» brightbox_image

Use this data source to get the ID of a Brightbox Image for use in other resources.

» Example Usage

```
data "brightbox_image" "ubuntu_lts" {
    name = "^ubuntu-xenial.*server$"
    arch = "x86_64"
    official = true
    most_recent = true
}
```

» Argument Reference

- `most_recent` - (Optional) If more than one result is returned, use the most recent image based upon the `created_at` time.
- `name` - (Optional) A regex string to apply to the Image list returned by Brightbox Cloud.
- `description` - (Optional) A regex string to apply to the Image list returned by Brightbox Cloud.
- `source_type` - (Optional) Either `upload` or `snapshot`.
- `owner` - (Optional) The account id that owns the image. Matches exactly.
- `arch` - (Optional) The architecture of the image: either `x86_64` or `i686`.
- `public` - (Optional) Boolean to select a public image.
- `official` - (Optional) Boolean to select an official image.
- `compatibility_mode` - (Optional) Boolean to match the compatibility mode flag.
- `username` - (Optional) The username used to logon to the image. Matches exactly.
- `ancestor_id` - (Optional) The image id of the parent of the image you are looking for.
- `licence_name` - (Optional) The name of the licence for the image. Matches exactly.

NOTE: arguments form a conjunction. All arguments must match to select an image.

NOTE: If more or less than a single match is returned by the search, Terraform will fail. Ensure that your search is specific enough to return a single image only, or use `most_recent` to choose the most recent one.

» Attributes Reference

`id` is set to the ID of the found Image. In addition, the following attributes are exported:

- `status` - The state the image is in. Usually `available`, `deprecated` or `deleted`.
- `created_at` - The time and date the image was created/registered (UTC)
- `locked` - true if image has been set as locked and can not be deleted
- `virtual_size` - The virtual size of the disk image "container" in MB
- `disk_size` - The actual size of the data within the Image in MB

» brightbox_database_type

Use this data source to get the ID of a Brightbox Database Type for use in other resources.

» Example Usage

```
data "brightbox_database_type" "4gb" {
    name = "^SSD 4GB$"
}
```

» Argument Reference

- `name` - (Optional) A regex string to apply to the Database Type list returned by Brightbox Cloud.
- `description` - (Optional) A regex string to apply to the Database Type list returned by Brightbox Cloud.

NOTE: arguments form a conjunction. All arguments must match to select an image.

NOTE: If more or less than a single match is returned by the search, Terraform will fail. Ensure that your search is specific enough to return a single image only, or use `most_recent` to choose the most recent one.

» Attributes Reference

`id` is set to the ID of the found Database Type. In addition, the following attributes are exported:

- `disk_size` - The disk size of the database server for this type
- `ram` - The memory size of the database server for this type

» brightbox_server_group

Use this data source to get the ID of a Brightbox Server Group for use in other resources.

» Example Usage

```
data "brightbox_server_group" "defaul" {
    name = "^default$"
}
```

» Argument Reference

- `name` - (Optional) A regex string to apply to the Server Group list returned by Brightbox Cloud.
- `description` - (Optional) A regex string to apply to the Server Group list returned by Brightbox Cloud.

NOTE: arguments form a conjunction. All arguments must match to select an image.

NOTE: If more or less than a single match is returned by the search, Terraform will fail. Ensure that your search is specific enough to return a single image only, or use `most_recent` to choose the most recent one.

» Attributes Reference

The following attributes are exported:

- `id` - The ID of the Server

» brightbox_cloudip

Provides a Brightbox CloudIP resource.

» Example Usage

```
resource "brightbox_cloudip" "web-public" {
  target = "${brightbox_server.web.interface}"
  name = "web-1 public address"
}

resource "brightbox_server" "web" {
  image  = "img-testy"
  name   = "web-1"
  zone = "gb1a"
  type = "512mb.ssd"
  server_groups = [ "grp-testy" ]
}
```

» Argument Reference

The following arguments are supported:

- `target` - (Required) The CloudIP mapping target. This is the interface from a server, or the id of a load balancer or cloud sql resource
- `name` - (Optional) a label to assign to the CloudIP
- `reverse_dns` - (Optional) The reverse DNS entry for the CloudIP

» Attributes Reference

The following attributes are exported:

- `id` - The ID of the CloudIP
- `fqdn` - Fully Qualified Domain Name of the CloudIP
- `public_ip` - the public IPV4 address of the CloudIP
- `status` - Current state of the CloudIP: `mapped` or `unmapped`
- `username` - The username used to log onto the server

» Import

CloudIPs can be imported using the `id`, e.g.

```
terraform import brightbox_cloudip.mycloudip cip-vsalc
```

» brightbox_container

Provides a Brightbox Container resource. This can be used to create, modify, and delete Containers in Orbit.

» Example Usage

```
# Example Container
resource "brightbox_container" "initial" {
  name = "initial"
  description = "Initial database snapshots"
}
```

» Argument Reference

The following arguments are supported:

- `name` - (Required) A label assigned to the Container
- `description` - (Optional) A further description of the Container
- `orbit_url` - (Optional) The Orbit URL you wish to talk to. This defaults to either `https://orbit.brightbox.com/v1/` or the contents of the `BRIGHTBOX_ORBIT_URL` environment variable if set.

» Attributes Reference

The following attributes are exported:

- `auth_user` - the api client id used to access the container
- `auth_key` - the client secret used to access the container
- `account_id` - the account under which the container is stored

» brightbox_database_server

Provides a Brightbox Database Server resource. This can be used to create, modify, and delete Database Servers.

» Example Usage

```
resource "brightbox_database_server" "default" {
    name = "Default DB"
    description = "Default DB used by servers"
```

```
    database_engine = "mysql"
    database_version = "5.6"
    database_type = "${data.brightbox_database_type.4gb.id}"
    maintenance_weekday = 5
    maintenance_hour = 4
    allow_access = [
        "${brightbox_server_group.barfoo.id}",
        "${brightbox_server.foobar.id}",
        "158.152.1.65/32"
    ]
}

data "brightbox_database_type" "4gb" {
    name = "^SSD 4GB$"
}

resource "brightbox_server" "foobar" {
    name = "database access"
    image = "img-testy"
    server_groups = [ "${brightbox_server_group.barfoo.id}" ]
}

resource "brightbox_server_group" "barfoo" {
    name = "database access group"
}
```

» Argument Reference

The following arguments are supported:

- `allow_access` (Required) - A list of server group ids, server ids or IPv4 address references the database server should be accessible from. There must be at least one entry in the list
- `name` - (Optional) A label assigned to the Database Server
- `description` - (Optional) A further description of the Database Server
- `maintenance_weekday` - (Optional) Numerical index of weekday (0 is Sunday, 1 is Monday...) to set when automatic updates may be performed. Default is 0 (Sunday).
- `maintenance_hour` - (Optional) Number representing 24hr time start of maintenance window hour for x:00-x:59 (0-23). Default is 6
- `database_engine` - (Optional) Database engine to request. Default is mysql.
- `database_version` - (Optional) Database version to request. Default is 5.5.
- `database_type` - (Optional) ID of the Database Type required.

- `snapshot` (Optional) - Database snapshot id to build from
- `zone` - (Optional) The handle of the zone required (`gb1-a`, `gb1-b`)

» Attributes Reference

The following attributes are exported:

- `id` - The ID of the Database Server
- `admin_username` - The username used to log onto the database
- `admin_password` - The password used to log onto the database
- `status` - Current state of the database server, usually `active` or `deleted`
- `locked` - True if database server has been set to locked and cannot be deleted

» brightbox_firewall_policy

Provides a Brightbox Firewall Policy resource.

» Example Usage

```
resource "brightbox_server_group" "default" {
  name = "Terraform"
}

resource "brightbox_firewall_policy" "default" {
  name         = "Terraform"
  server_group = "${brightbox_server_group.default.id}"
}
```

» Argument Reference

The following arguments are supported:

- `server_group` - (Optional) The ID of the Server Group the policy will be applied to
- `name` - (Optional) A label to assign to the Firewall Policy
- `description` - (Optional) A further description of the Firewall Policy

» Attributes Reference

The following attributes are exported:

- `id` - The ID of the Firewall Policy

» brightbox_firewall_rule

Provides a Brightbox Firewall Rule resource.

» Example Usage

```
resource "brightbox_server_group" "default" {
  name = "Terraform"
}

resource "brightbox_firewall_policy" "default" {
  name         = "Terraform"
  server_group = "${brightbox_server_group.default.id}"
}

resource "brightbox_firewall_rule" "default_ssh" {
  destination_port = 22
  protocol         = "tcp"
  source           = "any"
  description      = "SSH access from anywhere"
  firewall_policy  = "${brightbox_firewall_policy.default.id}"
}
```

» Argument Reference

The following arguments are supported:

- `firewall_policy` - (Required) The ID of the firewall policy this rule belongs to
- `protocol` - (Optional) Protocol Number or one of `tcp`, `udp`, `icmp`
- `source` - (Optional) Subnet, ServerGroup or ServerID. `any`,`10.1.1.23/32` or `srv-4ktk4`
- `source_port` - (Optional) single port, multiple ports or range separated by `-` or `:`; upto 255 characters. Example - `80`, `80,443,21` or `3000-3999`
- `destination` - (Optional) Subnet, ServerGroup or ServerID. `any`,`10.1.1.23/32` or `srv-4ktk4`
- `destination_port` - (Optional) single port, multiple ports or range separated by `-` or `:`; upto 255 characters. Example - `80`, `80,443,21` or `3000-3999`
- `icmp_type_name` - (Optional) ICMP type name. `echo-request`, `echo-reply`. Only allowed if protocol is `icmp`.

- `description` - (Optional) A further description of the Firewall Rule

NOTE: Only one of `source` or `destination` can be specified

» Attributes Reference

The following attributes are exported:

- `id` - The ID of the Firewall Rule

» brightbox_load_balancer

Provides a Brightbox Load Balancer resource. This can be used to create, modify, and delete Load Balancers.

» Example Usage

```
resource "brightbox_load_balancer" "lb" {
  name = "Terraform weblayer example"

  listener {
    protocol = "https"
    in       = 443
    out      = 8080
  }

  listener {
    protocol = "http"
    in       = 80
    out      = 8080
    timeout  = 10000
  }

  listener {
    protocol = "http+ws"
    in       = 81
    out      = 81
    timeout  = 10000
  }

  healthcheck {
    type = "http"
    port = 8080
```

```
  }

  nodes = [
    "${brightbox_server.server2.id}",
    "${brightbox_server.server1.id}",
  ]

  certificate_pem = <<EOF
-----BEGIN CERTIFICATE-----
MIIDBzCCAe+gAwIBAgIJAPD+BTBqIVp6MA0GCSqGSIb3DQEBBQUAMBoxGDAWBgNV
BAMMD3d3dy5leGFtcGxlLmNvbTAeFw0xNjAzMDIxMTU0MDFaFw0yNjAyMjgxMTU0
MDFaMBoxGDAWBgNVBAMMD3d3dy5leGFtcGxlLmNvbTCCASIwDQYJKoZIhvcNAQEB
BQADggEPADCCAQoCggEBANuA/TLmuCbZdHcMKUwFadRpNnjg3S3PuP9AECDu+mIC
rOBmNqeZ66dEkzJqNMq4pEo30L9ZlZXl7fAvsIZTPYLEb0ieYGyTTdqAKrHi8GPP
ZeC+iAySKXnTKjpnciTWFv2T8R9tLsgPrsv54okM59bYC5mSnD7pL6RR/aQ0oi4f
X2eJex5fpfFlcxm9HvvVEdWq9/CQNoCOpGhLT911MRVMUl3S10BmzTG8Q87P76ji
Axt3t5piPg8JGiSBHTUJmKw/jxcwhybWHaf/217RmSmeoTo40wMCB2b05RqdSOm5
39qLotrjt2w3nFKzm423cVok3y2w55hLkDCbDlxUK1kCAwEAAaNQME4wHQYDVR0O
BBYEFCX20aoQddqjbga66nppwRlJdvB8MB8GA1UdIwQYMBaAFCX20aoQddqjbga6
6nppwRlJdvB8MAwGA1UdEwQFMAMBAf8wDQYJKoZIhvcNAQEFBQADggEBAJkFZvAL
joeAiWaEItIPr8+98OJam7Pnta29HoKu4jAHkiunzXxNTQutUMMx1WhBF8OJJX1P
pHhKEfK47W8z4PbsM/hudZfm2xXlFMfvYNAusptJxOhMKNJgJz+gjY5FaTCGD9Ao
JkcshhUgXQ9zvu2Ol390qo0zlxMvnlVacRgKGY/I6hJaktrbdXm7qcReZpO6Pw3a
adoKmzXeUlPvlbb+8KLXSD7hgUaojLDEgOLpAE++muiAAuwOP2UX3XJOPUQZdicB
sbrBMXO6F253YTqZiwAg9hgEHTHdXgqrd3TQT9P9mazrHxskqk9uWmIgN8oolHjp
OsWSdvMP2tRS8Oo=
-----END CERTIFICATE-----
EOF

  certificate_private_key = <<EOF
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEA24D9Mua4Jtl0dwwpTAVp1Gk2eODdLc+4/0AQIO76YgKs4GY2
p5nrp0STMmo0yrikSjfQv1mVleXt8C+whlM9gsRvSJ5gbJNN2oAqseLwY89l4L6I
DJIpedMqOmdyJNYW/ZPxH20uyA+uy/niiQzn1tgLmZKcPukvpFH9pDSiLh9fZ4l7
Hl+l8WVzGb0e+9UR1ar38JA2gI6kaEtP3XUxFUxSXdLXQGbNMbxDzs/vqOIDG3e3
mmI+DwkaJIEdNQmYrD+PFzCHJtYdp//bXtGZKZ6hOjjTAwIHZvTlGp1I6bnf2oui
2uO3bDecUrObjbdxWiTfLbDnmEuQMJsOXFQrWQIDAQABAoIBAHzvoC42sB48q1OP
Mno4opHqCL0oj/uhPdTa69My8oSSrT9ULkubCkw8deO+G6o/ChPMTR58qO2W36VU
H491FY+2qviUXKGv/iIdzS9O0jCdPYl8KQeusbjLfj+b3ZYl3RQb/qQ6iuQIOR+U
bWJAXD0m3wNcNV6Bb0KCAHJUGvNQjiueMMVEND1Pvb9WogFWY7yvteoxv9ASFiRv
1N2LDlm/199/Tpmb9a9vVrIuT8pZfAtmVfZ5HhwV8xU1q2qbys1j9DpZPggHnT4l
CzIw7pALbaE8/sG17h6+icl13cKLpgp63HyJFgik1v1NDnCmzckrNAiSW4lZsgzM
BV3m9hkCgYEA7qboVDv6FvwwwyILbd3aYjLjCqNjDzpvngJrOl6/cDDQR34NQPzI
3ePYO1p99xRYmQe0FJ7ZuJtOQHJOdeLEJqeo6lNMI9T+FhKnqk7Gy7ZQIOPNP2x6
tpfoa27emeDblu+AVSBIZjByS+Cpf/Mnf4/DhhofAMdT4TFyng/JbbMCgYEA63XA
tHE8BwxY/6NxR/pGlRiOAbZfjfU40/q+3O9NNGrGyDZfoYpbG9I6Wo09Rc+QDhEq
```

```
2+zk59ubO1jkgh9eIOBm6+5yHjcbwftBsxesQQdabAg34ppFYMfvKsLgDnejvYEW
pfLmMAvcmIFGWid9hX5/ShbjjkJnIKSbu/vN9MMCgYEAoFhyZw45NTJSjPkV1sal
0S7Bj0dB6lxn3DFh3EEGvRl/B1nxC8YMK9HHWfGuCtGXyZH8c5JbVIa8p95lSx2G
jzY87tvyn2yfHzN/hZUSSpL++wK2J7P6Ky6bkXtXguoqgBoBDrD3E/nfAY48NGSq
GDH+u95XEE3c1MRFb1/KBbMCgYEAo2VgqBdYR6/a5vPd/cwBRSASconDf7inifsc
j8zxT6m1bmTFMk3X8dOOqR4QYiyq1Ag3zMx1AS0VaTbDxETORlRTN/CNgshNW+zn
Z8fKwom+xu9hEMBr2sCECRGY+JEvsKcvN1P7R2ZD3BUB5Dg5U/U3kguWODd+Z1mz
tN0FzI8CgYBx9giIe7aAItxl43p6tPsMW6ROlXEjWit2XBlaDdY5t48k8KJ2clk/
IHu8B12R2mN+lMn9mkOa4mSb9MrVQZ2FGg4lUAQro519NVBcVqoRsEDn1kHd+hhl
L6c41r4AZ3Iyvr3MYoSohogBbAnd6TW14NjvBHceREhAqvmIWlWmAQ==
-----END RSA PRIVATE KEY-----
EOF
}
```

» Argument Reference

The following arguments are supported:

- `name` - (Optional) A label assigned to the Load Balancer
- `policy` - (Optional) Method of load balancing to use, either `least-connections` or `round-robin`
- `certificate_pem` - (Optional) A X509 SSL certificate in PEM format. Must be included along with `certificate_key`. If intermediate certificates are required they should be concatenated after the main certificate
- `certificate_private_key` - (Optional) The RSA private key used to sign the certificate in PEM format. Must be included along with `certificate_pem`
- `sslv3` - (Optional) Allow SSL v3 to be used. Default is `false`
- `buffer_size` - (Optional) Buffer size in bytes
- `nodes` - (Optional) An array of Server IDs
- `listener` - (Required) An array of listener blocks. The Listener block is described below
- `healthcheck` - (Required) A healthcheck block. The Healthcheck block is described below

Listener (`listener`) supports the following: * `protocol` - (Required) Protocol of the listener. One of `tcp`, `http`, `https`, `http+ws`, `https+wss` * `in` - (Required) Port to listen on * `out` - (Required) Port to pass through to * `timeout` - (Optional) Timeout of connection in milliseconds. Default is 50000

Health Check (`healthcheck`) supports the following: * `type` - (Required) Type of health check required: `tcp` or `http` * `port` - (Required) Port to connect to to check health * `request` - (Optional) Path used for HTTP check * `interval` - (Optional) Frequency of checks in milliseconds * `timeout` - (Optional) Timeout of health check in milliseconds * `threshold_up` - (Optional) Number of checks that must pass before connection is considered healthy * `threshold_down` -

(Optional) Number of checks that must fail before connection is considered unhealthy

» Attributes Reference

The following attributes are exported

- `id` - The ID of the Load Balancer
- `status` - Current state of the load balancer. Usually `creating` or `active`
- `locked` - True if the database server has been set to locked and cannot be deleted

» brightbox_server

Provides a Brightbox Server resource. This can be used to create, modify, and delete Servers. Servers also support provisioning.

» Example Usage

```
# Create a new 512Mb SSD Web Server in the gb1a zone
resource "brightbox_server" "web" {
  image  = "img-testy"
  name   = "web-1"
  zone = "gb1a"
  type = "512mb.ssd"
  server_groups = [ "grp-testy" ]
}
```

» Argument Reference

The following arguments are supported:

- `image` - (Required) The Server image ID
- `server_groups` (Required) - An array of server group ids the server should be added to. At least one server group must be specified.
- `name` - (Optional) The Server name
- `type` - (Optional) The handle of the server type required (`1gb.ssd`, etc)
- `zone` - (Optional) The handle of the zone required (`gb1-a`, `gb1-b`)
- `user_data` (Optional) - A string of the desired User Data for the Server.
- `user_data_base64` (Optional) - Already encrypted User Data - for use with the template provider.

NOTE: Only one of `user_data` or `user_data_base64` can be specified

» Attributes Reference

The following attributes are exported:

- `id` - The ID of the Server
- `fqdn` - Fully Qualified Domain Name of server
- `hostname` - short name of server, usually the same as the `id`
- `interface` - the id reference of the network interface. Used to target cloudips.
- `ipv4_address_private` - The RFC 1912 address of the server
- `ipv6_address` - the IPv6 address of the server
- `ipv6_hostname` - the FQDN of the IPv6 address
- `public_hostname` - the FQDN of the public IPv4 address. Appears if a cloud ip is mapped
- `ipv4_address` - the public IPV4 address of the server. Appears if a cloud ip is mapped
- `locked` - True if server has been set to locked and cannot be deleted
- `status` - Current state of the server, usually `active`, `inactive` or `deleted`
- `username` - The username used to log onto the server

» Import

Servers can be imported using the server `id`, e.g.

```
terraform import brightbox_server.myserver srv-ojy3o
```

» brightbox_server_group

Provides a Brightbox Server Group resource. This can be used to create, modify, and delete Server Groups.

» Example Usage

```
# Default Server Group
# the instances over SSH and HTTP
resource "brightbox_server_group" "default" {
  name = "Terraform controlled servers"
}

# Create a new 512Mb SSD Web Server in the gb1a zone
resource "brightbox_server" "web" {
  image  = "img-testy"
  name   = "web-1"
```

```
  zone = "gb1a"
  type = "512mb.ssd"
  server_groups = ["${brightbox_server_group.default.id}"]
}
```

» Argument Reference

The following arguments are supported:

- `name` - (Optional) A label assigned to the Server Group
- `description` - (Optional) A further description of the Server Group

» Attributes Reference

The following attributes are exported:

- `id` - The ID of the Server

» Import

Server Groups can be imported using the server group `id`, e.g.

```
terraform import brightbox_server_group.default grp-ok8vw
```