DNSMadeEasy Provider

The DNSMadeEasy provider is used to interact with the resources supported by DNSMadeEasy. The provider needs to be configured with the proper credentials before it can be used.

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

Example Usage

```
# Configure the DNSMadeEasy provider
provider "dme" {
  akey       = "${var.dme_akey}"
  skey       = "${var.dme_skey}"
  usesandbox = true
}

# Create an A record
resource "dme_record" "www" {
  domainid = "123456"

  # ...
}
```

Argument Reference

The following arguments are supported:

- `akey` - (Required) The DNSMadeEasy API key. This can also be specified with the `DME_AKEY` shell environment variable.
- `skey` - (Required) The DNSMadeEasy Secret key. This can also be specified with the `DME_SKEY` shell environment variable.
- `usesandbox` - (Optional) If true, the DNSMadeEasy sandbox will be used. This can also be specified with the `DME_USESANDBOX` shell environment variable.

dme_record

Provides a DNSMadeEasy record resource.

Example Usage

```
# Add an A record to the domain
resource "dme_record" "www" {
  domainid    = "123456"
  name        = "www"
  type        = "A"
  value       = "192.168.1.1"
  ttl         = 3600
  gtdLocation = "DEFAULT"
}
```

Argument Reference

The following arguments are supported:

- `domainid` - (String, Required) The domain id to add the record to
- `name` - (Required) The name of the record `type` - (Required) The type of
- the record `value` - (Required) The value of the record; its usage will depend on the `type` (see below)
- `ttl` - (Integer, Optional) The TTL of the record `gtdLocation` - (String, Optional) The GTD Location of the record on Global Traffic Director enabled domains; Unless GTD is enabled this should either be omitted or set to "DEFAULT"

Additional arguments are listed below under DNS Record Types.

DNS Record Types

The type of record being created affects the interpretation of the `value` argument; also, some additional arguments are required for some record types. http://help.dnsmadeeasy.com/tutorials/managed-dns/ (http://help.dnsmadeeasy.com/tutorials/managed-dns/) has more information.

A Record

- `value` is the hostname

CNAME Record

- `value` is the alias name

ANAME Record

- `value` is the aname target

MX Record

- `value` is the server
- `mxLevel` (Integer, Required) is the MX level

HTTPRED Record

- `value` is the URL
- `hardLink` (Boolean, Optional) If true, any request that is made for this record will have the path removed after the fully qualified domain name portion of the requested URL
- `redirectType` (Required) One of 'Hidden Frame Masked', 'Standard 301', or 'Standard 302'
- `title` (Optional) If set, the hidden iframe that is used in conjunction with the Hidden Frame Masked Redirect Type will have the HTML meta description data field set to the value of this field
- `keywords` (Optional) If set, the hidden iframe that is used in conjunction with the Hidden Frame Masked Redirect Type will have the HTML meta keywords data field set to the value of this field
- `description` (Optional) A human-readable description.

TXT Record

- `value` is free form text

SPF Record

- `value` is the SPF definition of hosts allowed to send email

PTR Record

- `value` is the reverse DNS for the host

NS Record

- `value` is the host name of the server

AAAA Record

- `value` is the IPv6 address

SRV Record

- `value` is the host

- `priority` (Integer, Required). Acts the same way as MX Level
- `weight` (Integer, Required). Hits will be assigned proportionately by weight
- `port` (Integer, Required). The actual port of the service offered

Attributes Reference

The following attributes are exported:

- `name` - The name of the record
- `type` - The type of the record
- `value` - The value of the record `type` (see below)
- `ttl` - The TTL of the record
- `gtdLocation` - The GTD Location of the record on GTD enabled domains

Additional fields may also be exported by some record types - see DNS Record Types.

Record Type Examples

Following are examples of using each of the record types.

```
# Provide your API and Secret Keys, and whether the sandbox
# is being used (defaults to false)
provider "dme" {
  akey       = "aaaaaa1a-11a1-1aa1-a101-11a1a11aa1aa"
  skey       = "11a0a11a-a1a1-111a-a11a-a11110a11111"
  usesandbox = true
}

# A Record
resource "dme_record" "testa" {
  domainid    = "123456"
  name        = "testa"
  type        = "A"
  value       = "1.1.1.1"
  ttl         = 1000
  gtdLocation = "DEFAULT"
}

# CNAME record
resource "dme_record" "testcname" {
  domainid = "123456"
  name     = "testcname"
  type     = "CNAME"
  value    = "foo"
  ttl      = 1000
}

# ANAME record
resource "dme_record" "testaname" {
  domainid = "123456"
  name     = "testaname"
  type     = "ANAME"
```

```
  type        = "AAAA"
  value    = "foo"
  ttl      = 1000
}

# MX record
resource "dme_record" "testmx" {
  domainid = "123456"
  name     = "testmx"
  type     = "MX"
  value    = "foo"
  mxLevel  = 10
  ttl      = 1000
}

# HTTPRED
resource "dme_record" "testhttpred" {
  domainid     = "123456"
  name         = "testhttpred"
  type         = "HTTPRED"
  value        = "https://github.com/soniah/terraform-provider-dme"
  hardLink     = true
  redirectType = "Hidden Frame Masked"
  title        = "An Example"
  keywords     = "terraform example"
  description  = "This is a description"
  ttl          = 2000
}

# TXT record
resource "dme_record" "testtxt" {
  domainid = "123456"
  name     = "testtxt"
  type     = "TXT"
  value    = "foo"
  ttl      = 1000
}

# SPF record
resource "dme_record" "testspf" {
  domainid = "123456"
  name     = "testspf"
  type     = "SPF"
  value    = "foo"
  ttl      = 1000
}

# PTR record
resource "dme_record" "testptr" {
  domainid = "123456"
  name     = "testptr"
  type     = "PTR"
  value    = "foo"
  ttl      = 1000
}

# NS record
resource "dme_record" "testns" {
  domainid = "123456"
  name     = "testns"
  type     = "NS"
  value    = "foo"
  ttl      = 1000
}

# AAAA record
```

```
resource "dme_record" "testaaaa" {
  domainid = "123456"
  name     = "testaaaa"
  type     = "AAAA"
  value    = "FE80::0202:B3FF:FE1E:8329"
  ttl      = 1000
}

# SRV record
resource "dme_record" "testsrv" {
  domainid = "123456"
  name     = "testsrv"
  type     = "SRV"
  value    = "foo"
  priority = 10
  weight   = 20
  port     = 30
  ttl      = 1000
}
```