» profitbricks_datacenter

Manages a Virtual Data Center on ProfitBricks

» Example Usage

```
resource "profitbricks_datacenter" "example" {
  name        = "datacenter name"
  location    = "us/las"
  description = "datacenter description"
}
```

» Argument Reference

The following arguments are supported:

- `name` - (Required)[string] The name of the Virtual Data Center.
- `location` - (Required)[string] The physical location where the data center will be created.
- `description` - (Optional)[string] Description for the data center.

» profitbricks_firewall

Manages a Firewall Rules on ProfitBricks

» Example Usage

```
resource "profitbricks_firewall" "example" {
  datacenter_id    = "${profitbricks_datacenter.example.id}"
  server_id        = "${profitbricks_server.example.id}"
  nic_id           = "${profitbricks_server.example.primary_nic}"
  protocol         = "TCP"
  name             = "test"
  port_range_start = 1
  port_range_end   = 2
}
```

» Argument reference

- `datacenter_id` - (Required)[string]
- `server_id` - (Required)[string]

- `nic_id` - (Required)[string]
- `protocol` - (Required)[string] The protocol for the rule: TCP, UDP, ICMP, ANY.
- `name` - (Optional)[string] The name of the firewall rule.
- `source_mac` - (Optional)[string] Only traffic originating from the respective MAC address is allowed. Valid format: aa:bb:cc:dd:ee:ff.
- `source_ip` - (Optional)[string] Only traffic originating from the respective IPv4 address is allowed.
- `target_ip` - (Optional)[string] Only traffic directed to the respective IP address of the NIC is allowed.
- `port_range_start` - (Optional)[string] Defines the start range of the allowed port (from 1 to 65534) if protocol TCP or UDP is chosen.
- `port_range_end` - (Optional)[string] Defines the end range of the allowed port (from 1 to 65534) if the protocol TCP or UDP is chosen.
- `icmp_type` - (Optional)[string] Defines the allowed type (from 0 to 254) if the protocol ICMP is chosen.
- `icmp_code` - (Optional)[string] Defines the allowed code (from 0 to 254) if protocol ICMP is chosen.

» profitbricks_group

Manages groups and group priviliages on ProfitBricks

» Example Usage

```
resource "profitbricks_group" "group" {
  name = "my group"
  create_datacenter = true
  create_snapshot = true
  reserve_ip = true
  access_activity_log = false
  user_id="user_id"
}
```

» Argument reference

- `access_activity_log` - (Required) [Boolean] The group will be allowed to access the activity log.
- `create_datacenter` - (Optional) [Boolean] The group will be allowed to create virtual data centers.
- `create_snapshot` - (Optional) [Boolean] The group will be allowed to create snapshots.

- `name` - (Optional) [string] A name for the group.
- `reserve_ip` - (Optional) [Boolean] The group will be allowed to reserve IP addresses.
- `user_id` - (Optional) [string] The ID of the specific user to add to the group.

» profitbricks_ipblock

Manages a IP Blocks on ProfitBricks

» Example Usage

```
resource "profitbricks_ipblock" "example" {
  location = "${profitbricks_datacenter.example.location}"
  size     = 1
}
```

» Argument reference

- `location` - (Required)
- `size` - (Required)
- `ips` - (Computed) IPs associated with this block

» profitbricks_ipfailover

Manages Ip Failover groups on ProfitBricks

» Example Usage

```
resource "profitbricks_ipfailover" "failovertest" {
  datacenter_id = "datacenterId"
  lan_id="lanId"
  ip ="reserved IP"
  nicuuid= "nicId"
}
```

» Argument reference

- `datacenter_id` - (Required) [string] The ID of a virtual data center.
- `ip` - (Required) [string] The Reserved IP address to be used in the failover group.
- `lan_id` - (Required) [string] The ID of a LAN.
- `nicuuid` - (Required) [string] The ID of a NIC.

» profitbricks_lan

Manages a LANs on ProfitBricks

» Example Usage

```
resource "profitbricks_lan" "example" {
  datacenter_id = "${profitbricks_datacenter.example.id}"
  public        = true
}
```

» Argument reference

- `datacenter_id` - (Required) [string]
- `name` - (Optional) [string] The name of the LAN
- `public` - (Optional) [Boolean] indicating if the LAN faces the public Internet or not.

» profitbricks_loadbalancer

Manages a Load Balancers on ProfitBricks

» Example Usage

```
resource "profitbricks_loadbalancer" "example" {
  datacenter_id = "${profitbricks_datacenter.example.id}"
  nic_ids        = ["${profitbricks_nic.example.id}"]
  name          = "load balancer name"
  dhcp          = true
}
```

» Argument reference

- `name` - (Required) the name of the loadbalancer
- `datacenter_id` - (Required)[string]
- `nic_ids` - (Required)[list]
- `dhcp` - (Optional) [boolean] Indicates if the load balancer will reserve an IP using DHCP.
- `ip` - (Optional) [string] IPv4 address of the load balancer.

» profitbricks_nic

Manages a NICs on ProfitBricks

» Example Usage

```
resource "profitbricks_nic" "example" {
  datacenter_id = "${profitbricks_datacenter.example.id}"
  server_id     = "${profitbricks_server.example.id}"
  lan           = 2
  dhcp          = true
  ip            = "${profitbricks_ipblock.example.ip}"
}
```

» Argument reference

- `datacenter_id` - (Required)[string][1]
- `server_id` - (Required)[string][1]
- `lan` - (Required) [integer] The LAN ID the NIC will sit on.
- `name` - (Optional) [string] The name of the LAN.
- `dhcp` - (Optional) [boolean]
- `ip` - (Optional) [string] IP assigned to the NIC.
- `firewall_active` - (Optional) [boolean] If this resource is set to true and is nested under a server resource firewall, with open SSH port, resource must be nested under the nic.
- `nat` - (Optional) [boolean] Boolean value indicating if the private IP address has outbound access to the public internet.
- `ips` - (Computed) the IPs assigned to the NIC

» profitbricks_server

Manages a Servers on ProfitBricks

» Example Usage

This resource will create an operational server. After this section completes, the provisioner can be called.

```
resource "profitbricks_server" "example" {
  name              = "server"
  datacenter_id     = "${profitbricks_datacenter.example.id}"
  cores             = 1
  ram               = 1024
  availability_zone = "ZONE_1"
  cpu_family        = "AMD_OPTERON"

  volume {
    name           = "new"
    image_name     = "${var.ubuntu}"
    size           = 5
    disk_type      = "SSD"
    ssh_key_path   = "${var.private_key_path}"
    image_password = "test1234"
  }

  nic {
    lan             = "${profitbricks_lan.example.id}"
    dhcp            = true
    ip              = "${profitbricks_ipblock.example.ip}"
    firewall_active = true

    firewall {
      protocol         = "TCP"
      name             = "SSH"
      port_range_start = 22
      port_range_end   = 22
    }
  }
}
```

» Argument reference

- `name` - (Required) [string] The name of the server.
- `datacenter_id` - (Required)[string]
- `cores` - (Required)[integer] Number of server cores.
- `ram` - (Required)[integer] The amount of memory for the server in MB.
- `availability_zone` - (Optional)[string] The availability zone in which the server should exist.

- `licence_type` - (Optional)[string] Sets the OS type of the server.
- `cpu_family` - (Optional)[string] Sets the CPU type. "AMD_OPTERON" or "INTEL_XEON". Defaults to "AMD_OPTERON".
- `volume` - (Required) See Volume section.
- `nic` - (Required) See NIC section.
- `firewall` - (Optional) See Firewall Rule section.
- `boot_volume` - (Computed) The associated boot volume.
- `boot_cdrom` - (Computed) The associated boot drive, if any.
- `boot_image` - (Computed) The associated boot image.
- `primary_nic` - (Computed) The associated nic.
- `primary_ip` - (Computed) The associated ip.

» profitbricks_share

Manages shares and list shares permissions granted to the group members for each shared resource.

» Example Usage

```
resource "profitbricks_share" "share" {
  group_id = "groupId"
  resource_id = "resourceId"
  edit_privilege = true
  share_privilege = false
}
```

» Argument reference

- `edit_privilege` - (Required) [Boolean] The group has permission to edit privileges on this resource.
- `group_id` - (Required) [string] The ID of the specific group containing the resource to update.
- `resource_id` - (Required) [string] The ID of the specific resource to update.
- `share_privilege` - (Required) [Boolean] The group has permission to share this resource.

» profitbricks_snapshot

Manages snapshots on ProfitBricks.

» Example Usage

```
resource "profitbricks_snapshot" "test_snapshot" {
  datacenter_id = "datacenterId"
  volume_id = "volumeId"
  name = "my snapshot"
}
```

» Argument reference

- `datacenter_id` - (Required) [Boolean] The ID of the Virtual Data Center.
- `name` - (Required) [Boolean] The name of the snapshot.
- `volume_id` - (Required) [Boolean] The ID of the specific volume to take snapshot from.

» profitbricks_user

Manages users and list users and groups associated.

» Example Usage

```
resource "profitbricks_user" "user" {
  first_name = "terraform"
  last_name = "test"
  email = "%s"
  password = "abc123-321CBA"
  administrator = false
  force_sec_auth= false
}
```

» Argument reference

- `administrator` - (Required) [Boolean] The group has permission to edit privileges on this resource.
- `email` - (Required) [string] An e-mail address for the user.
- `first_name` - (Required) [string] A name for the user.
- `force_sec_auth` - (Required) [Boolean] The group has permission to user this resource.
- `last_name` - (Required) [string] A name for the user.
- `password` - (Required) [string] A password for the user.

» profitbricks_volume

Manages a Volumes on ProfitBricks

» Example Usage

A primary volume will be created with the server. If there is a need for additional volume, this resource handles it.

```
resource "profitbricks_volume" "example" {
  datacenter_id = "${profitbricks_datacenter.example.id}"
  server_id     = "${profitbricks_server.example.id}"
  image_name    = "${var.ubuntu}"
  size          = 5
  disk_type     = "HDD"
  ssh_key_path  = "${var.private_key_path}"
  bus           = "VIRTIO"
}
```

» Argument reference

- `datacenter_id` - (Required) [string] [1]
- `server_id` - (Required)[string] [1]
- `disk_type` - (Required) [string] The volume type, HDD or SSD.
- `bus` - (Required) [boolean] The bus type of the volume.
- `size` - (Required)[integer] The size of the volume in GB.
- `ssh_key_path` - (Required)[list] List of paths to files containing a public SSH key that will be injected into ProfitBricks provided Linux images. Required if `image_password` is not provided.
- `sshkey` - (Computed) the associated public ssh key.
- `image_password` - [string] Required if `sshkey_path` is not provided.
- `image_name` - [string] The image or snapshot ID. It is required if `licence_type` is not provided.
- `licence_type` - [string] Required if `image_name` is not provided.
- `name` - (Optional) [string] The name of the volume.
- `availability_zone` - (Optional) [string] The storage availability zone assigned to the volume. AUTO, ZONE_1, ZONE_2, or ZONE_3