» vmc_connected_accounts

The connected accounts data source get a list of connected accounts.

» Example Usage

```
data "vmc_connected_accounts" "my_accounts" {
  account_number = var.aws_account_number
}
```

» Argument Reference

- `org_id` - (Computed) Organization identifier.
- `account_number` - (Required) AWS account number.

» Attributes Reference

In addition to arguments listed above, the following attributes are exported:

- `id` - The corresponding connected (customer) account UUID this connection is attached to.

» vmc_customer_subnets

The customer subnets data source provides information about customer's compatible subnets for account linking.

» Example Usage

```
data "vmc_customer_subnets" "my_subnets" {
  connected_account_id = data.vmc_connected_accounts.my_accounts.ids[0]
  region               = var.sddc_region
}
```

» Argument Reference

- `org_id` - (Computed) Organization identifier.
- `region` - (Required) The AWS specific (e.g us-west-2) or VMC specific region (e.g US_WEST_2) of the cloud resources to work in.

- `num_hosts` - (Optional) The number of hosts.
- `connected_account_id` - (Optional) The linked connected account identifier.
- `sddc_id` - (Optional) SDDC identifier.
- `force_refresh` - (Optional) Boolean value when set to true, forces the mappings for datacenters to be refreshed for the connected account.
- `instance_type` - (Optional) The server instance type to be used.

» Attributes Reference

In addition to arguments listed above, the following attributes are exported:

- `customer_available_zones` - A list of AWS availability zones.
- `ids` - A list of AWS subnet IDs to create links to in the customer's account.

» vmc_org

This data source provides information about an organization.

» Argument Reference

- `id` - (Computed) ID of the organization.

» vmc_sddc

Provides a resource to provision SDDC.

» Example Usage

```
provider "vmc" {
  refresh_token = var.api_token
  org_id = var.org_id
}

data "vmc_connected_accounts" "my_accounts" {
  account_number = var.aws_account_number
}
```

```
data "vmc_customer_subnets" "my_subnets" {
  connected_account_id = data.vmc_connected_accounts.my_accounts.ids[0]
  region               = var.sddc_region
}

resource "vmc_sddc" "sddc_1" {
  sddc_name           = var.sddc_name
  vpc_cidr            = var.vpc_cidr
  num_host            = 3
  provider_type       = "AWS"
  region              = data.vmc_customer_subnets.my_subnets.region
  vxlan_subnet        = var.vxlan_subnet
  delay_account_link  = false
  skip_creating_vxlan = false
  sso_domain          = "vmc.local"

  deployment_type = "SingleAZ"

  account_link_sddc_config {
    customer_subnet_ids  = [data.vmc_customer_subnets.my_subnets.ids[0]]
    connected_account_id = data.vmc_connected_accounts.my_accounts.ids[0]
  }
  timeouts {
    create = "300m"
    update = "300m"
    delete = "180m"
  }
}
```

» Argument Reference

The following arguments are supported:

- `org_id` - (Required) Organization identifier.

- `region` - (Required) The AWS specific (e.g us-west-2) or VMC specific region (e.g US_WEST_2) of the cloud resources to work in.

- `sddc_name` - (Required) Name of the SDDC.

- `storage_capacity` - (Optional) The storage capacity value to be requested for the SDDC primary cluster. This variable is only for R5.METAL. Possible values are 15TB, 20TB, 25TB, 30TB, 35TB per host.

- `num_host` - (Required) The number of hosts.

- `account_link_sddc_config` - (Optional) The account linking configuration object.

- `host_instance_type` - (Optional) The instance type for the esx hosts in the primary cluster of the SDDC. Possible values : I3_METAL, R5_METAL.

- `vpc_cidr` - (Optional) SDDC management network CIDR. Only prefix of 16, 20 and 23 are supported. Note : Specify a private subnet range (RFC 1918) to be used for vCenter Server, NSX Manager, and ESXi hosts. Choose a range that will not conflict with other networks you will connect to this SDDC. Minimum CIDR sizes : /23 for up to 27 hosts, /20 for up to 251 hosts, /16 for up to 4091 hosts. Reserved CIDRs : 10.0.0.0/15, 172.31.0.0/16.

- `sddc_type` - (Optional) Denotes the sddc type , if the value is null or empty, the type is considered as default.

- `vxlan_subnet` - (Optional) A logical network segment that will be created with the SDDC under the compute gateway.

- `delay_account_link` - (Optional) Boolean flag identifying whether account linking should be delayed or not for the SDDC.

- `provider_type` - (Optional) Determines what additional properties are available based on cloud provider. Default value : AWS

- `skip_creating_vxlan` - (Optional) Boolean value to skip creating vxlan for compute gateway for SDDC provisioning.

- `sso_domain` - (Optional) The SSO domain name to use for vSphere users. If not specified, vmc.local will be used.

- `sddc_template_id` - (Optional) If provided, configuration from the template will applied to the provisioned SDDC.

- `deployment_type` - (Optional) Denotes if request is for a SingleAZ or a MultiAZ SDDC. Default : SingleAZ.

- `cluster_id` - (Optional) Cluster identifier.

» Attributes Reference

In addition to arguments listed above, the following attributes are exported:

- `id` - SDDC identifier.

- `nsxt_reverse_proxy_url` - NSXT reverse proxy url for managing public IP.

» vmc_public_ip

Provides a resource to manage public IPs. ~> **Note:** Public IP resource implicitly depends on SSDC resource creation. SDDC must be provisioned before a public IP can be created. For details on how to provision a SDDC refer to the SDDC documentation.

» Example Usage

```
provider "vmc" {
  refresh_token = var.api_token
  org_id = var.org_id
}

resource "vmc_public_ip" "public_ip_1" {
  nsxt_reverse_proxy_url = vmc_sddc.sddc_1.nsxt_reverse_proxy_url
  display_name = var.public_ip_displayname
}
```

» Argument Reference

The following arguments are supported for vmc_public_ip resource:

- `nsxt_reverse_proxy_url` - (Required) NSXT reverse proxy url for managing public IP. Computed after SDDC creation.

- `display_name` - (Optional) Display name for public IP.

» Attributes Reference

In addition to arguments listed above, the following attributes are exported after public IP creation:

- `id` - Public IP identifier.

- `ip` - Public IP.

- `display_name` - Display name for public IP.