

## » **vultr\_\_account**

Get information about your Vultr account. This data source provides the balance, pending charges, last payment date, and last payment amount for your Vultr account.

### » **Example Usage**

Get the information for an account:

```
data "vultr_account" "my_account" {}
```

### » **Argument Reference**

This data source does not take any arguments. It will return the account information associated with the Vultr API key you have set.

### » **Attributes Reference**

The following attributes are exported:

- **balance** - The current balance on your Vultr account.
- **pending\_charges** - The pending charges on your Vultr account.
- **last\_payment\_date** - The date of the last payment made on your Vultr account.
- **last\_payment\_amount** - The amount of the last payment made on your Vultr account.

## » **vultr\_\_api\_\_key**

Get information about your Vultr API key. This data source provides the name, email, and access control list for your Vultr API key.

### » **Example Usage**

Get the information for your API key:

```
data "vultr_api_key" "my_api_key" {}
```

## » Argument Reference

This data source does not take any arguments. It will return the API key information associated with the Vultr API key you have set.

## » Attributes Reference

The following attributes are exported:

- **name** - The name associated with your Vultr API key.
- **email** - The email associated with your Vultr API key.
- **acl** - The access control list for your Vultr API key.

## » vultr\_application

Get information about applications that can be launched when creating a Vultr VPS.

## » Example Usage

Get the information for an application by `deploy_name`:

```
data "vultr_application" "docker" {  
  filter {  
    name     = "deploy_name"  
    values = ["Docker on CentOS 7 x64"]  
  }  
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding applications.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **name** - The name of the application.
- **deploy\_name** - The deploy name of the application.
- **short\_name** - The short name of the application.

## » vultr\_backup

Get information about a Vultr backup. This data source provides a list of backups which contain the description, size, status, and the creation date for your Vultr backup.

## » Example Usage

Get the information for a backup by **description**:

```
data "vultr_backup" "my_backup" {  
  filter {  
    name = "description"  
    values = ["my-backup-description"]  
  }  
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding backups.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **BACKUPID** - The ID of the backup
- **description** - The description of the backup.
- **size** - The size of the backup in bytes.
- **status** - The status of the backup.

- `date_created` - The date the backup was added to your Vultr account.

## » `vultr_bare_metal_plan`

Get information about a Vultr bare metal server plan.

### » Example Usage

Get the information for a plan by `name`:

```
data "vultr_bare_metal_plan" "my_plan" {
  filter {
    name   = "name"
    values = ["32768 MB RAM,4x 240 GB SSD,1.00 TB BW"]
  }
}
```

### » Argument Reference

The following arguments are supported:

- `filter` - (Required) Query parameters for finding plans.

The `filter` block supports the following:

- `name` - Attribute name to filter with.
- `values` - One or more values filter with.

### » Attributes Reference

The following attributes are exported:

- `name` - The name of the plan.
- `cpu_count` - The number of CPUs available on the plan.
- `cpu_model` - The CPU model of the plan.
- `ram` - The amount of memory available on the plan in MB.
- `disk` - The description of the disk(s) on the plan.
- `bandwidth_tb` - The bandwidth available on the plan in TB.
- `price_per_month` - The price per month of the plan in USD.
- `plan_type` - The type of plan it is.
- `available_locations` - A list of DCIDs (used as `region_id` in Terraform) where the plan can be deployed.

- **deprecated** - Indicates that the plan will be going away in the future. New deployments of it will still be accepted, but you should begin to transition away from its usage.

## » **vultr\_\_bare\_\_metal\_\_server**

Get information about a Vultr bare metal server.

### » **Example Usage**

Get the information for a server by **label**:

```
data "vultr_bare_metal_server" "my_server" {
  filter {
    name   = "label"
    values = ["my-server-label"]
  }
}
```

### » **Argument Reference**

The following arguments are supported:

- **filter** - (Required) Query parameters for finding servers.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

### » **Attributes Reference**

The following attributes are exported:

- **os** - The operating system of the server.
- **ram** - The amount of memory available on the server in MB.
- **disk** - The description of the disk(s) on the server.
- **main\_ip** - The server's main IP address.
- **cpu\_count** - The number of CPUs available on the server.
- **location** - The location of the server.
- **region\_id** - The region ID (DCID in the Vultr API) of the server.
- **default\_password** - The server's default password.
- **date\_created** - The date the server was added to your Vultr account.
- **status** - The status of the server's subscription.

- `netmask_v4` - The server's IPv4 netmask.
- `gateway_v4` - The server's IPv4 gateway.
- `plan_id` - The server's plan ID.
- `v6_networks` - A list of the server's IPv6 networks.
- `label` - The server's label.
- `tag` - The server's tag.
- `os_id` - The server's operating system ID.
- `app_id` - The server's application ID.

## » `vultr__block__storage`

Get information about a Vultr block storage subscription.

### » Example Usage

Get the information for a block storage subscription by `label`:

```
data "vultr_block_storage" "my_block_storage" {
  filter {
    name = "label"
    values = ["my-block-storage-label"]
  }
}
```

### » Argument Reference

The following arguments are supported:

- `filter` - (Required) Query parameters for finding block storage subscriptions.

The `filter` block supports the following:

- `name` - Attribute name to filter with.
- `values` - One or more values filter with.

### » Attributes Reference

The following attributes are exported:

- `label` - The label of the block storage subscription.
- `cost_per_month` - The cost per month of the block storage subscription in USD.
- `status` - The status of the block storage subscription.

- **size\_gb** - The size of the block storage subscription in GB.
- **region\_id** - The region ID (DCID in the Vultr API) of the block storage subscription.
- **attached\_to\_vps** - The ID of the VPS the block storage subscription is attached to.
- **date\_created** - The date the block storage subscription was added to your Vultr account.

## » **vultr\_\_dns\_\_domain**

Get information about a DNS domain associated with your Vultr account.

### » **Example Usage**

Get the information for a DNS domain:

```
data "vultr_dns_domain" "my_domain" {
  domain = "example.com"
}
```

### » **Argument Reference**

The following arguments are supported:

- **domain** - (Required) The name you're searching for.

### » **Attributes Reference**

The following attributes are exported:

- **domain** - Name of domain.
- **date\_created** - The date the DNS domain was added to your Vultr account.

## » **vultr\_\_firewall\_\_group**

Get information about a firewall group on your Vultr account.

## » Example Usage

Get the information for a firewall group by **description**:

```
data "vultr_firewall_group" "my_fwg" {
  filter {
    name    = "description"
    values = ["fwg-description"]
  }
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding firewall groups.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **description** - The description of the firewall group.
- **date\_created** - The date the firewall group was added to your Vultr account.
- **date\_modified** - The date the firewall group was last modified.
- **instance\_count** - The number of instances this firewall group is applied to.
- **rule\_count** - The number of rules added to this firewall group.
- **max\_rule\_count** - The maximum number of rules this firewall group can have.

## » vultr\_iso\_private

Get information about an ISO file uploaded to your Vultr account.

## » Example Usage

Get the information for a ISO file by **filename**:



```
data "vultr_iso_private" "my_iso" {
  filter {
    name     = "filename"
    values   = ["my-iso-filename"]
  }
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding ISO files.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **filename** - The ISO file's filename.
- **status** - The status of the ISO file.
- **size** - The size of the ISO file in bytes.
- **md5sum** - The md5 hash of the ISO file.
- **sha512sum** - The sha512 hash of the ISO file.
- **date\_created** - The date the ISO file was added to your Vultr account.

## » vultr\_iso\_public

Get information about an ISO file offered in the Vultr ISO library.

## » Example Usage

Get the information for a ISO file by **description**:

```
data "vultr_iso_public" "my_iso" {
  filter {
    name     = "description"
    values   = ["iso-description"]
  }
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding ISO files.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **name** - The ISO file's name.
- **description** - The description of the ISO file.

## » vultr\_network

Get information about a Vultr private network.

## » Example Usage

Get the information for a private network by **description**:

```
data "vultr_network" "my_network" {  
  filter {  
    name = "description"  
    values = ["my-network-description"]  
  }  
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding private networks.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **region\_id** - The ID of the region that the private network is in.
- **cidr\_block** - The CIDR block of the private network.
- **description** - The private network's description.
- **date\_created** - The date the private network was added to your Vultr account.

## » vultr\_\_os

Get information about operating systems that can be launched when creating a Vultr VPS.

## » Example Usage

Get the information for an operating system by **name**:

```
data "vultr_os" "centos" {
  filter {
    name   = "name"
    values = ["CentOS 7 x64"]
  }
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding operating systems.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **name** - The name of the operating system.
- **arch** - The architecture of the operating system.
- **family** - The family of the operating system.

- **windows** - If true, a Windows license will be included with the instance, which will increase the cost.

## » **vultr\_\_plan**

Get information about a Vultr plan.

### » **Example Usage**

Get the information for a plan by **name**:

```
data "vultr_plan" "my_plan" {
  filter {
    name   = "name"
    values = ["8192 MB RAM,160 GB SSD,4.00 TB BW"]
  }
}
```

### » **Argument Reference**

The following arguments are supported:

- **filter** - (Required) Query parameters for finding plans.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

### » **Attributes Reference**

The following attributes are exported:

- **name** - The name of the plan.
- **vcpu\_count** - The number of virtual CPUs available on the plan.
- **ram** - The amount of memory available on the plan in MB.
- **disk** - The amount of disk space in GB available on the plan.
- **bandwidth** - The bandwidth available on the plan in TB.
- **bandwidth\_gb** - The bandwidth available on the plan in GB.
- **price\_per\_month** - The price per month of the plan in USD.
- **plan\_type** - The type of plan it is.
- **available\_locations** - A list of DCIDs (used as **region\_id** in Terraform) where the plan can be deployed.

- **deprecated** - Indicates that the plan will be going away in the future. New deployments of it will still be accepted, but you should begin to transition away from its usage.

## » **vultr\_\_region**

Get information about a Vultr region.

### » **Example Usage**

Get the information for a region by **name**:

```
data "vultr_region" "my_region" {
  filter {
    name     = "name"
    values = ["Miami"]
  }
}
```

### » **Argument Reference**

The following arguments are supported:

- **filter** - (Required) Query parameters for finding regions.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

### » **Attributes Reference**

The following attributes are exported:

- **name** - The name of the region.
- **continent** - The continent the region is in.
- **country** - The country the region is in.
- **state** - The state the region is in.
- **ddos\_protection** - Whether the region has DDoS protection.
- **block\_storage** - Whether the region has block storage.
- **regioncode** - The region code of the region.

## » **vultr\_reserved\_ip**

Get information about a Vultr reserved IP address.

### » **Example Usage**

Get the information for a reserved IP by label:

```
data "vultr_reserved_ip" "my_reserved_ip" {
  filter {
    name = "label"
    values = ["my-reserved-ip-label"]
  }
}
```

### » **Argument Reference**

The following arguments are supported:

- **filter** - (Required) Query parameters for finding reserved IP addresses.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

### » **Attributes Reference**

The following attributes are exported:

- **region\_id** - The ID of the region that the reserved IP is in.
- **ip\_type** - The IP type of the reserved IP.
- **subnet** - The subnet of the reserved IP.
- **subnet\_size** - The subnet size of the reserved IP.
- **label** - The label of the reserved IP.
- **attached\_to\_vps** - The ID of the VPS the reserved IP is attached to.

## » **vultr\_server**

Get information about a Vultr server.

## » Example Usage

Get the information for a server by label:

```
data "vultr_server" "my_server" {
  filter {
    name    = "label"
    values = ["my-server-label"]
  }
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding servers.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **os** - The operating system of the server.
- **ram** - The amount of memory available on the server in MB.
- **disk** - The description of the disk(s) on the server.
- **main\_ip** - The server's main IP address.
- **vps\_cpu\_count** - The number of virtual CPUs available on the server.
- **location** - The physical location of the server.
- **region\_id** - The region ID (DCID in the Vultr API) of the server.
- **default\_password** - The server's default password.
- **date\_created** - The date the server was added to your Vultr account.
- **pending\_charges** - Charges pending for this server's subscription in USD.
- **cost\_per\_month** - The server's cost per month in USD.
- **current\_bandwidth** - The server's current bandwidth usage in GB.
- **allowed\_bandwidth** - The server's allowed bandwidth usage in GB.
- **netmask\_v4** - The server's IPv4 netmask.
- **gateway\_v4** - The server's IPv4 gateway.
- **status** - The status of the server's subscription.
- **power\_status** - Whether the server is powered on or not.
- **server\_state** - A more detailed server status (none, locked, installing-booting, isomounting, ok).
- **plan\_id** - The server's plan ID.

- **v6\_networks** - A list of the server's IPv6 networks.
- **label** - The server's label.
- **internal\_ip** - The server's internal IP address.
- **kvm\_url** - The server's current KVM URL. This URL will change periodically. It is not advised to cache this value.
- **auto\_backups** - Whether auto backups are enabled on this server.
- **tag** - The server's tag.
- **os\_id** - The server's operating system ID.
- **app\_id** - The server's application ID.
- **firewall\_group\_id** - The ID of the firewall group applied to this server.

## » **vultr\_\_snapshot**

Get information about a Vultr snapshot.

### » **Example Usage**

Get the information for a snapshot by **description**:

```
data "vultr_snapshot" "my_snapshot" {
  filter {
    name = "description"
    values = ["my-snapshot-description"]
  }
}
```

### » **Argument Reference**

The following arguments are supported:

- **filter** - (Required) Query parameters for finding snapshots.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

### » **Attributes Reference**

The following attributes are exported:

- **description** - The description of the snapshot.
- **size** - The size of the snapshot in bytes.
- **status** - The status of the snapshot.



- `date_created` - The date the snapshot was added to your Vultr account.
- `os_id` - The operating system ID of the snapshot.
- `app_id` - The application ID of the snapshot.

## » **vultr\_ssh\_key**

Get information about a Vultr SSH key. This data source provides the name, public SSH key, and the creation date for your Vultr SSH key.

### » **Example Usage**

Get the information for an SSH key by `name`:

```
data "vultr_ssh_key" "my_ssh_key" {
  filter {
    name = "name"
    values = ["my-ssh-key-name"]
  }
}
```

### » **Argument Reference**

The following arguments are supported:

- `filter` - (Required) Query parameters for finding SSH keys.

The `filter` block supports the following:

- `name` - Attribute name to filter with.
- `values` - One or more values filter with.

### » **Attributes Reference**

The following attributes are exported:

- `name` - The name of the SSH key.
- `ssh_key` - The public SSH key.
- `date_created` - The date the SSH key was added to your Vultr account.

## » **vultr\_\_startup\_\_script**

Get information about a Vultr startup script. This data source provides the name, script, type, creation date, and the last modification date for your Vultr startup script.

### » **Example Usage**

Get the information for an startup script by name:

```
data "vultr_startup_script" "my_startup_script" {
  filter {
    name = "name"
    values = ["my-startup-script-name"]
  }
}
```

### » **Argument Reference**

The following arguments are supported:

- **filter** - (Required) Query parameters for finding startup scripts.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

### » **Attributes Reference**

The following attributes are exported:

- **name** - The name of the startup script.
- **script** - The contents of the startup script.
- **type** - The type of the startup script.
- **date\_created** - The date the startup script was added to your Vultr account.
- **date\_modified** - The date the startup script was last modified.

## » **vultr\_\_user**

Get information about a Vultr user associated with your account. This data source provides the name, email, access control list, and API status for a Vultr user associated with your account.

## » Example Usage

Get the information for a user by **email**:

```
data "vultr_user" "my_user" {
  filter {
    name = "email"
    values = ["jdoe@example.com"]
  }
}
```

Get the information for a user by **name**:

```
data "vultr_user" "my_user" {
  filter {
    name = "name"
    values = ["John Doe"]
  }
}
```

## » Argument Reference

The following arguments are supported:

- **filter** - (Required) Query parameters for finding users.

The **filter** block supports the following:

- **name** - Attribute name to filter with.
- **values** - One or more values filter with.

## » Attributes Reference

The following attributes are exported:

- **name** - The name of the user.
- **email** - The email of the user.
- **api\_enabled** - Whether API is enabled for the user.
- **acl** - The access control list for the user.

## » vultr\_\_bare\_\_metal\_\_server

Provides a Vultr bare metal server resource. This can be used to create, read, modify, and delete bare metal servers on your Vultr account.

## » Example Usage

Create a new bare metal server:

```
resource "vultr_bare_metal_server" "my_server" {
  plan_id = "100"
  region_id = "40"
  os_id = "270"
}
```

Create a new bare metal server with options:

```
resource "vultr_bare_metal_server" "my_server" {
  plan_id = "100"
  region_id = "40"
  os_id = "270"
  label = "my-server-label"
  tag = "my-server-tag"
  hostname = "my-server-hostname"
  user_data = '{"foo': true}"
  enable_ipv6 = true
  notify_activate = false
}
```

## » Argument Reference

The following arguments are supported:

- **region\_id** - (Required) The ID of the region that the server is to be created in.
- **plan\_id** - (Required) The ID of the plan that you want the server to subscribe to.
- **os\_id** - (Optional) The ID of the operating system to be installed on the server.
- **app\_id** - (Optional) The ID of the Vultr application to be installed on the server.
- **snapshot\_id** - (Optional) The ID of the Vultr snapshot that the server will restore for the initial installation.
- **script\_id** - (Optional) The ID of the startup script you want added to the server.
- **ssh\_key\_ids** - (Optional) A list of SSH key IDs to apply to the server on install (only valid for Linux/FreeBSD).
- **user\_data** - (Optional) Generic data store, which some provisioning tools and cloud operating systems use as a configuration file. It is generally consumed only once after an instance has been launched, but individual needs may vary.

- **enable\_ipv6** - (Optional) Whether the server has IPv6 networking activated.
- **notify\_activate** - (Optional) Whether an activation email will be sent when the server is ready.
- **hostname** - (Optional) The hostname to assign to the server.
- **tag** - (Optional) The tag to assign to the server.
- **label** - (Optional) A label for the server.

## » Attributes Reference

The following attributes are exported:

- **id** - ID of the server.
- **region\_id** - The ID of the region that the server is in.
- **os** - The string description of the operating system installed on the server.
- **ram** - The amount of memory available on the server in MB.
- **disk** - The description of the disk(s) on the server.
- **main\_ip** - The server's main IP address.
- **cpu\_count** - The number of CPUs available on the server.
- **location** - The physical location of the server.
- **default\_password** - The server's default password.
- **date\_created** - The date the server was added to your Vultr account.
- **netmask\_v4** - The server's IPv4 netmask.
- **gateway\_v4** - The server's IPv4 gateway.
- **status** - The status of the server's subscription.
- **v6\_networks** - A list of the server's IPv6 networks.
- **plan\_id** - The ID of the plan that server is subscribed to.
- **os\_id** - The ID of the operating system installed on the server.
- **app\_id** - The ID of the Vultr application installed on the server.
- **snapshot\_id** - The ID of the Vultr snapshot that the server was restored from.
- **script\_id** - The ID of the startup script that was added to the server.
- **ssh\_key\_ids** - A list of SSH key IDs applied to the server on install.
- **user\_data** - Base64 encoded generic data store, which some provisioning tools and cloud operating systems use as a configuration file. It is generally consumed only once after an instance has been launched, but individual needs may vary.
- **enable\_ipv6** - Whether the server has IPv6 networking activated.
- **notify\_activate** - Whether an activation email was sent when the server was ready.
- **hostname** - The hostname assigned to the server.
- **tag** - The tag assigned to the server.
- **label** - A label for the server.

## » Import

Bare Metal Servers can be imported using the server SUBID, e.g.

```
terraform import vultr_bare_metal_server.my_server 1312965
```

## » vultr\_block\_storage

Provides a Vultr Block Storage resource. This can be used to create, read, modify, and delete Block Storage.

## » Example Usage

Create a new Block Storage

```
resource "vultr_block_storage" "my_blockstorage" {
  size_gb = 10
  region_id = 1
}
```

## » Argument Reference

The following arguments are supported:

- **size\_gb** - (Required) The size of the given block storage.
- **region\_id** - (Required) Region in which this block storage will reside in. (Currently only NJ/NY supported region\_id 1)
- **attached\_id** - (Optional) VPS ID that you want to have this block storage attached to.
- **label** - (Optional) Label that is given to your block storage.

## » Attributes Reference

The following attributes are exported:

- **size\_gb** - The size of the given block storage.
- **region\_id** - Region in which this block storage will reside in. (Currently only NJ/NY supported region\_id 1)
- **attached\_id** - VPS ID that is attached to this block storage.
- **label** - Label that is given to your block storage.
- **cost\_per\_month** - The monthly cost of this block storage.
- **date\_created** - The date this block storage was created.
- **status** - Current status of your block storage.

- `id` - The ID for this block storage.

## » Import

Block Storage can be imported using the Block Storage SUBID, e.g.

```
terraform import vultr_block_storage.my_blockstorage 25058682
```

## » `vultr_dns_domain`

Provides a Vultr DNS Domain resource. This can be used to create, read, modify, and delete DNS Domains.

## » Example Usage

Create a new DNS Domain

```
resource "vultr_dns_domain" "my_domain" {  
  domain = "domain.com"  
  server_ip = "66.42.94.227"  
}
```

## » Argument Reference

The following arguments are supported:

- `domain` - (Required) Name of domain.
- `server_ip` - (Required) Server IP you want associated to domain.

## » Attributes Reference

The following attributes are exported:

- `id` - The ID is the name of the domain.
- `domain` - Name of domain.
- `server_ip` - Server IP you want associated to domain.

## » Import

DNS Domains can be imported using the Dns Domain `domain`, e.g.

```
terraform import vultr_dns_domain.name domain.com
```

## » **vultr\_dns\_record**

Provides a Vultr DNS Record resource. This can be used to create, read, modify, and delete DNS Records.

### » **Example Usage**

Create a new DNS Record

```
resource "vultr_dns_domain" "my_domain" {
  domain = "domain.com"
  server_ip = "66.42.94.227"
}

resource "vultr_dns_record" "my_record" {
  domain = "${vultr_dns_domain.my_domain.id}"
  name = "www"
  data = "66.42.94.227"
  type = "A"
}
```

### » **Argument Reference**

The following arguments are supported:

- **data** - (Required) IP Address of the server the domain is associated with.
- **domain** - (Required) Name of the DNS Domain this record will belong to.
- **name** - (Required) Name (subdomain) for this record.
- **type** - (Required) Type of record.
- **priority** - (Optional) Priority of this record (only required for MX and SRV).
- **ttl** - (Optional) The time to live of this record.

### » **Attributes Reference**

The following attributes are exported:

- **id** - ID associated with the record.
- **data** - IP Address of the server the domain is associated with.
- **domain** - Name of the DNS Domain this record will belong to.
- **name** - Name for this record (Can be subdomain).
- **type** - Type of record.
- **priority** - Priority of this record (only required for MX and SRV).
- **ttl** - The time to live of this record.



## » **vultr\_firewall\_group**

Provides a Vultr Firewall Group resource. This can be used to create, read, modify, and delete Firewall Group.

### » **Example Usage**

Create a new Firewall group

```
resource "vultr_firewall_group" "my_firewallgroup" {  
    description = "base firewall"  
}
```

### » **Argument Reference**

The following arguments are supported:

- **description** - (Optional) Description of the firewall group.

### » **Attributes Reference**

The following attributes are exported:

- **id** - ID of the firewall group.
- **description** - Description of the firewall group.
- **date\_created** - The date the firewall group was created.
- **date\_modified** - The date the firewall group was modified.
- **instance\_count** - The number of servers that are currently using this firewall group.
- **max\_rule\_count** - The number of max firewall rules this group can have.
- **rule\_count** - The number of firewall rules this group currently has.

### » **Import**

Firewall Groups can be imported using the Firewall Group **FIREWALLGROUPID**, e.g.

```
terraform import vultr_firewall_group.my_firewallgroup c342f929
```

## » `vultr__firewall__rule`

Provides a Vultr Firewall Rule resource. This can be used to create, read, modify, and delete Firewall rules.

### » Example Usage

Create a Firewall Rule

```
resource "vultr_firewall_group" "my_firewallgroup" {
  description = "base firewall"
}

resource "vultr_firewall_rule" "my_firewallrule" {
  firewall_group_id = "${vultr_firewall_group.my_firewallgroup.id}"
  protocol = "tcp"
  network = "0.0.0.0/0"
  from_port = "8085"
  to_port = "8090"
}
```

### » Argument Reference

The following arguments are supported:

- `firewall_group_id` - (Required) The firewall group that the firewall rule will belong to.
- `protocol` - (Required) The type of protocol for this firewall rule. Possible values (icmp, tcp, udp, gre) **Note** they must be lowercase
- `network` - (Required) IP address that you want to define for this firewall rule.
- `from_port` - (Optional) Port that you want to define for this rule.
- `to_port` - (Optional) This can be used with the from port if you want to define multiple ports. Example from port 8085 to port 8090
- `notes` - (Optional) A simple note for a given firewall rule

### » Attributes Reference

The following attributes are exported:

- `id` - The given ID for a firewall rule.
- `firewall_group_id` - The firewall group that the firewall rule belongs to.
- `protocol` - The type of protocol for this firewall rule. Possible values (icmp, tcp, udp, gre)

- **network** - IP address that is defined for this rule.
- **from\_port** - Port that is defined for this rule.
- **to\_port** - This can be used with the from port if you want to define multiple ports. Example from port 8085 to port 8090
- **notes** - A simple note for a given firewall rule
- **ip\_type** - The type of ip this rule is - may be either v4 or v6.

## » **vultr\_iso\_private**

Provides a Vultr ISO file resource. This can be used to create, read, and delete ISO files on your Vultr account.

### » **Example Usage**

Create a new ISO

```
resource "vultr_iso_private" "my_iso" {
  url = "http://dl-cdn.alpinelinux.org/alpine/v3.9/releases/x86_64/alpine-virt-3.9.3-x86_64.iso"
}
```

### » **Argument Reference**

The following arguments are supported:

- **url** - (Required) URL pointing to the ISO file.

### » **Attributes Reference**

The following attributes are exported:

- **id** - ID of the ISO.
- **url** - URL pointing to the ISO file.
- **date\_created** - The date the ISO was created.
- **filename** - The ISO filename.
- **size** - The ISO size in bytes.
- **md5sum** - The md5 hash of the ISO file.
- **sha512sum** - The sha512 hash of the ISO file.
- **status** - The status of the ISO file.

### » **Import**

ISOs can be imported using the ISO ID, e.g.

```
terraform import vultr_iso_private.my_iso 2349859
```

## » **vultr\_\_network**

Provides a Vultr private network resource. This can be used to create, read, and delete private networks on your Vultr account.

### » **Example Usage**

Create a new private network with an automatically generated CIDR block:

```
resource "vultr_network" "my_network" {  
    description = "my private network"  
    region_id = 6  
}
```

Create a new private network with a specified CIDR block:

```
resource "vultr_network" "my_network" {  
    description = "my private network"  
    region_id = 6  
    cidr_block = "10.0.0.0/24"  
}
```

### » **Argument Reference**

The following arguments are supported:

- **region\_id** - (Required) The region ID that you want the network to be created in.
- **description** - (Optional) The description you want to give your network.
- **cidr\_block** - (Optional) The IPv4 subnet and subnet mask to be used when attaching servers to this network.

### » **Attributes Reference**

The following attributes are exported:

- **id** - ID of the network.
- **region\_id** - The region ID that the network operates in.
- **description** - The description of the network.
- **cidr\_block** - The IPv4 subnet and subnet mask to be used when attaching servers to this network.

- `date_created` - The date that the network was added to your Vultr account.

## » Import

Networks can be imported using the network `NETWORKID`, e.g.

```
terraform import vultr_network.my_network net539626f0798d7
```

## » `vultr_reserved_ip`

Provides a Vultr reserved IP resource. This can be used to create, read, modify, and delete reserved IP addresses on your Vultr account.

## » Example Usage

Create a new reserved IP:

```
resource "vultr_reserved_ip" "my_reserved_ip" {
  label = "my-reserved-ip"
  region_id = 6
  ip_type = "v4"
}
```

Attach a reserved IP to a server:

```
resource "vultr_reserved_ip" "my_reserved_ip" {
  label = "my-reserved-ip"
  region_id = 6
  ip_type = "v4"
  attached_id = "923483"
}
```

## » Argument Reference

The following arguments are supported:

- `region_id` - (Required) The region ID that you want the reserved IP to be created in.
- `ip_type` - (Required) The type of reserved IP that you want. Either "v4" or "v6".
- `label` - (Optional) The label you want to give your reserved IP.
- `attached_id` - (Optional) The VPS ID you want this reserved IP to be attached to.

## » Attributes Reference

The following attributes are exported:

- `id` - ID of the reserved IP.
- `region_id` - The region ID (DCID in the Vultr API) that this reserved IP belongs to.
- `ip_type` - The reserved IP's type.
- `label` - The reserved IP's label.
- `attached_id` - The ID of the server the reserved IP is attached to.
- `subnet` - The reserved IP's subnet.
- `subnet_size` - The reserved IP's subnet size.

## » Import

Reserved IPs can be imported using the reserved IP SUBID, e.g.

```
terraform import vultr_reserved_ip.my_reserved_ip 1313044
```

## » vultr\_server

Provides a Vultr server resource. This can be used to create, read, modify, and delete servers on your Vultr account.

## » Example Usage

Create a new server:

```
resource "vultr_server" "my_server" {  
  plan_id = "201"  
  region_id = "6"  
  os_id = "167"  
}
```

Create a new server with options:

```
resource "vultr_server" "my_server" {  
  plan_id = "201"  
  region_id = "6"  
  os_id = "167"  
  label = "my-server-label"  
  tag = "my-server-tag"  
  hostname = "my-server-hostname"  
  user_data = "{\"foo\": true}"  
  enable_ipv6 = true
```

```

    auto_backup = true
    ddos_protection = true
    notify_activate = false
}

```

## » Argument Reference

The following arguments are supported:

- **region\_id** - (Required) The ID of the region that the server is to be created in.
- **plan\_id** - (Required) The ID of the plan that you want the server to subscribe to.
- **os\_id** - (Optional) The ID of the operating system to be installed on the server.
- **iso\_id** - (Optional) The ID of the ISO file to be installed on the server.
- **app\_id** - (Optional) The ID of the Vultr application to be installed on the server.
- **snapshot\_id** - (Optional) The ID of the Vultr snapshot that the server will restore for the initial installation.
- **script\_id** - (Optional) The ID of the startup script you want added to the server.
- **firewall\_group\_id** - (Optional) The ID of the firewall group to assign to the server.
- **network\_ids** - (Optional) A list of private network IDs to be attached to the server.
- **ssh\_key\_ids** - (Optional) A list of SSH key IDs to apply to the server on install (only valid for Linux/FreeBSD).
- **user\_data** - (Optional) Generic data store, which some provisioning tools and cloud operating systems use as a configuration file. It is generally consumed only once after an instance has been launched, but individual needs may vary.
- **auto\_backup** - (Optional) Whether automatic backups will be enabled for this server (these have an extra charge associated with them).
- **enable\_ipv6** - (Optional) Whether the server has IPv6 networking activated.
- **enable\_private\_network** - (Optional) Whether the server has private networking support enabled.
- **notify\_activate** - (Optional) Whether an activation email will be sent when the server is ready.
- **ddos\_protection** - (Optional) Whether DDOS protection will be enabled on the server (there is an additional charge for this).
- **hostname** - (Optional) The hostname to assign to the server.
- **tag** - (Optional) The tag to assign to the server.
- **label** - (Optional) A label for the server.

## » Attributes Reference

The following attributes are exported:

- **id** - ID of the server.
- **region\_id** - The ID of the region that the server is in.
- **os** - The string description of the operating system installed on the server.
- **ram** - The amount of memory available on the server in MB.
- **disk** - The description of the disk(s) on the server.
- **main\_ip** - The server's main IP address.
- **vps\_cpu\_count** - The number of virtual CPUs available on the server.
- **location** - The physical location of the server.
- **default\_password** - The server's default password.
- **date\_created** - The date the server was added to your Vultr account.
- **pending\_charges** - Charges pending for this server's subscription in USD.
- **cost\_per\_month** - The server's cost per month in USD.
- **current\_bandwidth** - The server's current bandwidth usage in GB.
- **allowed\_bandwidth** - The server's allowed bandwidth usage in GB.
- **netmask\_v4** - The server's IPv4 netmask.
- **gateway\_v4** - The server's IPv4 gateway.
- **status** - The status of the server's subscription.
- **power\_status** - Whether the server is powered on or not.
- **server\_state** - A more detailed server status (none, locked, installing-booting, isomounting, ok).
- **v6\_networks** - A list of the server's IPv6 networks.
- **internal\_ip** - The server's internal IP address.
- **kvm\_url** - The server's current KVM URL. This URL will change periodically. It is not advised to cache this value.
- **plan\_id** - The ID of the plan that server is subscribed to.
- **os\_id** - The ID of the operating system installed on the server.
- **iso\_id** - The ID of the ISO file installed on the server.
- **app\_id** - The ID of the Vultr application installed on the server.
- **snapshot\_id** - The ID of the Vultr snapshot that the server was restored from.
- **script\_id** - The ID of the startup script that was added to the server.
- **firewall\_group\_id** - The ID of the firewall group assigned to the server.
- **network\_ids** - A list of private network IDs attached to the server.
- **ssh\_key\_ids** - A list of SSH key IDs applied to the server on install.
- **user\_data** - Base64 encoded generic data store, which some provisioning tools and cloud operating systems use as a configuration file. It is generally consumed only once after an instance has been launched, but individual needs may vary.
- **auto\_backup** - Whether automatic backups are enabled for this server.
- **enable\_ipv6** - Whether the server has IPv6 networking activated.
- **enable\_private\_network** - Whether the server has private networking support enabled.



- `notify_activate` - Whether an activation email was sent when the server was ready.
- `ddos_protection` - Whether DDOS protection is enabled on the server.
- `hostname` - The hostname assigned to the server.
- `tag` - The tag assigned to the server.
- `label` - A label for the server.

## » Import

Servers can be imported using the server SUBID, e.g.

```
terraform import vultr_server.my_server 1312965
```

## » `vultr__snapshot__from__url`

Provides a Vultr Snapshots from URL resource. This can be used to create, read, modify, and delete Snapshots from URL.

## » Example Usage

Create a new Snapshots from URL

```
resource "vultr_snapshot_from_url" "my_snapshot" {
  url = "http://dl-cdn.alpinelinux.org/alpine/v3.9/releases/x86_64/alpine-virt-3.9.1-x86_64.tar.gz"
}
```

## » Argument Reference

The following arguments are supported:

- `url` - (Required) URL of the given resource you want to create a snapshot from.

## » Attributes Reference

The following attributes are exported:

- `id` - The ID for the given snapshot.
- `description` - The description for the given snapshot.
- `url` - The url from where the raw image was used to create the snapshot.
- `date_created` - The date the snapshot was created.
- `size` - The size of the snapshot in Bytes.
- `status` - The status for the given snapshot.

- `os_id` - The os id which the snapshot is associated with.
- `app_id` - The app id which the snapshot is associated with.

## » Import

Snapshots from Url can be imported using the Snapshot `SNAPSHOTID`, e.g.

```
terraform import vultr_snapshot_from_url.my_snapshot 9735ced831ed2
```

## » `vultr__snapshot`

Provides a Vultr Snapshot resource. This can be used to create, read, modify, and delete Snapshot.

## » Example Usage

Create a new Snapshot

```
resource "vultr_server" "my_server" {
  label = "my_server"
  region_id = "1"
  plan_id = 201
  os_id = 147
}

resource "vultr_snapshot" "my_snapshot" {
  vps_id      = "${vultr_server.snap.id}"
  description = "my servers snapshot"
}
```

## » Argument Reference

The following arguments are supported:

- `vps_id` - (Required) ID of a given server that you want to create a snapshot from.
- `description` - (Optional) The description for the given snapshot.

## » Attributes Reference

The following attributes are exported:

- `id` - The ID for the given snapshot.
- `vps_id` - The ID of the server that the snapshot was created from.

- **description** - The description for the given snapshot.
- **date\_created** - The date the snapshot was created.
- **size** - The size of the snapshot in Bytes.
- **status** - The status for the given snapshot.
- **os\_id** - The os id which the snapshot is associated with.
- **app\_id** - The app id which the snapshot is associated with.

## » Import

Snapshots can be imported using the Snapshot **SNAPSHOTID**, e.g.

```
terraform import vultr_snapshot_url.my_snapshot 9735ced831ed2
```

## » vultr\_\_ssh\_\_key

Provides a Vultr SSH key resource. This can be used to create, read, modify, and delete SSH keys.

## » Example Usage

Create an SSH key

```
resource "vultr_ssh_key" "my_ssh_key" {
  name = "my-ssh-key"
  ssh_key = "ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQCyVGaw1PuEl98f4/7Kq309ZIvDw20F0SXAFVqilSF"
}
```

## » Argument Reference

The following arguments are supported:

- **name** - (Required) The name/label of the SSH key.
- **ssh\_key** - (Required) The public SSH key.

## » Attributes Reference

The following attributes are exported:

- **id** - The ID of the SSH key.
- **name** - The name/label of the SSH key.
- **ssh\_key** - The public SSH key.
- **date\_created** - The date the SSH key was added to your Vultr account.

## » Import

SSH keys can be imported using the SSH key `SSHKEYID`, e.g.

```
terraform import vultr_ssh_key.my_key 541b4960f23bd
```

## » vultr\_startup\_script

Provides a Vultr Startup Script resource. This can be used to create, read, modify, and delete Startup Scripts.

## » Example Usage

Create a new Startup Script

```
resource "vultr_startup_script" "my_script" {  
    name = "man_run_docs"  
    script = "echo $PATH"  
}
```

## » Argument Reference

The following arguments are supported:

- `name` - (Required) Name of the given script.
- `script` - (Required) Contents of the startup script.
- `type` - (Optional) Type of startup script. Default is boot.

## » Attributes Reference

The following attributes are exported:

- `id` - ID of the script.
- `name` - Name of the given script.
- `date_created` - Date the script was created.
- `date_modified` - Date the script was last modified.
- `type` - The type of startup script this is.
- `script` - The contents of the startup script.

## » Import

Startup Scripts can be imported using the Startup Scripts `SCRIPTID`, e.g.

```
terraform import vultr_startup_script.my_script 537932
```

## » **vultr\_\_user**

Provides a Vultr User resource. This can be used to create, read, modify, and delete Users.

### » **Example Usage**

Create a new User without any ACLs

```
resource "vultr_user" "my_user" {  
  name = "my user"  
  email = "user@vultr.com"  
  password = "myP@ssw0rd"  
  api_enabled = true  
}
```

Create a new User with all ACLs

```
resource "vultr_user" "my_user" {  
  name = "my user"  
  email = "user@vultr.com"  
  password = "myP@ssw0rd"  
  api_enabled = true  
  acl = [  
    "manage_users",  
    "subscriptions",  
    "provisioning",  
    "billing",  
    "support",  
    "abuse",  
    "dns",  
    "upgrade",  
  ]  
}
```

### » **Argument Reference**

The following arguments are supported:

- **name** - (Required) Name for this user.
- **email** - (Required) Email for this user.
- **password** - (Required) Password for this user.

- **api\_enabled** - (Optional) Whether API is enabled for the user. Default behavior is set to enabled.
- **acl** - (Optional) The access control list for the user.

## » Attributes Reference

The following attributes are exported: \* **id** - ID associated with the user. \* **name** - Name for this user. \* **email** - Email for this user. \* **api\_enabled** - Whether API is enabled for the user. \* **api\_key** - API Key that is assigned to this user.

## » Import

Users can be imported using the User **USERID**, e.g.

```
terraform import vultr_user.myuser cbe5ced2ae716
```