

Arukas Provider

The Arukas provider is used to manage Arukas (<https://arukas.io/en/>) resources.

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

For additional details please refer to Arukas documentation (<https://arukas.io/en/category/documents-en/>).

Example Usage

Here is an example that will setup the following:

- A container resource using the "NGINX" image
- Instance count is 1
- Plan is "free"
- Expose tcp 80 port to the EndPoint
- Set environments variable with like "key1=value1"

Add the below to a file called `arukas.tf` and run the `terraform` command from the same directory:

```
provider "arukas" {  
  token = ""  
  secret = ""  
}  
  
resource "arukas_container" "foobar" {  
  name      = "terraform_for_arukas_test_foobar"  
  image     = "nginx:latest"  
  instances = 1  
  plan      = "free"  
  
  ports = {  
    protocol = "tcp"  
    number   = "80"  
  }  
  
  environments {  
    key   = "key1"  
    value = "value1"  
  }  
}
```

You'll need to provide your Arukas API token and secret, so that Terraform can connect. If you don't want to put credentials in your configuration file, you can leave them out:

```
provider "arukas" {}
```

...and instead set these environment variables:

- `ARUKAS_JSON_API_TOKEN` : Your Arukas API token
- `ARUKAS_JSON_API_SECRET`: Your Arukas API secret

Argument Reference

The following arguments are supported:

- `token` - (Required) This is the Arukas API token. It must be provided, but it can also be sourced from the `ARUKAS_JSON_API_TOKEN` environment variable.
- `secret` - (Required) This is the Arukas API secret. It must be provided, but it can also be sourced from the `ARUKAS_JSON_API_SECRET` environment variable.
- `api_url` - (Optional) Override Arukas API Root URL. Also taken from the `ARUKAS_JSON_API_URL` environment variable if provided.
- `trace` - (Optional) The flag of Arukas API trace log. Also taken from the `ARUKAS_DEBUG` environment variable if provided.
- `timeout` - (Optional) Override Arukas API timeout seconds. Also taken from the `ARUKAS_TIMEOUT` environment variable if provided.

arukas_container

Provides container resource. This allows container to be created, updated and deleted.

For additional details please refer to API documentation (<https://arukas.io/en/documents-en/arukas-api-reference-en/>).

Example Usage

Create a new container using the "NGINX" image.

```
resource "arukas_container" "foobar" {
  name      = "terraform_for_arukas_test_foobar"
  image     = "nginx:latest"
  instances = 1
  plan      = "free"

  ports = {
    protocol = "tcp"
    number   = "80"
  }

  environments {
    key   = "key1"
    value = "value1"
  }
}
```

Argument Reference

The following arguments are supported:

- `name` - (Required, string) The name of the container.
- `image` - (Required, string) The ID of the image to back this container. It must be a public image on DockerHub.
- `instances` - (Optional, int) The count of the instance. It must be between 1 and 10.
- `plan` - (Optional, string) The plan of the Arukas. It must be `free` or `hobby` or `standard-1` or `standard-2`.
- `endpoint` - (Optional, string) The subdomain part of the endpoint assigned by Arukas. If it is not set, Arukas will do automatic assignment.
- `ports` - (Required, block) See Ports below for details.
- `environments` - (Required, block) See Environments below for details.
- `cmd` - (Optional, string) The command of the container.

Ports

`ports` is a block within the configuration that can be repeated to specify the port mappings of the container. Each `ports` block supports the following:

- `protocol` - (Optional, string) Protocol that can be used over this port, defaults to `tcp`, It must be `tcp` or `udp`.
- `number` - (Optional, int) Port within the container, defaults to `80`, It must be between `1` to `65535`.

Environments

`environments` is a block within the configuration that can be repeated to specify the environment variables. Each `environments` block supports the following:

- `key` - (Required, string) Key of environment variable.
- `value` - (Required, string) Value of environment variable.

Attributes Reference

The following attributes are exported:

- `id` - The ID of the Arukas application to which the Arukas Service and the container belongs.
- `service_id` - The ID of the Arukas Service to which the container belongs.
- `name` - The name of the container.
- `image` - The ID of the image to back this container.
- `instances` - The count of the instance.
- `region` - The name of region
- `plan` - The name of plan
- `endpoint` - The subdomain part of the endpoint assigned by Arukas.
- `ports` - See Ports below for details.
- `environments` - See Environments below for details.
- `cmd` - The command of the container.
- `port_mappings` - See PortMappings below for details.
- `endpoint_full_url` - The URL of endpoint.
- `endpoint_full_hostname` - The Hostname of endpoint.

PortMappings

`port_mappings` is a block within the configuration that the port mappings of the container. Each `port_mappings` block supports the following:

- `host` - The name of the host actually running the container.
- `ipaddress` - The IP address of the host actually running the container.

- `container_port` - Port within the container.
- `service_port` - The actual port mapped to the port in the container.