpoint (string)
- **enabled** - (Optional) Enable the authorized cluster endpoint. Default **true** (bool)
- **fqdn** - (Optional) FQDN for the authorized cluster endpoint (string)

» **cluster_registration_token**

» **Attributes**

- **cluster_id** - (Computed) Cluster ID (string)
- **name** - (Computed) Name of cluster registration token (string)
- **command** - (Computed) Command to execute in a imported k8s cluster (string)
- **insecure_command** - (Computed) Insecure command to execute in a imported k8s cluster (string)
- **manifest_url** - (Computed) K8s manifest url to execute kubectl in a imported k8s cluster (string)
- **node_command** - (Computed) Node command to execute in linux nodes for custom k8s cluster (string)
- **token** - (Computed) Token for cluster registration token object (string)
- **windows_node_command** - (Computed) Node command to execute in windows nodes for custom k8s cluster (string)
- **annotations** - (Computed) Annotations for cluster registration token object (map)
- **labels** - (Computed) Labels for cluster registration token object (map)

» **Timeouts**

rancher2_cluster provides the following Timeouts configuration options:

- **create** - (Default 30 minutes) Used for creating clusters.
- **update** - (Default 30 minutes) Used for cluster modifications.
- **delete** - (Default 30 minutes) Used for deleting clusters.

» Import

Clusters can be imported using the rancher Cluster ID

```
$ terraform import rancher2_cluster.foo <cluster>
```

» rancher2__cluster__driver

Provides a Rancher v2 Cluster Driver resource. This can be used to create Cluster Driver for rancher v2.2.x kontainer engine and retrieve their information.

» Example Usage

```
# Create a new rancher2 Cluster Driver
resource "rancher2_cluster_driver" "foo" {
  active = true
  builtin = false
  checksum = "0x0"
  description = "Foo description"
  external_id = "foo_external"
  name = "foo"
  ui_url = "local://ui"
  url = "local://"
  whitelist_domains = ["*.foo.com"]
}
```

» Argument Reference

The following arguments are supported:

- **active** - (Required) Specify if the cluster driver state (bool)
- **builtin** - (Required) Specify wheter the cluster driver is an internal cluster driver or not (bool)
- **name** - (Required) Name of the cluster driver (string)
- **url** - (Required) The URL to download the machine driver binary for 64-bit Linux (string)
- **actual_url** - (Optional) Actual url of the cluster driver (string)
- **checksum** - (Optional) Verify that the downloaded driver matches the expected checksum (string)
- **ui_url** - (Optional) The URL to load for customized Add Clusters screen for this driver (string)
- **whitelist_domains** - (Optional) Domains to whitelist for the ui (list)
- **annotations** - (Optional/Computed) Annotations of the resource (map)

- `labels` - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_cluster_driver` provides the following Timeouts configuration options:

- `create` - (Default 10 minutes) Used for creating cluster drivers.
- `update` - (Default 10 minutes) Used for cluster driver modifications.
- `delete` - (Default 10 minutes) Used for deleting cluster drivers.

» Import

Cluster Driver can be imported using the rancher Cluster Driver ID

```
$ terraform import rancher2_cluster_driver.foo <cluster_driver_id>
```

» rancher2__cluster__logging

Provides a Rancher v2 Cluster Logging resource. This can be used to create Cluster Logging for rancher v2 environments and retrieve their information.

» Example Usage

```
# Create a new rancher2 Cluster Logging
resource "rancher2_cluster_logging" "foo" {
  name = "foo"
  cluster_id = "<cluster_id>"
  kind = "syslog"
  syslog_config {
    endpoint = "<syslog_endpoint>"
    protocol = "udp"
    severity = "notice"
    ssl_verify = false
  }
}
```

» Argument Reference

The following arguments are supported:

- `cluster_id` - (Required) The cluster id to configure logging (string)
- `name` - (Required) The name of the cluster logging config (string)
- `kind` - (Required) The kind of the Cluster Logging. `elasticsearch`, `fluentd`, `kafka`, `splunk` and `syslog` are supported (string)
- `elasticsearch_config` - (Optional) The elasticsearch config for Cluster Logging. For `kind = elasticsearch`. Conflicts with `fluentd_config`, `kafka_config`, `splunk_config` and `syslog_config` (list maxitems:1)
- `fluentd_config` - (Optional) The fluentd config for Cluster Logging. For `kind = fluentd`. Conflicts with `elasticsearch_config`, `kafka_config`, `splunk_config` and `syslog_config` (list maxitems:1)
- `kafka_config` - (Optional) The kafka config for Cluster Logging. For `kind = kafka`. Conflicts with `elasticsearch_config`, `fluentd_config`, `splunk_config` and `syslog_config` (list maxitems:1)
- `namespace_id` - (Optional) The namespace id from cluster logging (string)
- `output_flush_interval` - (Optional) How often buffered logs would be flushed. Default: 3 seconds (int)
- `output_tags` - (Optional/computed) The output tags for Cluster Logging (map)
- `splunk_config` - (Optional) The splunk config for Cluster Logging. For `kind = splunk`. Conflicts with `elasticsearch_config`, `fluentd_config`, `kafka_config`, and `syslog_config` (list maxitems:1)
- `syslog_config` - (Optional) The syslog config for Cluster Logging. For `kind = syslog`. Conflicts with `elasticsearch_config`, `fluentd_config`, `kafka_config`, and `splunk_config` (list maxitems:1)
- `annotations` - (Optional/Computed) Annotations for Cluster Logging object (map)
- `labels` - (Optional/Computed) Labels for Cluster Logging object (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)

» Nested blocks

» `elasticsearch_config`

» Arguments

- **endpoint** - (Required) Endpoint of the elasticsearch service. Must include protocol, **http://** or **https://** (string)
- **auth_password** - (Optional/Sensitive) User password for the elasticsearch service (string)
- **auth_username** - (Optional/Sensitive) Username for the elasticsearch service (string)
- **certificate** - (Optional/Sensitive) SSL certificate for the elasticsearch service (string)
- **client_cert** - (Optional/Sensitive) SSL client certificate for the elasticsearch service (string)
- **client_key** - (Optional/Sensitive) SSL client key for the elasticsearch service (string)
- **client_key_pass** - (Optional/Sensitive) SSL client key password for the elasticsearch service (string)
- **date_format** - (Optional) Date format for the elasticsearch logs. Default: YYYY-MM-DD (string)
- **index_prefix** - (Optional) Index prefix for the elasticsearch logs. Default: local (string)
- **ssl_verify** - (Optional) SSL verify for the elasticsearch service (bool)
- **ssl_version** - (Optional) SSL version for the elasticsearch service (string)

» **fluentd_config**

» **Arguments**

- **fluent_servers** - (Required) Servers for the fluentd service (list)
- **certificate** - (Optional/Sensitive) SSL certificate for the fluentd service (string)
- **compress** - (Optional) Compress data for the fluentd service (bool)
- **enable_tls** - (Optional) Enable TLS for the fluentd service (bool)

» **fluent_servers**

» **Arguments**

- **endpoint** - (Required) Endpoint of the fluentd service (string)
- **hostname** - (Optional) Hostname of the fluentd service (string)
- **password** - (Optional/Sensitive) User password of the fluentd service (string)
- **shared_key** - (Optional/Sensitive) Shared key of the fluentd service (string)
- **standby** - (Optional) Standby server of the fluentd service (bool)
- **username** - (Optional/Sensitive) Username of the fluentd service (string)
- **weight** - (Optional) Weight of the fluentd server (int)

» **kafka_config**

» **Arguments**

- **topic** - (Required) Topic to publish on the kafka service (string)
- **broker_endpoints** - (Optional) Kafka endpoints for kafka service. Conflicts with **zookeeper_endpoint** (list)
- **certificate** - (Optional/Sensitive) SSL certificate for the kafka service (string)
- **client_cert** - (Optional/Sensitive) SSL client certificate for the kafka service (string)
- **client_key** - (Optional/Sensitive) SSL client key for the kafka service (string)
- **zookeeper_endpoint** - (Optional) Zookeeper endpoint for kafka service. Conflicts with **broker_endpoints** (string)

» **splunk_config**

» **Arguments**

- **endpoint** - (Required) Endpoint of the splunk service. Must include protocol, **http://** or **https://** (string)
- **token** - (Required/Sensitive) Token for the splunk service (string)
- **certificate** - (Optional/Sensitive) SSL certificate for the splunk service (string)
- **client_cert** - (Optional/Sensitive) SSL client certificate for the splunk service (string)
- **client_key** - (Optional/Sensitive) SSL client key for the splunk service (string)
- **client_key_pass** - (Optional/Sensitive) SSL client key password for the splunk service (string)
- **index** - (Optional) Index prefix for the splunk logs (string)
- **source** - (Optional) Date format for the splunk logs (string)
- **ssl_verify** - (Optional) SSL verify for the splunk service (bool)

» **syslog_config**

» **Arguments**

- **endpoint** - (Required) Endpoint of the syslog service (string)
- **certificate** - (Optional/Sensitive) SSL certificate for the syslog service (string)
- **client_cert** - (Optional/Sensitive) SSL client certificate for the syslog service (string)
- **client_key** - (Optional/Sensitive) SSL client key for the syslog service (string)

- **program** - (Optional) Program for the syslog service (string)
- **protocol** - (Optional) Protocol for the syslog service. **tcp** and **udp** are supported. Default: **udp** (string)
- **severity** - (Optional) Date format for the syslog logs. **emergency**, **alert**, **critical**, **error**, **warning**, **notice**, **info** and **debug** are supported. Default: **notice** (string)
- **ssl_verify** - (Optional) SSL verify for the syslog service (bool)
- **token** - (Optional/Sensitive) Token for the syslog service (string)

» Timeouts

rancher2_cluster_logging provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating cluster logging configurations.
- **update** - (Default 10 minutes) Used for cluster logging configuration modifications.
- **delete** - (Default 10 minutes) Used for deleting cluster logging configurations.

» Import

Cluster Logging can be imported using the rancher Cluster Logging ID

```
$ terraform import rancher2_cluster_logging.foo <cluster_logging_id>
```

» rancher2__cluster__role__template__binding

Provides a Rancher v2 Cluster Role Template Binding resource. This can be used to create Cluster Role Template Bindings for rancher v2 environments and retrieve their information.

» Example Usage

```
# Create a new rancher2 Cluster Role Template Binding
resource "rancher2_cluster_role_template_binding" "foo" {
  name = "foo"
  cluster_id = "<cluster_id>"
  role_template_id = "<role_template_id>"
  user_id = "<user_id>"
}
```


» Argument Reference

The following arguments are supported:

- **cluster_id** - (Required) The cluster id where bind cluster role template binding (string)
- **role_template_id** - (Required) The role template id from create cluster role template binding (string)
- **name** - (Required) The name of the cluster role template binding (string)
- **group_id** - (Optional) The group ID to assign cluster role template binding (string)
- **group_principal_id** - (Optional) The group_principal ID to assign cluster role template binding (string)
- **user_id** - (Optional) The user ID to assign cluster role template binding (string)
- **user_principal_id** - (Optional) The user_principal ID to assign cluster role template binding (string)
- **annotations** - (Optional/Computed) Annotations for cluster role template binding (map)
- **labels** - (Optional/Computed) Labels for cluster role template binding (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_cluster_role_template_binding` provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating cluster role template bindings.
- **update** - (Default 10 minutes) Used for cluster role template binding modifications.
- **delete** - (Default 10 minutes) Used for deleting cluster role template bindings.

» Import

Cluster Role Template Bindings can be imported using the rancher cluster Role Template Binding ID

```
$ terraform import rancher2_cluster_role_template_binding.foo <cluster_role_template_binding>
```

» rancher2__etcd__backup

Provides a Rancher v2 Etcd Backup resource. This can be used to create Etcd Backup for rancher v2.2.x and retrieve their information.

» Example Usage

```
# Create a new rancher2 Etcd Backup
resource "rancher2_etcd_backup" "foo" {
  backup_config {
    enabled = true
    interval_hours = 20
    retention = 10
    s3_backup_config {
      access_key = "access_key"
      bucket_name = "bucket_name"
      endpoint = "endpoint"
      folder = "/folder"
      region = "region"
      secret_key = "secret_key"
    }
  }
  cluster_id = "<CLUSTER_ID>"
  name = "foo"
  filename = "<FILENAME>"
}
```

» Argument Reference

The following arguments are supported:

- **cluster_id** - (Required) Cluster ID to config Etcd Backup (string)
- **backup_config** - (Optional/Computed) Backup config for etcd backup (list maxitems:1)
- **filename** - (Optional/Computed) Filename of the Etcd Backup (string)
- **manual** - (Optional) Manual execution of the Etcd Backup. Default **false** (bool)
- **name** - (Required) The name of the Etcd Backup (string)
- **namespace_id** - (Optional/Computed) Description for the Etcd Backup (string)
- **annotations** - (Optional) Annotations for Etcd Backup object (map)

- `labels` - (Optional/Computed) Labels for Etcd Backup object (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)

» Nested blocks

» `backup_config`

» Arguments

- `enabled` - (Optional) Enable etcd backup (bool)
- `interval_hours` - (Optional) Interval hours for etcd backup. Default 12 (int)
- `retention` - (Optional) Retention for etcd backup. Default 6 (int)
- `s3_backup_config` - (Optional) S3 config options for etcd backup. Valid for imported and `rke` clusters. (list maxitems:1)

» `s3_backup_config`

» Arguments

- `access_key` - (Optional/Sensitive) Access key for S3 service (string)
- `bucket_name` - (Required) Bucket name for S3 service (string)
- `custom_ca` - (Optional) Base64 encoded custom CA for S3 service. Use `filebase64()` for encoding file. Available from rancher v2.2.5 (string)
- `endpoint` - (Required) Endpoint for S3 service (string)
- `folder` - (Optional) Folder for S3 service. Available from rancher v2.2.7 (string)
- `region` - (Optional) Region for S3 service (string)
- `secret_key` - (Optional/Sensitive) Secret key for S3 service (string)

» Timeouts

`rancher2_etcd_backup` provides the following Timeouts configuration options:

- `create` - (Default 10 minutes) Used for creating cloud credentials.
- `update` - (Default 10 minutes) Used for cloud credential modifications.
- `delete` - (Default 10 minutes) Used for deleting cloud credentials.

» Import

Etcd Backup can be imported using the rancher etcd backup ID

```
$ terraform import rancher2_etcd_backup.foo <etcd_backup_id>
```

» rancher2__global__role__binding

Provides a Rancher v2 Global Role Binding resource. This can be used to create Global Role Bindings for rancher v2 environments and retrieve their information.

» Example Usage

```
# Create a new rancher2 Global Role Binding
resource "rancher2_global_role_binding" "foo" {
  name = "foo"
  global_role_id = "<global_role_id>"
  user_id = "<user_id>"
}
```

» Argument Reference

The following arguments are supported:

- **global_role_id** - (Required/ForceNew) The role id from create global role binding (string)
- **user_id** - (Required/ForceNew) The user ID to assign global role binding (string)
- **name** - (Optional/Computed/ForceNew) The name of the global role binding (string)
- **annotations** - (Optional/Computed) Annotations for global role binding (map)
- **labels** - (Optional/Computed) Labels for global role binding (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_global_role_binding` provides the following Timeouts configuration options:

- `create` - (Default 5 minutes) Used for creating global role bindings.
- `update` - (Default 5 minutes) Used for global role binding modifications.
- `delete` - (Default 5 minutes) Used for deleting global role bindings.

» Import

Global Role Bindings can be imported using the rancher Global Role Binding ID

```
$ terraform import rancher2_global_role_binding.foo <global_role_binding_id>
```

» rancher2_multi_cluster_app

Provides a Rancher v2 `multi_cluster_app` resource. This can be used to deploy `multi_cluster_app` on rancher v2.

This resource can also modify rancher v2 multi cluster apps in 3 ways: - **Add/Remove targets:** If `targets` arguments is modified, the multi cluster app targets will be updated. - **Rollback:** If `revision_id` argument is provided or modified the multi cluster app will be rolled back accordingly. It will generate a non empty tf plan that will require manual tf file edition. Use carefully. - **Update:** If any other argument is modified the app will be upgraded.

Note: In case of multiple resource modification in a row, `rollback` has preference.

» Example Usage

```
# Create a new rancher2 Multi Cluster App
resource "rancher2_multi_cluster_app" "foo" {
  catalog_name = "<catalog_name>"
  name = "foo"
  targets {
    project_id = "<project_id>"
  }
  template_name = "<template_name>"
  template_version = "<template_version>"
  answers {
    values = {
```

```

        "ingress_host" = "test.xip.io"
    }
}
roles = ["project-member"]
}

# Create a new rancher2 Multi Cluster App overriding answers
resource "rancher2_multi_cluster_app" "foo" {
    catalog_name = "<catalog_name>"
    name = "foo"
    targets {
        project_id = "<project_id1>"
    }
    targets {
        project_id = "<project_id2>"
    }
    template_name = "<template_name>"
    template_version = "<template_version>"
    answers {
        values = {
            "ingress_host" = "test.xip.io"
        }
    }
    answers {
        project_id = "<project_id2>"
        values = {
            "ingress_host" = "test2.xip.io"
        }
    }
    roles = ["project-member"]
}

```

» Argument Reference

The following arguments are supported:

- **catalog_name** - (Required) The multi cluster app catalog name (string)
- **name** - (Required/ForceNew) The multi cluster app name (string)
- **roles** - (Required) The multi cluster app roles (list)
- **targets** - (Required) The multi cluster app target projects (list)
- **template_name** - (Required) The multi cluster app template name (string)
- **answers** - (Optional/Computed) The multi cluster app answers (list)
- **members** - (Optional) The multi cluster app answers (list)
- **revision_history_limit** - (Computed) The multi cluster app revision history limit. Default 10 (int)

- **revision_id** - (Optional/Computed) Current revision id for the multi cluster app (string)
- **template_version** - (Optional/Computed) The multi cluster app template version. Default: **latest** (string)
- **upgrade_strategy** - (Optional/Computed) The multi cluster app upgrade strategy (list MaxItems:1)
- **wait** - (Optional) Wait until the multi cluster app is active. Default **true** (bool)
- **annotations** - (Optional/Computed) Annotations for multi cluster app object (map)
- **labels** - (Optional/Computed) Labels for multi cluster app object (map)

» Nested blocks

» **targets**

» Arguments

- **project_id** - (Required) Project ID for target (string)
- **app_id** - (Computed) App ID for target (string)
- **health_state** - (Computed) App health state for target (string)
- **state** - (Computed) App state for target (string)

» **answers**

» Arguments

- **cluster_id** - (Optional) Cluster ID for answer (string)
- **project_id** - (Optional) Project ID for target (string)
- **values** - (Optional) Key/values for answer (map)

» **members**

» Arguments

- **access_type** - (Optional) Member access type. Valid values: ["**member**" | "**owner**" | "**read-only**"] (string)
- **group_principal_id** - (Optional) Member group principal id (string)
- **user_principal_id** - (Optional) Member user principal id (string)

» **upgrade_strategy**

» Arguments

- `rolling_update` - (Optional) Upgrade strategy rolling update (list Max-Items:1)

» `rolling_update`

» Arguments

- `batch_size` - (Optional) Rolling update batch size. Default 1 (int)
- `interval` - (Optional) Rolling update interval. Default 1 (int)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)
- `template_version_id` - (Computed) The multi cluster app template version ID (string)

» Timeouts

`rancher2_app` provides the following Timeouts configuration options:

- `create` - (Default 10 minutes) Used for creating apps.
- `update` - (Default 10 minutes) Used for app modifications.
- `delete` - (Default 10 minutes) Used for deleting apps.

» Import

Multi cluster app can be imported using the multi cluster app ID in the format `<multi_cluster_app_name>`

```
$ terraform import rancher2_multi_cluster_app.foo <multi_cluster_app_name>
```

» `rancher2__namespace`

Provides a Rancher v2 Namespace resource. This can be used to create namespaces for rancher v2 environments and retrieve their information.

» Example Usage

```
# Create a new rancher2 Namespace
resource "rancher2_namespace" "foo" {
  name = "foo"
  project_id = "<PROJECT_ID>"
  description = "foo namespace"
  resource_quota {
    limit {
      limits_cpu = "100m"
      limits_memory = "100Mi"
      requests_storage = "1Gi"
    }
  }
  container_resource_limit {
    limits_cpu = "20m"
    limits_memory = "20Mi"
    requests_cpu = "1m"
    requests_memory = "1Mi"
  }
}

# Create a new rancher2 Cluster
resource "rancher2_cluster" "foo-custom" {
  name = "foo-custom"
  description = "Foo rancher2 custom cluster"
  rke_config {
    network {
      plugin = "canal"
    }
  }
}

# Create a new rancher2 Namespace assigned to default cluster project
resource "rancher2_namespace" "foo" {
  name = "foo"
  project_id = "${rancher2_cluster.foo-custom.default_project_id}"
  description = "foo namespace"
  resource_quota {
    limit {
      limits_cpu = "100m"
      limits_memory = "100Mi"
      requests_storage = "1Gi"
    }
  }
  container_resource_limit {
    limits_cpu = "20m"
  }
}
```

```

    limits_memory = "20Mi"
    requests_cpu = "1m"
    requests_memory = "1Mi"
  }
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the namespace (string)
- **project_id** - (Required) The project id where assign namespace. It's on the form `project_id=<cluster_id>:<id>`. Updating `<id>` part on same `<cluster_id>` namespace will be moved between projects (string)
- **container_resource_limit** - (Optional/Computed) Default containers resource limits on namespace (List maxitem:1)
- **description** - (Optional) A namespace description (string)
- **resource_quota** - (Optional/Computed) Resource quota for namespace. Rancher v2.1.x or higher (list maxitems:1)
- **wait_for_cluster** - (Optional) Wait for cluster becomes active. Default `false` (bool)
- **annotations** - (Optional/Computed) Annotations for Node Pool object (map)
- **labels** - (Optional/Computed) Labels for Node Pool object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Nested blocks

» container_resource_limit

» Arguments

- **limits_cpu** - (Optional) CPU limit for containers (string)
- **limits_memory** - (Optional) Memory limit for containers (string)
- **requests_cpu** - (Optional) CPU reservation for containers (string)
- **requests_memory** - (Optional) Memory reservation for containers (string)

» **resource_quota**

» **Arguments**

- **limit** - (Required) Resource quota limit for namespace (list maxitems:1)

» **limit**

» **Arguments**

- **config_maps** - (Optional) Limit for config maps in namespace (string)
- **limits_cpu** - (Optional) Limit for limits cpu in namespace (string)
- **limits_memory** - (Optional) Limit for limits memory in namespace (string)
- **persistent_volume_claims** - (Optional) Limit for persistent volume claims in namespace (string)
- **Pods** - (Optional) Limit for pods in namespace (string)
- **replication_controllers** - (Optional) Limit for replication controllers in namespace (string)
- **requests_cpu** - (Optional) Limit for requests cpu in namespace (string)
- **requests_memory** - (Optional) Limit for requests memory in namespace (string)
- **requests_storage** - (Optional) Limit for requests storage in namespace (string)
- **secrets** - (Optional) Limit for secrets in namespace (string)
- **services_load_balancers** - (Optional) Limit for services load balancers in namespace (string)
- **services_node_ports** - (Optional) Limit for services node ports in namespace (string)

More info at [resource-quotas](#)

» **Timeouts**

rancher2_namespace provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating namespaces.
- **update** - (Default 10 minutes) Used for namespace modifications.
- **delete** - (Default 10 minutes) Used for deleting namespaces.

» **Import**

Namespaces can be imported using the namespace ID in the format `<project_id>.<namespace_id>`

```
$ terraform import rancher2_namespace.foo <project_id>.<namespace_id>
```

<project_id> is in the format <cluster_id>:<id>, but part is optional:

- If full project_id is provided, <project_id>=<cluster_id>:<id>, the namespace'll be assigned to corresponding cluster project once it's imported.
- If <id> part is omitted <project_id>=<cluster_id>, the namespace'll not be assigned to any project. To move it into a project, <project_id>=<cluster_id>:<id> needs to be updated in tf file. Namespace movement is only supported inside same cluster_id.

» rancher2__node__driver

Provides a Rancher v2 Node Driver resource. This can be used to create Node Driver for rancher v2 rke clusters and retrieve their information.

» Example Usage

```
# Create a new rancher2 Node Driver
resource "rancher2_node_driver" "foo" {
  active = true
  builtin = false
  checksum = "0x0"
  description = "Foo description"
  external_id = "foo_external"
  name = "foo"
  ui_url = "local://ui"
  url = "local://"
  whitelist_domains = ["*.foo.com"]
}
```

» Argument Reference

The following arguments are supported:

- **active** - (Required) Specify if the node driver state (bool)
- **builtin** - (Required) Specify whether the node driver is an internal node driver or not (bool)
- **name** - (Required) Name of the node driver (string)
- **url** - (Required) The URL to download the machine driver binary for 64-bit Linux (string)
- **checksum** - (Optional) Verify that the downloaded driver matches the expected checksum (string)

- **description** - (Optional) Description of the node driver (string)
- **external_id** - (Optional) External ID (string)
- **ui_url** - (Optional) The URL to load for customized Add Nodes screen for this driver (string)
- **whitelist_domains** - (Optional) Domains to whitelist for the ui (list)
- **annotations** - (Optional/Computed) Annotations of the resource (map)
- **labels** - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_node_driver` provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating node drivers.
- **update** - (Default 10 minutes) Used for node driver modifications.
- **delete** - (Default 10 minutes) Used for deleting node drivers.

» Import

Node Driver can be imported using the rancher Node Driver ID

```
$ terraform import rancher2_node_driver.foo <node_driver_id>
```

» rancher2__node__pool

Provides a Rancher v2 Node Pool resource. This can be used to create Node Pool, using Node template for rancher v2 rke clusters and retrieve their information.

» Example Usage

```
# Create a new rancher2 rke Cluster
resource "rancher2_cluster" "foo-custom" {
  name = "foo-custom"
  description = "Foo rancher2 custom cluster"
  kind = "rke"
  rke_config {
```

```

        network {
            plugin = "canal"
        }
    }
}
# Create a new rancher2 Cloud Credential
resource "rancher2_cloud_credential" "foo" {
    name = "foo"
    description= "Terraform cloudCredential acceptance test"
    amazonec2_config {
        access_key = "XXXXXXXXXXXXXXXXXXXX"
        secret_key = "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
    }
}
# Create a new rancher2 Node Template
resource "rancher2_node_template" "foo" {
    name = "foo"
    description = "foo test"
    cloud_credential_id = "${rancher2_cloud_credential.foo.id}"
    amazonec2_config {
        ami = "<AMI_ID>"
        region = "<REGION>"
        security_group = ["<AWS_SECURITY_GROUP>"]
        subnet_id = "<SUBNET_ID>"
        vpc_id = "<VPC_ID>"
        zone = "<ZONE>"
    }
}
# Create a new rancher2 Node Pool
resource "rancher2_node_pool" "foo" {
    cluster_id = "${rancher2_cluster.foo-custom.id}"
    name = "foo"
    hostname_prefix = "foo-cluster-0"
    node_template_id = "${rancher2_node_template.foo.id}"
    quantity = 1
    control_plane = true
    etcd = true
    worker = true
}

```

» Argument Reference

The following arguments are supported:

- `cluster_id` - (Required) The rke cluster id to use Node Pool (string)

- **name** - (Required) The name of the Node Pool (string)
- **hostname_prefix** - (Required) The prefix for created nodes of the Node Pool (string)
- **node_template_id** - (Required) The Node Template ID to use for node creation (string)
- **control_plane** - (Optional) RKE control plane role for created nodes (bool)
- **etcd** - (Optional) RKE etcd role for created nodes (bool)
- **quantity** - (Optional) The number of nodes to create on Node Pool. Default 1. Only values ≥ 1 allowed (int)
- **worker** - (Optional) RKE role role for created nodes (bool)
- **annotations** - (Optional/Computed) Annotations for Node Pool object (map)
- **labels** - (Optional/Computed) Labels for Node Pool object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_node_pool` provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating node pools.
- **update** - (Default 10 minutes) Used for node pool modifications.
- **delete** - (Default 10 minutes) Used for deleting node pools.

» Import

Node Pool can be imported using the rancher Node Pool ID

```
$ terraform import rancher2_node_pool.foo <node_pool_id>
```

» rancher2__node__template

Provides a Rancher v2 Node Template resource. This can be used to create Node Template for rancher v2 and retrieve their information.

amazonec2, azure, digitalocean, openstack and vsphere drivers are supported for node templates.

» Example Usage

```
# Create a new rancher2 Node Template up to rancher 2.1.x
resource "rancher2_node_template" "foo" {
  name = "foo"
  description = "foo test"
  amazonec2_config {
    access_key = "AWS_ACCESS_KEY"
    secret_key = "<AWS_SECRET_KEY>"
    ami = "<AMI_ID>"
    region = "<REGION>"
    security_group = ["<AWS_SECURITY_GROUP>"]
    subnet_id = "<SUBNET_ID>"
    vpc_id = "<VPC_ID>"
    zone = "<ZONE>"
  }
}

# Create a new rancher2 Node Template from rancher 2.2.x
resource "rancher2_cloud_credential" "foo" {
  name = "foo"
  description = "foo test"
  amazonec2_credential_config {
    access_key = "<AWS_ACCESS_KEY>"
    secret_key = "<AWS_SECRET_KEY>"
  }
}

resource "rancher2_node_template" "foo" {
  name = "foo"
  description = "foo test"
  cloud_credential_id = "${rancher2_cloud_credential.foo.id}"
  amazonec2_config {
    ami = "<AMI_ID>"
    region = "<REGION>"
    security_group = ["<AWS_SECURITY_GROUP>"]
    subnet_id = "<SUBNET_ID>"
    vpc_id = "<VPC_ID>"
    zone = "<ZONE>"
  }
}
```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the Node Template (string)

- **amazonec2_config** - (Optional) AWS config for the Node Template (list maxitems:1)
- **auth_certificate_authority** - (Optional/Sensitive) Auth certificate authority for the Node Template (string)
- **auth_key** - (Optional/Sensitive) Auth key for the Node Template (string)
- **azure_config** - (Optional) Azure config for the Node Template (list maxitems:1)
- **cloud_credential_id** - (Optional) Cloud credential ID for the Node Template. Required from rancher v2.2.x (string)
- **description** - (Optional) Description for the Node Template (string)
- **digitalocean_config** - (Optional) Digitalocean config for the Node Template (list maxitems:1)
- **engine_env** - (Optional) Engine environment for the node template (string)
- **engine_insecure_registry** - (Optional) Insecure registry for the node template (list)
- **engine_install_url** - (Optional) Docker engine install URL for the node template. Default <https://releases.rancher.com/install-docker/18.09.sh>. Available install docker versions at <https://github.com/rancher/install-docker> (string)
- **engine_label** - (Optional) Engine label for the node template (string)
- **engine_opt** - (Optional) Engine options for the node template (map)
- **engine_registry_mirror** - (Optional) Engine registry mirror for the node template (list)
- **engine_storage_driver** - (Optional) Engine storage driver for the node template (string)
- **openstack_config** - (Optional) Openstack config for the Node Template (list maxitems:1)
- **use_internal_ip_address** - (Optional) Engine storage driver for the node template (bool)
- **vsphere_config** - (Optional) vSphere config for the Node Template (list maxitems:1)
- **annotations** - (Optional) Annotations for Node Template object (map)
- **labels** - (Optional/Computed) Labels for Node Template object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **driver** - (Computed) The driver of the node template (string)

» Nested blocks

» `amazonec2_config`

» Arguments

- `ami` - (Required) AWS machine image (string)
- `region` - (Required) AWS region. (string)
- `security_group` - (Required) AWS VPC security group. (list)
- `subnet_id` - (Required) AWS VPC subnet id (string)
- `vpc_id` - (Required) AWS VPC id. (string)
- `zone` - (Required) AWS zone for instance (i.e. a,b,c,d,e) (string)
- `access_key` - (Optional/Sensitive) AWS access key. Required on rancher v2.0.x and v2.1.x. Use `rancher2_cloud_credential` from rancher v2.2.x (string)
- `block_duration_minutes` - (Optional) AWS spot instance duration in minutes (60, 120, 180, 240, 300, or 360). Default 0 (string)
- `device_name` - (Optional) AWS root device name. Default `/dev/sda1` (string)
- `endpoint` - (Optional) Optional endpoint URL (hostname only or fully qualified URI) (string)
- `iam_instance_profile` - (Optional) AWS IAM Instance Profile (string)
- `insecure_transport` - (Optional) Disable SSL when sending requests (bool)
- `instance_type` - (Optional) AWS instance type. Default `t2.micro` (string)
- `keypair_name` - (Optional) AWS keypair to use; requires `--amazonec2-ssh-keypath` (string)
- `monitoring` - (Optional) Set this flag to enable CloudWatch monitoring. Default `false` (bool)
- `open_port` - (Optional) Make the specified port number accessible from the Internet. (list)
- `private_address_only` - (Optional) Only use a private IP address. Default `false` (bool)
- `request_spot_instance` - (Optional) Set this flag to request spot instance. Default `false` (bool)
- `retries` - (Optional) Set retry count for recoverable failures (use -1 to disable). Default 5 (string)
- `root_size` - (Optional) AWS root disk size (in GB). Default 16 (string)
- `secret_key` - (Optional/Sensitive) AWS secret key. Required on rancher v2.0.x and v2.1.x. Use `rancher2_cloud_credential` from rancher v2.2.x (string)
- `security_group_readonly` - (Optional) Skip adding default rules to security groups (bool)
- `session_token` - (Optional/Sensitive) AWS Session Token (string)
- `spot_price` - (Optional) AWS spot instance bid price (in dollar). Default

0.50 (string)

- **ssh_keypath** - (Optional) SSH Key for Instance (string)
- **ssh_user** - (Optional) Set the name of the ssh user (string)
- **tags** - (Optional) AWS Tags (e.g. key1,value1,key2,value2) (string)
- **use_ebs_optimized_instance** - (Optional) Create an EBS optimized instance. Default **false** (bool)
- **use_private_address** - (Optional) Force the usage of private IP address. Default **false** (bool)
- **userdata** - (Optional) Path to file with cloud-init user data (string)
- **volume_type** - (Optional) Amazon EBS volume type. Default **gp2** (string)

» **azure_config**

» **Arguments**

- **client_id** - (Optional/Sensitive) Azure Service Principal Account ID. Mandatory on rancher v2.0.x and v2.1.x. Use **rancher2_cloud_credential** from rancher v2.2.x (string)
- **client_secret** - (Optional/Sensitive) Azure Service Principal Account password. Mandatory on rancher v2.0.x and v2.1.x. Use **rancher2_cloud_credential** from rancher v2.2.x (string)
- **subscription_id** - (Optional/Sensitive) Azure Subscription ID. Mandatory on rancher v2.0.x and v2.1.x. Use **rancher2_cloud_credential** from rancher v2.2.x (string)
- **availability_set** - (Optional) Azure Availability Set to place the virtual machine into. Default **docker-machine** (string)
- **custom_data** - (Optional) Path to file with custom-data (string)
- **dns** - (Optional) A unique DNS label for the public IP address (string)
- **docker_port** - (Optional) Port number for Docker engine. Default 2376 (string)
- **environment** - (Optional) Azure environment (e.g. AzurePublicCloud, AzureChinaCloud). Default **AzurePublicCloud** (string)
- **image** - (Optional) Azure virtual machine OS image. Default **canonical:UbuntuServer:18.04-LTS:latest** (string)
- **location** - (Optional) Azure region to create the virtual machine. Default **westus** (string)
- **no_public_ip** - (Optional) Do not create a public IP address for the machine. Default **false** (bool)
- **open_port** - (Optional) Make the specified port number accessible from the Internet. (list)
- **private_ip_address** - (Optional) Specify a static private IP address for the machine. (string)
- **resource_group** - (Optional) Azure Resource Group name (will be created if missing). Default **docker-machine** (string)
- **size** - (Optional) Size for Azure Virtual Machine. Default **Standard_A2**

(string)

- **ssh_user** - (Optional) Username for SSH login (string)
- **static_public_ip** - (Optional) Assign a static public IP address to the machine. Default **false** (bool)
- **storage_type** - (Optional) Type of Storage Account to host the OS Disk for the machine. Default **Standard_LRS** (string)
- **subnet** - (Optional) Azure Subnet Name to be used within the Virtual Network. Default **docker-machine** (string)
- **subnet_prefix** - (Optional) Private CIDR block to be used for the new subnet, should comply RFC 1918. Default **192.168.0.0/16** (string)
- **use_private_ip** - (Optional) Use private IP address of the machine to connect. Default **false** (string)
- **vnet** - (Optional) Azure Virtual Network name to connect the virtual machine (in [resourcegroup:]name format). Default **docker-machine-vnet** (string)

» digitalocean_config

» Arguments

- **access_token** - (Optional/Sensitive) Digital Ocean access token. Mandatory on rancher v2.0.x and v2.1.x. Use **rancher2_cloud_credential** from rancher v2.2.x (string)
- **backups** - (Optional) Enable backups for droplet. Default **false** (bool)
- **image** - (Optional) Digital Ocean Image. Default **ubuntu-16-04-x64** (string)
- **ipv6** - (Optional) Enable ipv6 for droplet. Default **false** (bool)
- **monitoring** - (Optional) Enable monitoring for droplet. Default **false** (bool)
- **private_networking** - (Optional) Enable private networking for droplet. Default **false** (bool)
- **region** - (Optional) Digital Ocean region. Default **nyc3** (string)
- **size** - (Optional) Digital Ocean size. Default **s-1vcpu-1gb** (string)
- **ssh_key_fingerprint** - (Optional/Sensitive) SSH key fingerprint (string)
- **ssh_key_path** - (Optional) SSH private key path (string)
- **ssh_port** - (Optional) SSH port. Default **22** (string)
- **ssh_user** - (Optional) SSH username. Default **root** (string)
- **tags** - (Optional) Comma-separated list of tags to apply to the Droplet (string)
- **userdata** - (Optional) Path to file with cloud-init user-data (string)

» openstack_config

» Arguments

- **auth_url** - (Required) OpenStack authentication URL (string)
- **availability_zone** - (Required) OpenStack availability zone (string)
- **region** - (Required) OpenStack region name (string)
- **username** - (Required) OpenStack username (string)
- **active_timeout** - (Optional) OpenStack active timeout Default 200 (string)
- **cacert** - (Optional) CA certificate bundle to verify against (string)
- **config_drive** - (Optional) Enables the OpenStack config drive for the instance. Default **false** (bool)
- **domain_id** - (Required*) OpenStack domain ID. Identity v3 only. Conflicts with **domain_name** (string)
- **domain_name** - (Required*) OpenStack domain name. Identity v3 only. Conflicts with **domain_id** (string)
- **endpoint_type** - (Optional) OpenStack endpoint type. adminURL, internalURL or publicURL (string)
- **flavor_id** - (Required*) OpenStack flavor id to use for the instance. Conflicts with **flavor_name** (string)
- **flavor_name** - (Required*) OpenStack flavor name to use for the instance. Conflicts with **flavor_id** (string)
- **floating_ip_pool** - (Optional) OpenStack floating IP pool to get an IP from to assign to the instance (string)
- **image_id** - (Required*) OpenStack image id to use for the instance. Conflicts with **image_name** (string)
- **image_name** - (Required*) OpenStack image name to use for the instance. Conflicts with **image_id** (string)
- **insecure** - (Optional) Disable TLS credential checking. Default **false** (bool)
- **ip_version** - (Optional) OpenStack version of IP address assigned for the machine Default 4 (string)
- **keypair_name** - (Optional) OpenStack keypair to use to SSH to the instance (string)
- **net_id** - (Required*) OpenStack network id the machine will be connected on. Conflicts with **net_name** (string)
- **net_name** - (Required*) OpenStack network name the machine will be connected on. Conflicts with **net_id** (string)
- **nova_network** - (Optional) Use the nova networking services instead of neutron (string)
- **password** - (Optional/Sensitive) OpenStack password. Mandatory on rancher v2.0.x and v2.1.x. Use **rancher2_cloud_credential** from rancher v2.2.x (string)
- **private_key_file** - (Optional) Private keyfile absolute path to use for SSH (string)
- **sec_groups** - (Optional) OpenStack comma separated security groups for the machine (string)
- **ssh_port** - (Optional) OpenStack SSH port * Default 22 (string)
- **ssh_user** - (Optional) OpenStack SSH user * Default: **root** (string)

- **tenant_id** - (Required*) OpenStack tenant id. Conflicts with **tenant_name** (string)
- **tenant_name** - (Required*) OpenStack tenant name. Conflicts with **tenant_id** (string)
- **user_data_file** - (Optional) File containing an openstack userdata script (string)

Note: Required* denotes that either the __name or __id is required but you cannot use both.

» vsphere_config

» Arguments

- **boot2docker_url** - (Optional) vSphere URL for boot2docker iso image. Default <https://releases.rancher.com/os/latest/rancheros-vmware.iso> (string)
- **cfgparam** - (Optional) vSphere vm configuration parameters (used for guestinfo) (list)
- **cloudinit** - (Optional) vSphere cloud-init file or url to set in the guestinfo (string)
- **cpu_count** - (Optional) vSphere CPU number for docker VM. Default 2 (string)
- **datacenter** - (Optional) vSphere datacenter for docker VM (string)
- **datastore** - (Optional) vSphere datastore for docker VM (string)
- **disk_size** - (Optional) vSphere size of disk for docker VM (in MB). Default 20480 (string)
- **folder** - (Optional) vSphere folder for the docker VM. This folder must already exist in the datacenter (string)
- **hostsystem** - (Optional) vSphere compute resource where the docker VM will be instantiated. This can be omitted if using a cluster with DRS (string)
- **memory_size** - (Optional) vSphere size of memory for docker VM (in MB). Default 2048 (string)
- **network** - (Optional) vSphere network where the docker VM will be attached (list)
- **password** - (Optional/Sensitive) vSphere password. Mandatory on rancher v2.0.x and v2.1.x. Use **rancher2_cloud_credential** from rancher v2.2.x (string)
- **pool** - (Optional) vSphere resource pool for docker VM (string)
- **username** - (Optional/Sensitive) vSphere username. Mandatory on rancher v2.0.x and v2.1.x. Use **rancher2_cloud_credential** from rancher v2.2.x (string)
- **vapp_ip_allocation_policy** - (Optional) vSphere vApp IP allocation policy. Supported values are: **dhcp**, **fixed**, **transient** and **fixedAllocated** (string)

- `vapp_ip_protocol` - (Optional) vSphere vApp IP protocol for this deployment. Supported values are: `IPv4` and `IPv6` (string)
- `vapp_property` - (Optional) vSphere vApp properties (list)
- `vapp_transport` - (Optional) vSphere OVF environment transports to use for properties. Supported values are: `iso` and `com.vmware.guestInfo` (string)
- `vcenter` - (Optional/Sensitive) vSphere IP/hostname for vCenter. Mandatory on rancher v2.0.x and v2.1.x. Use `rancher2_cloud_credential` from rancher v2.2.x (string)
- `vcenter_port` - (Optional/Sensitive) vSphere Port for vCenter. Mandatory on rancher v2.0.x and v2.1.x. Use `rancher2_cloud_credential` from rancher v2.2.x. Default 443 (string)

» Timeouts

`rancher2_node_template` provides the following Timeouts configuration options:

- `create` - (Default 10 minutes) Used for creating node templates.
- `update` - (Default 10 minutes) Used for node template modifications.
- `delete` - (Default 10 minutes) Used for deleting node templates.

» Import

Node Template can be imported using the rancher Node Template ID

```
$ terraform import rancher2_node_template.foo <node_template_id>
```

» rancher2__project

Provides a Rancher v2 Project resource. This can be used to create projects for rancher v2 environments and retrieve their information.

» Example Usage

```
# Create a new rancher2 Project
resource "rancher2_project" "foo" {
  name = "foo"
  cluster_id = "<CLUSTER_ID>"
  resource_quota {
    project_limit {
      limits_cpu = "2000m"
    }
  }
}
```

```

        limits_memory = "2000Mi"
        requests_storage = "2Gi"
    }
    namespace_default_limit {
        limits_cpu = "2000m"
        limits_memory = "500Mi"
        requests_storage = "1Gi"
    }
}
container_resource_limit {
    limits_cpu = "20m"
    limits_memory = "20Mi"
    requests_cpu = "1m"
    requests_memory = "1Mi"
}
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the project (string)
- **cluster_id** - (Required) The cluster id where create project (string)
- **container_resource_limit** - (Optional) Default containers resource limits on project (List maxitem:1)
- **description** - (Optional) A project description (string)
- **enable_project_monitoring** - (Optional) Enable built-in project monitoring. Default false (bool)
- **pod_security_policy_template_id** - (Optional) Default Pod Security Policy ID for the project (string)
- **resource_quota** - (Optional) Resource quota for project. Rancher v2.1.x or higher (list maxitems:1)
- **wait_for_cluster** - (Optional) Wait for cluster becomes active. Default false (bool)
- **annotations** - (Optional/Computed) Annotations for Node Pool object (map)
- **labels** - (Optional/Computed) Labels for Node Pool object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Nested blocks

» `container_resource_limit`

» Arguments

- `limits_cpu` - (Optional) CPU limit for containers (string)
- `limits_memory` - (Optional) Memory limit for containers (string)
- `requests_cpu` - (Optional) CPU reservation for containers (string)
- `requests_memory` - (Optional) Memory reservation for containers (string)

» `resource_quota`

» Arguments

- `project_limit` - (Required) Resource quota limit for project (list max-items:1)
- `namespace_default_limit` - (Required) Default resource quota limit for namespaces in project (list maxitems:1)

» `project_limit` and `namespace_default_limit`

» Arguments

The following arguments are supported:

- `config_maps` - (Optional) Limit for config maps in project (string)
- `limits_cpu` - (Optional) Limit for limits cpu in project (string)
- `limits_memory` - (Optional) Limit for limits memory in project (string)
- `persistent_volume_claims` - (Optional) Limit for persistent volume claims in project (string)
- `Pods` - (Optional) Limit for pods in project (string)
- `replication_controllers` - (Optional) Limit for replication controllers in project (string)
- `requests_cpu` - (Optional) Limit for requests cpu in project (string)
- `requests_memory` - (Optional) Limit for requests memory in project (string)
- `requests_storage` - (Optional) Limit for requests storage in project (string)
- `secrets` - (Optional) Limit for secrets in project (string)
- `services_load_balancers` - (Optional) Limit for services load balancers in project (string)
- `services_node_ports` - (Optional) Limit for services node ports in project (string)

More info at [resource-quotas](#)

» Timeouts

`rancher2_project` provides the following Timeouts configuration options:

- `create` - (Default 10 minutes) Used for creating projects.
- `update` - (Default 10 minutes) Used for project modifications.
- `delete` - (Default 10 minutes) Used for deleting projects.

» Import

Projects can be imported using the rancher Project ID

```
$ terraform import rancher2_project.foo <project_id>
```

» rancher2_project_logging

Provides a Rancher v2 Project Logging resource. This can be used to create Project Logging for rancher v2 environments and retrieve their information.

» Example Usage

```
# Create a new rancher2 Project Logging
resource "rancher2_project_logging" "foo" {
  name = "foo"
  project_id = "<project_id>"
  kind = "syslog"
  syslog_config {
    endpoint = "<syslog_endpoint>"
    protocol = "udp"
    severity = "notice"
    ssl_verify = false
  }
}
```

» Argument Reference

The following arguments are supported:

- `project_id` - (Required) The project id to configure logging (string)
- `name` - (Required) The name of the Project Logging config (string)
- `kind` - (Required) The kind of the Project Logging. `elasticsearch`, `fluentd`, `kafka`, `splunk` and `syslog` are supported (string)

- `elasticsearch_config` - (Optional) The elasticsearch config for Project Logging. For `kind = elasticsearch`. Conflicts with `fluentd_config`, `kafka_config`, `splunk_config` and `syslog_config` (list maxitems:1)
- `fluentd_config` - (Optional) The fluentd config for Project Logging. For `kind = fluentd`. Conflicts with `elasticsearch_config`, `kafka_config`, `splunk_config` and `syslog_config` (list maxitems:1)
- `kafka_config` - (Optional) The kafka config for Project Logging. For `kind = kafka`. Conflicts with `elasticsearch_config`, `fluentd_config`, `splunk_config` and `syslog_config` (list maxitems:1)
- `namespace_id` - (Optional) The namespace id from Project logging (string)
- `output_flush_interval` - (Optional) How often buffered logs would be flushed. Default: 3 seconds (int)
- `output_tags` - (Optional/computed) The output tags for Project Logging (map)
- `splunk_config` - (Optional) The splunk config for Project Logging. For `kind = splunk`. Conflicts with `elasticsearch_config`, `fluentd_config`, `kafka_config`, and `syslog_config` (list maxitems:1)
- `syslog_config` - (Optional) The syslog config for Project Logging. For `kind = syslog`. Conflicts with `elasticsearch_config`, `fluentd_config`, `kafka_config`, and `splunk_config` (list maxitems:1)
- `annotations` - (Optional/Computed) Annotations for Project Logging object (map)
- `labels` - (Optional/Computed) Labels for Project Logging object (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)

» Nested blocks

» `elasticsearch_config`

» Arguments

- `endpoint` - (Required) Endpoint of the elasticsearch service. Must include protocol, `http://` or `https://` (string)
- `auth_password` - (Optional/Sensitive) User password for the elasticsearch service (string)
- `auth_username` - (Optional/Sensitive) Username for the elasticsearch service (string)
- `certificate` - (Optional/Sensitive) SSL certificate for the elasticsearch service (string)

- **client_cert** - (Optional/Sensitive) SSL client certificate for the elasticsearch service (string)
- **client_key** - (Optional/Sensitive) SSL client key for the elasticsearch service (string)
- **client_key_pass** - (Optional/Sensitive) SSL client key password for the elasticsearch service (string)
- **date_format** - (Optional) Date format for the elasticsearch logs. Default: YYYY-MM-DD (string)
- **index_prefix** - (Optional) Index prefix for the elasticsearch logs. Default: local (string)
- **ssl_verify** - (Optional) SSL verify for the elasticsearch service (bool)
- **ssl_version** - (Optional) SSL version for the elasticsearch service (string)

» **fluentd_config**

» **Arguments**

- **fluent_servers** - (Required) Servers for the fluentd service (list)
- **certificate** - (Optional/Sensitive) SSL certificate for the fluentd service (string)
- **compress** - (Optional) Compress data for the fluentd service (bool)
- **enable_tls** - (Optional) Enable TLS for the fluentd service (bool)

» **fluent_servers**

» **Arguments**

- **endpoint** - (Required) Endpoint of the fluentd service (string)
- **hostname** - (Optional) Hostname of the fluentd service (string)
- **password** - (Optional/Sensitive) User password of the fluentd service (string)
- **shared_key** - (Optional/Sensitive) Shared key of the fluentd service (string)
- **standby** - (Optional) Standby server of the fluentd service (bool)
- **username** - (Optional/Sensitive) Username of the fluentd service (string)
- **weight** - (Optional) Weight of the fluentd server (int)

» **kafka_config**

» **Arguments**

- **topic** - (Required) Topic to publish on the kafka service (string)

- **broker_endpoints** - (Optional) Kafka endpoints for kafka service. Conflicts with **zookeeper_endpoint** (list)
- **certificate** - (Optional/Sensitive) SSL certificate for the kafka service (string)
- **client_cert** - (Optional/Sensitive) SSL client certificate for the kafka service (string)
- **client_key** - (Optional/Sensitive) SSL client key for the kafka service (string)
- **zookeeper_endpoint** - (Optional) Zookeeper endpoint for kafka service. Conflicts with **broker_endpoints** (string)

» **splunk_config**

» **Arguments**

- **endpoint** - (Required) Endpoint of the splunk service. Must include protocol, **http://** or **https://** (string)
- **token** - (Required/Sensitive) Token for the splunk service (string)
- **certificate** - (Optional/Sensitive) SSL certificate for the splunk service (string)
- **client_cert** - (Optional/Sensitive) SSL client certificate for the splunk service (string)
- **client_key** - (Optional/Sensitive) SSL client key for the splunk service (string)
- **client_key_pass** - (Optional/Sensitive) SSL client key password for the splunk service (string)
- **index** - (Optional) Index prefix for the splunk logs (string)
- **source** - (Optional) Date format for the splunk logs (string)
- **ssl_verify** - (Optional) SSL verify for the splunk service (bool)

» **syslog_config**

» **Arguments**

- **endpoint** - (Required) Endpoint of the syslog service (string)
- **certificate** - (Optional/Sensitive) SSL certificate for the syslog service (string)
- **client_cert** - (Optional/Sensitive) SSL client certificate for the syslog service (string)
- **client_key** - (Optional/Sensitive) SSL client key for the syslog service (string)
- **program** - (Optional) Program for the syslog service (string)
- **protocol** - (Optional) Protocol for the syslog service. **tcp** and **udp** are supported. Default: **udp** (string)

- **severity** - (Optional) Date format for the syslog logs. **emergency**, **alert**, **critical**, **error**, **warning**, **notice**, **info** and **debug** are supported. Default: **notice** (string)
- **ssl_verify** - (Optional) SSL verify for the syslog service (bool)
- **token** - (Optional/Sensitive) Token for the syslog service (string)

» Timeouts

rancher2_project_logging provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating project logging configurations.
- **update** - (Default 10 minutes) Used for project logging configuration modifications.
- **delete** - (Default 10 minutes) Used for deleting project logging configurations.

» Import

Project Logging can be imported using the rancher Project Logging ID

```
$ terraform import rancher2_project_logging.foo <project_logging_id>
```

» rancher2__project__role__template__binding

Provides a Rancher v2 Project Role Template Binding resource. This can be used to create Project Role Template Bindings for rancher v2 environments and retrieve their information.

» Example Usage

```
# Create a new rancher2 Project Role Template Binding
resource "rancher2_project_role_template_binding" "foo" {
  name = "foo"
  project_id = "<project_id>"
  role_template_id = "<role_template_id>"
  user_id = "<user_id>"
}
```

» Argument Reference

The following arguments are supported:

- **project_id** - (Required/ForceNew) The project id where bind project role template (string)
- **role_template_id** - (Required/ForceNew) The role template id from create project role template binding (string)
- **name** - (Required) The name of the project role template binding (string)
- **group_id** - (Optional) The group ID to assign project role template binding (string)
- **group_principal_id** - (Optional/Computed) The group_principal ID to assign project role template binding (string)
- **user_id** - (Optional) The user ID to assign project role template binding (string)
- **user_principal_id** - (Optional/Computed) The user_principal ID to assign project role template binding (string)
- **annotations** - (Optional/Computed) Annotations of the resource (map)
- **labels** - (Optional/Computed) Labels of the resource (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_project_role_template_binding` provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating project role template bindings.
- **update** - (Default 10 minutes) Used for project role template binding modifications.
- **delete** - (Default 10 minutes) Used for deleting project role template bindings.

» Import

Project Role Template Bindings can be imported using the rancher Project Role Template Binding ID

```
$ terraform import rancher2_project_role_template_binding.foo <project_role_template_binding_id>
```

» rancher2__registry

Provides a Rancher v2 Registry resource. This can be used to create docker registries for rancher v2 environments and retrieve their information.

Depending of the availability, there are 2 types of Rancher v2 docker registries:
- Project registry: Available to all namespaces in the `project_id` - Namespaced registry: Available to just `namespace_id` in the `project_id`

» Example Usage

```
# Create a new rancher2 Project Registry
resource "rancher2_registry" "foo" {
  name = "foo"
  description = "Terraform registry foo"
  project_id = "<project_id>"
  registries {
    address = "test.io"
    username = "user"
    password = "pass"
  }
}

# Create a new rancher2 Namespaced Registry
resource "rancher2_registry" "foo" {
  name = "foo"
  description = "Terraform registry foo"
  project_id = "<project_id>"
  namespace_id = "<namespace_id>"
  registries {
    address = "test.io"
    username = "user2"
    password = "pass"
  }
}
```

» Argument Reference

The following arguments are supported:

- `name` - (Required/ForceNew) The name of the registry (string)
- `project_id` - (Required/ForceNew) The project id where to assign the registry (string)
- `registries` - (Required) Registries data for registry (list)
- `description` - (Optional) A registry description (string)

- **namespace_id** - (Optional) The namespace id where to assign the namespaced registry (string)
- **annotations** - (Optional/Computed) Annotations for Registry object (map)
- **labels** - (Optional/Computed) Labels for Registry object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Nested blocks

» registries

» Arguments

- **address** - (Required) Address for registry.
- **password** - (Optional) Password for the registry (string)
- **username** - (Optional) Username for the registry (string)

» Timeouts

rancher2_registry provides the following Timeouts configuration options:

- **create** - (Default 10 minutes) Used for creating registries.
- **update** - (Default 10 minutes) Used for registry modifications.
- **delete** - (Default 10 minutes) Used for deleting registries.

» Import

Registries can be imported using the registry ID in the format `<namespace_id>.<project_id>.<registry_id>`

```
$ terraform import rancher2_registry.foo <namespace_id>.<project_id>.<registry_id>
```

`<namespace_id>` is optional, just needed for namespaced registry.

» rancher2_secret

Provides a Rancher v2 Secret resource. This can be used to create secrets for rancher v2 environments and retrieve their information.

Depending of the availability, there are 2 types of Rancher v2 secrets: - Project secret: Available to all namespaces in the `project_id` - Namespaced secret: Available to just `namespace_id` in the `project_id`

» Example Usage

```
# Create a new rancher2 Project Secret
resource "rancher2_secret" "foo" {
  name = "foo"
  description = "Terraform secret foo"
  project_id = "<project_id>"
  data = {
    address = base64encode("test.io")
    username = base64encode("user2")
    password = base64encode("pass")
  }
}

# Create a new rancher2 Namespaced Secret
resource "rancher2_secret" "foo" {
  name = "foo"
  description = "Terraform secret foo"
  project_id = "<project_id>"
  namespace_id = "<namespace_id>"
  data = {
    address = base64encode("test.io")
    username = base64encode("user2")
    password = base64encode("pass")
  }
}
```

» Argument Reference

The following arguments are supported:

- `data` - (Required) Secret key/value data. Base64 encoding required for values (map)
- `project_id` - (Required/ForceNew) The project id where to assign the secret (string)
- `description` - (Optional) A secret description (string)
- `name` - (Optional/ForceNew) The name of the secret (string)
- `namespace_id` - (Optional/ForceNew) The namespace id where to assign the namespaced secret (string)
- `annotations` - (Optional/Computed) Annotations for secret object (map)
- `labels` - (Optional/Computed) Labels for secret object (map)

» Attributes Reference

The following attributes are exported:

- `id` - (Computed) The ID of the resource (string)

» Timeouts

`rancher2_secret` provides the following Timeouts configuration options:

- `create` - (Default 10 minutes) Used for creating registries.
- `update` - (Default 10 minutes) Used for secret modifications.
- `delete` - (Default 10 minutes) Used for deleting registries.

» Import

Secrets can be imported using the secret ID in the format `<namespace_id>.<project_id>.<secret_id>`

```
$ terraform import rancher2_secret.foo <namespace_id>.<project_id>.<secret_id>
```

`<namespace_id>` is optional, just needed for namespaced secret.

» rancher2__setting

Provides a Rancher v2 Setting resource. This can be used to create settings for rancher v2 environments and retrieve their information.

On create, if setting already exists, provider will import it and update its value.

On destroy, if setting is a system setting like `server-url`, provider'll not delete it from Rancher, it'll just update setting value to default and remove it from tfstate.

» Example Usage

```
# Create a new rancher2 Setting
resource "rancher2_setting" "foo" {
  name = "foo"
  value = "<VALUE>"
}
```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name of the setting (string)
- **value** - (Required) The value of the setting (string)
- **annotations** - (Optional/Computed) Annotations for setting object (map)
- **labels** - (Optional/Computed) Labels for setting object (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)

» Import

Setting can be imported using the rancher setting ID.

```
$ terraform import rancher2_setting.foo <setting_id>
```

» rancher2__user

Provides a Rancher v2 user resource. This can be used to create Users for rancher v2 environments and retrieve their information.

Once Rancher user is created, it hasn't any global role binding. At least, **user-base** global role binding is needed in order to enable user login.

» Example Usage

```
# Create a new rancher2 User
resource "rancher2_user" "foo" {
  name = "Foo user"
  username = "foo"
  password = "changeme"
  enabled = true
}

# Create a new rancher2 global_role_binding for User
resource "rancher2_global_role_binding" "foo" {
  name = "foo"
  global_role_id = "user-base"
```

```
    user_id = "${rancher2_user.foo.id}"
}
```

» Argument Reference

The following arguments are supported:

- **username** - (Required/ForceNew) The user username (string)
- **password** - (Required/ForceNew) The user password (string)
- **name** - (Optional) The user full name (string)
- **annotations** - (Optional/Computed) Annotations for global role binding (map)
- **labels** - (Optional/Computed) Labels for global role binding (map)

» Attributes Reference

The following attributes are exported:

- **id** - (Computed) The ID of the resource (string)
- **principal_ids** - (Computed) The user principal IDs (list)

» Timeouts

rancher2_user provides the following Timeouts configuration options:

- **create** - (Default 5 minutes) Used for creating users.
- **update** - (Default 5 minutes) Used for user modifications.
- **delete** - (Default 5 minutes) Used for deleting users.

» Import

Users can be imported using the rancher User ID

```
$ terraform import rancher2_user.foo <user_id>
```