Traffic Management API

The Traffic Management API allows you to use Akamai's Dynamic DNS-based network to map domains to data centers or for cloud-based server load balancing.
https://developer.akamai.com/api/luna/config-gtm/overview.html

Create a Domain

For a domain named **example.akadns.net**, create a request object:

```
{
    "name": "example.akadns.net",
    "type": "weighted",
    "emailNotificationList":
    [ "our.admin@example.com"],
    "modificationComments":
    "New Traffic Management domain."
}
```

Then, POST the object to /config-gtm/v1/domains/.

Create a Data Center

Each domain needs at least two associated data centers.

1. Create a request object specifying the first data center's desired geography:

```
{
    "city": "Downpatrick",
    "continent": "EU",
    "country": "GB",
    "latitude": 54.367,
    "longitude": -5.582,
    "nickname": "Winterfell"
}
```

Then, **POST** the object to **/config-gtm/v1/domains/example. akadns.net/datacenters**.

2. From the response, cache the resource's `datacenterId`.

```
{
    "city": "Downpatrick",
    "continent": "EU",
    "country": "GB",
    "datacenterId": 3131,
     ...
}
```

3. Repeat steps 1 and 2 for the second data center.

```
{
    "city": "Snæfellsjökull",
    "continent": "EU",
    "country": "IS",
    "latitude": 64.808,
    "longitude": -23.776,
    "nickname": "Frostfangs"
}
```

Create a Property

A property is really a subdomain. It specifies the data centers across which to balance the load. The sum of this value must add up to 100. In this example, we make two data centers distributed 50/50.

Create a request object for a property called *origin*, and two data centers distributed 50/50:

```
{
    "name": "origin",
    "handoutMode": "normal",
    "failoverDelay": 0,
    "failbackDelay": 0,
    "trafficTargets": [
        {
            "datacenterId": 3131,
            "enabled": true,
            "servers": [
                "1.2.3.5"
            ],
            "weight": 50
        },
        {
            "datacenterId": 3132,
            "enabled": true,
            "servers": [
                "1.2.3.4"
            ],
            "weight": 50
        }
    ],
    "type": "weighted-round-robin",
    "scoreAggregationType": "mean"
}
```

Then, **PUT** the object to **/config-gtm/v1/domains/example. akadns.net/properties/origin**.