

## » **ultradns\_dirpool**

Provides an UltraDNS Directional Controller pool resource.

### » **Example Usage**

```
# Create a Directional Controller pool
resource "ultradns_dirpool" "pool" {
  zone      = "${var.ultradns_domain}"
  name      = "terraform-dirpool"
  ttl       = 300
  description = "Minimal DirPool"

  rdata {
    host = "192.168.0.10"
  }
}
```

### » **Argument Reference**

See related part of UltraDNS Docs for details about valid values.

The following arguments are supported:

- **zone** - (Required) The domain to add the record to
- **name** - (Required) The name of the record
- **type** - (Required) The Record Type of the record
- **description** - (Required) Description of the Traffic Controller pool. Valid values are strings less than 256 characters.
- **rdata** - (Required) a list of Record Data blocks, one for each member in the pool. Record Data documented below.
- **ttl** - (Optional) The TTL of the record. Default: 3600.
- **conflict\_resolve** - (Optional) String. Valid: "GEO" or "IP". Default: "GEO".
- **no\_response** - (Optional) a single Record Data block, without any **host** attribute. Record Data documented below.

Record Data blocks support the following:

- **host** - (Required in **rdata**, absent in **no\_response**) IPv4 address or CNAME for the pool member.
- **all\_non\_configured** - (Optional) Boolean. Default: **false**.
- **geo\_info** - (Optional) a single Geo Info block. Geo Info documented below.
- **ip\_info** - (Optional) a single IP Info block. IP Info documented below.

Geo Info blocks support the following:

- **name** - (Optional) String.
- **is\_account\_level** - (Optional) Boolean. Default: **false**.
- **codes** - (Optional) Set of geo code strings. Shorthand codes are expanded.

IP Info blocks support the following:

- **name** - (Optional) String.
- **is\_account\_level** - (Optional) Boolean. Default: **false**.
- **ips** - (Optional) Set of IP blocks. IP Info documented below.

IP blocks support the following: - **start** - (Optional) String. IP Address. Must be paired with **end**. Conflicts with **cidr** or **address**. - **end** - (Optional) String. IP Address. Must be paired with **start**. - **cidr** - (Optional) String. - **address** - (Optional) String. IP Address.

## » Attributes Reference

The following attributes are exported:

- **id** - The record ID
- **hostname** - The FQDN of the record

## » `ultradns__probe__http`

Provides an UltraDNS HTTP probe

### » Example Usage

```
resource "ultradns_probe_http" "probe" {
  zone          = "${ultradns_tcpool.pool.zone}"
  name          = "${ultradns_tcpool.pool.name}"
  pool_record = "10.2.1.1"

  agents = ["DALLAS", "AMSTERDAM"]

  interval = "ONE_MINUTE"
  threshold = 1

  http_probe {
    transaction {
      method      = "POST"
      url         = "http://localhost/index"
      transmitted_data = "{}"
```

```

follow_redirects = true

limit {
    name = "run"

    warning = 1
    critical = 2
    fail     = 3
}

limit {
    name = "avgConnect"

    warning = 4
    critical = 5
    fail     = 6
}

limit {
    name = "avgRun"

    warning = 7
    critical = 8
    fail     = 9
}

limit {
    name = "connect"

    warning = 10
    critical = 11
    fail     = 12
}
}

total_limits {
    warning = 13
    critical = 14
    fail     = 15
}
}
}

```

## » Argument Reference

The following arguments are supported:

- **zone** - (Required) The domain of the pool to probe.
- **name** - (Required) The name of the pool to probe.
- **pool\_record** - (optional) IP address or domain. If provided, a record-level probe is created, otherwise a pool-level probe is created.
- **agents** - (Required) List of locations that will be used for probing. One or more values must be specified. Valid values are "NEW\_YORK", "PALO\_ALTO", "DALLAS" & "AMSTERDAM".
- **threshold** - (Required) Number of agents that must agree for a probe state to be changed.
- **http\_probe** - (Required) an HTTP Probe block.
- **interval** - (Optional) Length of time between probes in minutes. Valid values are "HALF\_MINUTE", "ONE\_MINUTE", "TWO\_MINUTES", "FIVE\_MINUTES", "TEN\_MINUTES" & "FIFTEEN\_MINUTE". Default: "FIVE\_MINUTES".

HTTP Probe block - **transaction** - (Optional) One or more Transaction blocks.  
- **total\_limits** - (Optional) A Limit block, but with no **name** attribute.

Transaction block - **method** - (Required) HTTP method. Valid values are "GET", "POST". - **url** - (Required) URL to probe. - **transmitted\_data** - (Optional) Data to send to URL. - **follow\_redirects** - (Optional) Whether to follow redirects. - **limit** - (Required) One or more Limit blocks. Only one limit block may exist for each name.

Limit block - **name** - (Required) Kind of limit. Valid values are "lossPercent", "total", "average", "run" & "avgRun". - **warning** - (Optional) Amount to trigger a warning. - **critical** - (Optional) Amount to trigger a critical. - **fail** - (Optional) Amount to trigger a failure.

## » **ultradns\_probe\_ping**

Provides an UltraDNS ping probe

## » Example Usage

```
resource "ultradns_probe_ping" "probe" {  
  zone          = "${ultradns_tcpool.pool.zone}"  
  name          = "${ultradns_tcpool.pool.name}"  
  pool_record   = "10.3.0.1"  
  
  agents = ["DALLAS", "AMSTERDAM"]  
}
```

```

interval = "ONE_MINUTE"
threshold = 1

ping_probe {
  packets      = 15
  packet_size = 56

  limit {
    name      = "lossPercent"
    warning   = 1
    critical  = 2
    fail      = 3
  }

  limit {
    name      = "total"
    warning   = 2
    critical  = 3
    fail      = 4
  }
}
}

```

## » Argument Reference

The following arguments are supported:

- **zone** - (Required) The domain of the pool to probe.
- **name** - (Required) The name of the pool to probe.
- **pool\_record** - (optional) IP address or domain. If provided, a record-level probe is created, otherwise a pool-level probe is created.
- **agents** - (Required) List of locations that will be used for probing. One or more values must be specified. Valid values are "NEW\_YORK", "PALO\_ALTO", "DALLAS" & "AMSTERDAM".
- **threshold** - (Required) Number of agents that must agree for a probe state to be changed.
- **ping\_probe** - (Required) a Ping Probe block.
- **interval** - (Optional) Length of time between probes in minutes. Valid values are "HALF\_MINUTE", "ONE\_MINUTE", "TWO\_MINUTES", "FIVE\_MINUTES", "TEN\_MINUTES" & "FIFTEEN\_MINUTE". Default: "FIVE\_MINUTES".

Ping Probe block - **packets** - (Optional) Number of ICMP packets to send. Default 3. - **packet\_size** - (Optional) Size of packets in bytes. Default 56. -

**limit** - (Required) One or more Limit blocks. Only one limit block may exist for each name.

Limit block - **name** - (Required) Kind of limit. Valid values are "lossPercent", "total", "average", "run" & "avgRun". - **warning** - (Optional) Amount to trigger a warning. - **critical** - (Optional) Amount to trigger a critical. - **fail** - (Optional) Amount to trigger a failure.

## » **ultradns\_\_record**

Provides an UltraDNS record resource.

### » **Example Usage**

```
# Add a record to the domain
resource "ultradns_record" "foobar" {
  zone  = "${var.ultradns_domain}"
  name  = "terraform"
  rdata = ["192.168.0.11"]
  type  = "A"
  ttl   = 3600
}
```

### » **Argument Reference**

See related part of UltraDNS Docs for details about valid values.

The following arguments are supported:

- **zone** - (Required) The domain to add the record to
- **name** - (Required) The name of the record
- **rdata** - (Required) An array containing the values of the record
- **type** - (Required) The type of the record
- **ttl** - (Optional) The TTL of the record

### » **Attributes Reference**

The following attributes are exported:

- **id** - The record ID
- **name** - The name of the record
- **rdata** - An array containing the values of the record
- **type** - The type of the record

- `ttl` - The TTL of the record
- `zone` - The domain of the record
- `hostname` - The FQDN of the record

## » `ultradns__tcpool`

Provides an UltraDNS Traffic Controller pool resource.

### » Example Usage

```
# Create a Traffic Controller pool
resource "ultradns__tcpool" "pool" {
  zone      = "${var.ultradns_domain}"
  name      = "terraform-tcpool"
  ttl       = 300
  description = "Minimal TC Pool"

  rdata {
    host = "192.168.0.10"
  }
}
```

### » Argument Reference

See related part of UltraDNS Docs for details about valid values.

The following arguments are supported:

- `zone` - (Required) The domain to add the record to
- `name` - (Required) The name of the record
- `rdata` - (Required) a list of rdata blocks, one for each member in the pool. Record Data documented below.
- `description` - (Required) Description of the Traffic Controller pool. Valid values are strings less than 256 characters.
- `ttl` - (Optional) The TTL of the record. Default: 3600.
- `run_probes` - (Optional) Boolean to run probes for this pool. Default: `true`.
- `act_on_probes` - (Optional) Boolean to enable and disable pool records when probes are run. Default: `true`.
- `max_to_lb` - (Optional) Determines the number of records to balance between. Valid values are integers 0 - `len(rdata)`. Default: 0.
- `backup_record_rdata` - (Optional) IPv4 address or CNAME for the backup record. Default: `nil`.

- **backup\_record\_failover\_delay** - (Optional) Time in minutes that Traffic Controller waits after detecting that the pool record has failed before activating primary records. Valid values are integers 0 - 30. Default: 0.

Record Data blocks support the following:

- **host** - (Required) IPv4 address or CNAME for the pool member.
- **failover\_delay** - (Optional) Time in minutes that Traffic Controller waits after detecting that the pool record has failed before activating secondary records. 0 will activate the secondary records immediately. Integer. Range: 0 - 30. Default: 0.
- **priority** - (Optional) Indicates the serving preference for this pool record. Valid values are integers 1 or greater. Default: 1.
- **run\_probes** - (Optional) Whether probes are run for this pool record. Boolean. Default: **true**.
- **state** - (Optional) Current state of the pool record. String. Must be one of "NORMAL", "ACTIVE", or "INACTIVE". Default: "NORMAL".
- **threshold** - (Optional) How many probes must agree before the record state is changed. Valid values are integers 1 - **len(probes)**. Default: 1.
- **weight** - (Optional) Traffic load to send to each server in the Traffic Controller pool. Valid values are integers 2 - 100. Default: 2

## » Attributes Reference

The following attributes are exported:

- **id** - The record ID
- **hostname** - The FQDN of the record