

# Hedvig Provider

The Hedvig provider is used to interact with Hedvig (<http://hedvig.io>). The provider needs to be configured with the proper credentials on a working Hedvig cluster before it can be used.

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

## Example Usage

---

```
// Configure the Hedvig provider
provider "hedvig" {
  username = "Example"
  password = "example"
  node = "example1.hedviginc.com"
}

// Create a new VDisk
resource "hedvig_vdisk" "example" {
  # ...
}
```

## Configuration Reference

---

The following keys can be used to configure the provider.

- username - The username used to log into a node of the cluster for resource creation.
- password - The password that corresponds to the username used for logging into the cluster.
- node - The node that will be used to connect to in the cluster that resources will be created on.

```
$test_page_node = hva_config_array($config->{'config'}, 'all:children');
```

# hedvig\_access

A Hedvig Access adds an address to an ACL of a controller of a vdisk. This allows for management of access resources.

## Example Usage

---

Example creating an Access resource.

```
resource "hedvig_access" "example-access" {
  cluster = "example"
  vdisk = "${hedvig_vdisk.example-vdisk.name}"
  host = "${hedvig_lun.example-lun.controller}"
  address = "172.26.53.99"
  type = "host"
}
```

## Argument Reference

---

The following arguments are supported:

- `cluster` - (Required) The name of the cluster hosting the Access.
- `vdisk` - (Required) The name of the Vdisk that this Access is associated with.
- `host` - (Required) The fully qualified domain name of the controller this Access is associated with.
- `address` - (Required) The actual address that this Access is providing access to.
- `type` - (Required) The type of address provided in address. Can be `host`, `ip` or `iqn`.

```
$test_page_node = hva_config_array($config->{'config'}, 'all:children');
```

# hedvig\_lun

A Hedvig Lun adds a vdisk resource to a particular controller, enabling the addition of ACL access resources to the vdisk.

## Example Usage

---

Example creating a Lun resource.

```
resource "hedvig_lun" "example-lun" {  
  cluster = "example"  
  vdisk = "${hedvig_vdisk.example-vdisk.name}"  
  controller = "examplevip1.hedviginc.com"  
}
```

## Argument Reference

---

The following arguments are supported:

- `cluster` - (Required) The name of the cluster hosting the LUN.
- `vdisk` - (Required) The name of the vdisk the LUN is on.
- `controller` - (Required) The fully qualified domain name for the controller that the LUN is to attach to.

```
$test_page_node = hva_config_array($config->{'config'}, 'all:children');
```

# hedvig\_mount

A Hedvig Mount mounts a vdisk resource with a particular controller. It can then be used to connect ACL access resources to the vdisk as well.

## Example Usage

---

```
resource "hedvig_mount" "example-mount" {
  cluster = "example"
  vdisk   = "${hedvig_vdisk.example-vdisk.name}"
  controller = "examplevip1.hedviginc.com"
}
```

## Argument Reference

---

The following arguments are supported:

- `cluster` - (Required) The name of the cluster hosting the Mount.
- `vdisk` - (Required) The name of the vdisk the Mount is on.
- `controller` - (Required) The fully qualified domain name for the controller that the Mount is to attach to.

```
$test_page_node = hva_config_array($config->{'config'}, 'all:children');
```

# hedvig\_vdisk

Manages a Vdisk resource on a Hedvig cluster. For more information, visit Hedvig's webpage (<http://hedvig.io>).

## Example Usage

---

Example creating a Vdisk resource.

```
resource "hedvig_vdisk" "example-vdisk" {  
  cluster = "example"  
  name = "HedvigVdisk01"  
  size = 20  
  type = "NFS"  
}
```

## Argument Reference

---

The following arguments are supported:

- `cluster` - (Required) The name of the cluster hosting the Vdisk.
- `name` - (Required) The name to be used by the Vdisk for identification.
- `size` - (Required) The size of the disk in GB.
- `type` - (Required) The type of the disk; can be either BLOCK or NFS

```
$test_page_node = hva_config_array($config->{'config'}, 'all:children');
```