

## » **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/> 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"
    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  
}
```