

» Data Source: pureport__account

» Example Usage

```
data "pureport_accounts" "empty" {  
}  
  
data "pureport_accounts" "name_regex" {  
  filter {  
    name = "Name"  
    values = ["My Name.*"]  
  }  
}
```

» Argument Reference

The following arguments are supported:

- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model. Nested values are supported. E.g.("Location.DisplayName")
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

The Pureport Account resource exports the following attributes:

- **accounts** - The found list of accounts.
 - **id** - The unique identifier for the Pureport account.
 - **href** - The unique path reference to the Pureport account. This will be used by other resources to identify the account in most cases.
 - **name** - The name on the account.
 - **description** - The description of the account.
 - **tags** - A dictionary of user defined key/value pairs associated with this resource.

The Pureport Guide,

» Data Source: pureport__cloud__regions

» Example Usage

```
data "pureport_cloud_regions" "name_regex" {
  filter {
    name = "Name"
    values = ["US East.*"]
  }
}
```

» Argument Reference

The following arguments are supported:

- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model.
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

- **regions** - The found list of regions.
 - **id** - The unique identifier for the cloud region.
 - **name** - The display name for the cloud region.
 - **provider** - The cloud provider for the cloud region.
 - **identifier** - The identifier provided by the cloud provider for this region.
 - **tags** - A dictionary of user defined key/value pairs associated with this resource.

The Pureport Guide,

» Data Source: pureport__cloud__services

» Example Usage

```
data "pureport_cloud_services" "name_regex" {
  filter {
    name = "Name"
    values = [".*S3 us-west-2"]
  }
}
```

```

    }
  }

```

» Argument Reference

The following arguments are supported:

- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model.
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

- **services** - The found list of cloud provider services.
 - **id** - The unique identifier for the cloud service.
 - **name** - The display name for the cloud service.
 - **provider** - The cloud provider for the cloud service.
 - **href** - The unique path reference to the cloud service. This will be used by other resources to identify the service in most cases.
 - **ipv4_prefix_count** - The number of IPv4 prefixes associated with this cloud service.
 - **ipv6_prefix_count** - The number of IPv6 prefixes associated with this cloud service.
 - **cloud_region_id** - The identifier for the cloud service where this service is located.
 - **tags** - A dictionary of user defined key/value pairs associated with this resource.

The Pureport Guide,

» Data Source: pureport_locations

» Example Usage

```

data "pureport_locations" "name_regex" {
  filter {
    name = "Name"
    values = ["^Sea*"]
  }
}

```

» Argument Reference

The following arguments are supported:

- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model.
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

- **locations** - A list of Pureport locations.
 - **id** - The unique identifier for the Pureport locations.
 - **href** - The unique path reference for the Pureport locations. This will be used by other resources to identify the locations in most cases.
 - **name** - The name of the location.
 - **links** - The available links to other Pureport locations.
 - * **location_href** - The href of the linked location.
 - * **speed** - The connection speed between the locations.
 - **tags** - A dictionary of user defined key/value pairs associated with this resource.

The Pureport Guide,

» Data Source: pureport_networks

» Example Usage

```
data "pureport_accounts" "main" {
  filter {
    name = "Name"
    values = ["My Account.*"]
  }
}

data "pureport_networks" "empty" {
  account_href = data.pureport_accounts.main.accounts.0.href
}
```

» Argument Reference

The following arguments are supported:

- **account_href** - (Required) The HREF for the Pureport account associated with this network.
-
- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model.
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

- **networks** - A list of Pureport networks.
 - **id** - The unique identifier for the Pureport network.
 - **href** - The unique path reference for the Pureport network. This will be used by other resources to identify the locations in most cases.
 - **name** - The name of the network.
 - **description** - The description for the network.
 - **account_href** - The HREF for the Pureport account associated with this network.
 - **tags** - A dictionary of user defined key/value pairs associated with this resource.

The Pureport Guide,

» Data Source: pureport_aws_connection

» Example Usage

```
data "pureport_aws_connection" "basic" {
  connection_id = data.pureport_connections.main.connections.0.id

  filter {
    name = "Name"
    values = ["^My Conn*"]
  }
}
```

» Argument Reference

The following arguments are supported:

- **connection_id** - (Required) The ID of the connection. You should use the **pureport_connections** data source for querying the list of available connections and discover the ID for the connection.
-
- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model. Nested values are supported. E.g. ("Location.DisplayName")
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

- **name** - The name for the connection
- **location_href** - HREF for the Pureport Location to attach the connection.
- **network_href** - HREF for the network to associate the connection.
- **speed** - The maximum QoS for this connection. Valid values are 50, 100, 200, 300, 400, 500, 1000, 10000 in Mbps.
- **aws_account_id** - Your AWS Account ID.
- **aws_region** - The AWS region to create your connection.
- **description** - The description for the connection.
- **customer_networks** - A list of named CIDR block to easily identify a customer network.
 - **name** - The name for the network.
 - **address** - The CIDR block for the network
- **billing_term** - The billing term for the connection: (Currently only HOURLY is supported.)
- **high_availability** - Whether a redundant gateway is/should be provisioned for this connection.
- **peering_type** - The peering type to use for the connection:
 - PRIVATE
 - PUBLIC

- **cloud_service_hrefs** - When PUBLIC peering is configured, a list of HREFs for the Public peering services to which we want access.
- **tags** - A dictionary of user defined key/value pairs to associate with this resource.
- **nat_config** - The Network Address Translation configuration for the connection.
 - **enabled** - Is NAT enabled for this connection.
 - **mappings** - List of NAT mapped CIDR address
 - * **native_cidr** - The native CIDR block to map.
 - * **nat_cidr** - The CIDR block use for NAT to the associated subnet.
 - **blocks** - List of reserved blocks for NAT.
 - **pnat_cidr** - CIDR use for PNAT between connections.
- **gateways** - List of cloud gateways and their configurations.
 - **name** - The name of the cloud gateway.
 - **description** - The description of the cloud gateway.
 - **availability_domain** - The availability domain of the cloud gateway. The valid values are PRIMARY, SECONDARY.
 - **customer_asn** - The customer ASN used for BGP Peering.
 - **customer_ip** - The assigned IP address to the customer side of the BGP Config.
 - **pureport_asn** - The Pureport ASN used for BGP Peering.
 - **pureport_ip** - The assigned IP address to the Pureport side of the BGP Config.
 - **bgp_password** - The autogenerated BGP password used for authentication.
 - **peering_subnet** - The BGP Config subnet assigned to establish BGP peering.
 - **public_nat_ip** - The public facing IP Address for NAT used by this connection.
 - **remote_id** - The ID of the AWS Direct Connect Connection.
 - **vlan** - The VLAN id for the connection to cloud services.

The Pureport Guide,

» Data Source: `pureport_azure_connection`

» Example Usage

```
data "pureport_azure_connection" "basic" {
  connection_id = data.pureport_connections.main.connections.0.id
}
```

```

filter {
  name = "Name"
  values = ["^My Conn*"]
}
}

```

» Argument Reference

The following arguments are supported:

- **connection_id** - (Required) The ID of the connection. You should use the **pureport_connections** data source for querying the list of available connections and discover the ID for the connection.
-
- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model. Nested values are supported. E.g.("Location.DisplayName")
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

- **name** - The name for the connection
- **location_href** - HREF for the Pureport Location to attach the connection.
- **network_href** - HREF for the network to associate the connection.
- **speed** - The maximum QoS for this connection. Valid values are 50, 100, 200, 300, 400, 500, 1000, 10000 in Mbps.
- **service_key** - The Azure service key for the Express Route Circuit.
- **description** - The description for the connection.
- **customer_networks** - A list of named CIDR block to easily identify a customer network.
 - **name** - The name for the network.
 - **address** - The CIDR block for the network
- **billing_term** - The billing term for the connection: (Currently only HOURLY is supported.)
- **high_availability** - Whether a redundant gateway is/should be provisioned for this connection.

- **peering_type** - The peering type to use for the connection:
 - PRIVATE
 - PUBLIC
- **tags** - A dictionary of user defined key/value pairs to associate with this resource.
- **nat_config** - The Network Address Translation configuration for the connection.
 - **enabled** - Is NAT enabled for this connection.
 - **mappings** - List of NAT mapped CIDR address
 - * **native_cidr** - The native CIDR block to map.
 - * **nat_cidr** - The CIDR block use for NAT to the associated subnet.
 - **blocks** - List of reserved blocks for NAT.
 - **pnat_cidr** - CIDR use for PNAT between connections.
- **gateways** - List of cloud gateways and their configurations.
 - **name** - The name of the cloud gateway.
 - **description** - The description of the cloud gateway.
 - **availability_domain** - The availability domain of the cloud gateway. The valid values are PRIMARY, SECONDARY.
 - **customer_asn** - The customer ASN used for BGP Peering.
 - **customer_ip** - The assigned IP address to the customer side of the BGP Config.
 - **pureport_asn** - The Pureport ASN used for BGP Peering.
 - **pureport_ip** - The assigned IP address to the Pureport side of the BGP Config.
 - **bgp_password** - The autogenerated BGP password used for authentication.
 - **peering_subnet** - The BGP Config subnet assigned to establish BGP peering.
 - **public_nat_ip** - The public facing IP Address for NAT used by this connection.
 - **remote_id** - The ID of the Azure Express Route.
 - **vlan** - The VLAN id for the connection to cloud services.

The Pureport Guide,

» Data Source: `pureport_google_cloud_connection`

» Example Usage

```
data "pureport_google_cloud_connection" "basic" {
```

```

connection_id = data.pureport_connections.main.connections.0.id

filter {
  name = "Name"
  values = ["^My Conn*"]
}
}

```

» Argument Reference

The following arguments are supported:

- **connection_id** - (Required) The ID of the connection. You should use the `pureport_connections` data source for querying the list of available connections and discover the ID for the connection.
-
- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model.
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

- **name** - The name for the connection
- **location_href** - HREF for the Pureport Location to attach the connection.
- **network_href** - HREF for the network to associate the connection.
- **speed** - The maximum QoS for this connection. Valid values are 50, 100, 200, 300, 400, 500, 1000, 10000 in Mbps.
- **primary_pairing_key** - The pairing key for the primary Google Cloud Interconnect Attachment.
- **description** - The description for the connection.
- **customer_networks** - A list of named CIDR block to easily identify a customer network.
 - **name** - The name for the network.
 - **address** - The CIDR block for the network
- **billing_term** - The billing term for the connection: (Currently only HOURLY is supported.)

- **high_availability** - Whether a redundant gateway is/should be provisioned for this connection.
- **secodary_pairing_key** - If HA is enabled, the pairing key for the backup Google Cloud Interconnect Attachment.
- **tags** - A dictionary of user defined key/value pairs to associate with this resource.
- **nat_config** - The Network Address Translation configuration for the connection.
 - **enabled** - Is NAT enabled for this connection.
 - **mappings** - List of NAT mapped CIDR address
 - * **native_cidr** - (Required) The native CIDR block to map.
 - * **nat_cidr** - The CIDR block use for NAT to the associated subnet.
 - **blocks** - List of reserved blocks for NAT.
 - **pnat_cidr** - CIDR use for PNAT between connections.
- **gateways** - List of cloud gateways and their configurations.
 - **name** - The name of the cloud gateway.
 - **description** - The description of the cloud gateway.
 - **availability_domain** - The availability domain of the cloud gateway. The valid values are PRIMARY, SECONDARY.
 - **customer_asn** - The customer ASN used for BGP Peering.
 - **customer_ip** - The assigned IP address to the customer side of the BGP Config.
 - **pureport_asn** - The Pureport ASN used for BGP Peering.
 - **pureport_ip** - The assigned IP address to the Pureport side of the BGP Config.
 - **bgp_password** - The autogenerated BGP password used for authentication.
 - **peering_subnet** - The BGP Config subnet assigned to establish BGP peering.
 - **public_nat_ip** - N/A
 - **remote_id** - The ID of the Google Cloud Interconnect.
 - **remote_id** - The ID of the Google Cloud Interconnect.
 - **vlan** - The VLAN id for the connection to cloud services.

The Pureport Guide,

» Data Source: pureport__site__vpn__connection

» Example Usage

```
data "pureport_site_vpn_connection" "basic" {
  connection_id = data.pureport_connections.main.connections.0.id

  filter {
    name = "Name"
    values = ["^My Conn*"]
  }
}
```

» Argument Reference

The following arguments are supported:

- **connection_id** - (Required) The ID of the connection. You should use the `pureport_connections` data source for querying the list of available connections and discover the ID for the connection.
-
- **filter** - (Optional) A filter used to scope the list e.g. by tags.
 - **name** - (Required) The name of the filter. The valid values are defined in the Pureport SDK Model.
 - **values** - (Required) The value of the filter. Currently only regex strings are supported.

» Attributes

- **auth_type** - The Authentication Type to use. (Currently only PSK is supported.)
- **enable_bgp_password** - Enable BGP password authentication. (Default: false)
- **ike_version** - the IKE Version to use. Valid values are V1, V2.
- **ike_config** - IKE Configuration to use:
 - **esp** - Encapsulating Security Payload
 - * **dh_group** - Diffie-Hellman Group
 - * **encryption** - Encryption Algorithm
 - * **integrity** - Integrity Algorithm
 - **ike** - Internet Key Exchange
 - * **dh_group** - Diffie-Hellman Group

- * **encryption** - Encryption Algorithm
- * **integrity** - Integrity Algorithm
- * **prf** - Pseudo Random Function
- **primary_customer_router_ip** -
- **primary_key** -
- **routing_type** -
- **secondary_customer_router_ip** -
- **secondary_key** -
- **traffic_selectors** - List of Traffic Selectors for Route Based VPN
 - **customer_side** - The customer side CIDR block
 - **pureport_side** - The Pureport side CIDR block
- **name** - The name for the connection
- **location_href** - HREF for the Pureport Location to attach the connection.
- **network_href** - HREF for the network to associate the connection.
- **speed** - The maximum QoS for this connection. Valid values are 50, 100, 200, 300, 400, 500, 1000, 10000 in Mbps.
- **description** - The description for the connection.
- **customer_networks** - A list of named CIDR block to easily identify a customer network.
 - **name** - The name for the network.
 - **address** - The CIDR block for the network
- **billing_term** - The billing term for the connection: (Currently only HOURLY is supported.)
- **high_availability** - Whether a redundant gateway is/should be provisioned for this connection.
- **tags** - A dictionary of user defined key/value pairs to associate with this resource.
- **nat_config** - The Network Address Translation configuration for the connection.
 - **enabled** - Is NAT enabled for this connection.
 - **mappings** - List of NAT mapped CIDR address
 - * **native_cidr** - The native CIDR block to map.
 - * **nat_cidr** - The CIDR block use for NAT to the associated subnet.
 - **blocks** - List of reserved blocks for NAT.

- `pnat_cidr` - CIDR use for PNAT between connections.
- **gateways** - List of cloud gateways and their configurations.
 - `name` - The name of the cloud gateway.
 - `description` - The description of the cloud gateway.
 - `availability_domain` - The availability domain of the cloud gateway. The valid values are `PRIMARY`, `SECONDARY`.
 - `customer_asn` - The customer ASN used for BGP Peering.
 - `customer_ip` - The assigned IP address to the customer side of the BGP Config.
 - `pureport_asn` - The Pureport ASN used for BGP Peering.
 - `pureport_ip` - The assigned IP address to the Pureport side of the BGP Config.
 - `bgp_password` - The autogenerated BGP password used for authentication.
 - `peering_subnet` - The BGP Config subnet assigned to establish BGP peering.
 - `public_nat_ip` - The public facing IP Address for NAT used by this connection.
 - `customer_gateway_ip` - The public IP address of the customers VPN equipment.
 - `customer_vti_ip` - The assigned IP address to the customer side of the VTI tunnel.
 - `pureport_gateway_ip` - The public IP address of the Pureport VPN gateway.
 - `pureport_vti_ip` - The assigned IP address to the Pureport side of the VPN VTI tunnel.
 - `vpn_auth_type` - The type of authentication used for the VPN Connection.
 - `vpn_auth_key` - The Authentication Key used for the VPN Connection.

The Pureport Guide,

» Resource: `pureport_network`

» Example Usage

```
data "pureport_accounts" "main" {
  filter {
    name = "Name"
    values = ["MyAccount"]
  }
}
```

```

resource "pureport_network" "main" {
  name = "MyNetwork"
  description = "My Custom Network"
  account_href = data.pureport_accounts.main.accounts.0.href

  tags = {
    Environment = "production"
    Owner       = "Scott Pilgrim"
  }
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name used for the Network.
 - **account_href** - (Required) HREF for the Account associated with the Network.
-
- **description** - (Optional) The description for the Network.
 - **tags** - (Optional) A dictionary of user defined key/value pairs to associate with this resource.

» Attributes

- **href** - The HREF to reference this Network.

The Pureport Guide,

» Resource: `pureport_aws_connection`

» Example Usage

```

data "pureport_accounts" "main" {
  filter {
    name = "Name"
    values = ["MyAccount"]
  }
}

data "pureport_cloud_regions" "main" {

```

```

    filter {
      name = "Name"
      values = ["Oregon"]
    }
  }

  data "pureport_locations" "main" {
    filter {
      name = "Name"
      values = ["^Sea*"]
    }
  }

  data "pureport_networks" "main" {
    account_href = data.pureport_accounts.main.accounts.0.href
    filter {
      name = "Name"
      values = ["MyNetwork.*"]
    }
  }

  resource "pureport_aws_connection" "main" {
    name = "AwsDirectConnectTest"
    speed = "100"
    high_availability = true

    location_href = data.pureport_locations.main.locations.0.href
    network_href = data.pureport_networks.main.networks.0.href

    aws_region = data.pureport_cloud_regions.main.regions.0.identifier
    aws_account_id = "123456789012"

    tags = {
      Environment = "production"
      Owner       = "Scott Pilgrim"
    }
  }

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name for the connection
- **location_href** - (Required) HREF for the Pureport Location to attach the connection.

- **network_href** - (Required) HREF for the network to associate the connection.
- **speed** - (Required) The maximum QoS for this connection. Valid values are 50, 100, 200, 300, 400, 500, 1000, 10000 in Mbps.
- **aws_account_id** - (Required) Your AWS Account ID.
- **aws_region** - (Required) The AWS region to create your connection.

-
- **description** - (Optional) The description for the connection.
 - **customer_networks** - (Optional) A list of named CIDR block to easily identify a customer network.
 - **name** - The name for the network.
 - **address** - The CIDR block for the network
 - **nat_config** - (Optional) The Network Address Translation configuration for the connection.
 - **enabled** - (Required) Is NAT enabled for this connection.
 - **mappings** - (Optional) List of NAT mapped CIDR address
 - * **native_cidr** - (Required) The native CIDR block to map.
 - **billing_term** - (Optional) The billing term for the connection: (Currently only HOURLY is supported.)
 - **high_availability** - (Optional) Whether a redundant gateway is/should be provisioned for this connection.
 - **peering_type** - (Optional) The peering type to use for the connection:
 - PRIVATE (Default)
 - PUBLIC
 - **cloud_service_hrefs** - (Optional) When PUBLIC peering is configured, a list of HREFs for the Public peering services to which we want access.
 - **tags** - (Optional) A dictionary of user defined key/value pairs to associate with this resource.

» Attributes

- **nat_config** - The Network Address Translation configuration for the connection.
 - **enabled** - Is NAT enabled for this connection.
 - **mappings** - List of NAT mapped CIDR address
 - * **native_cidr** - The native CIDR block to map.
 - * **nat_cidr** - The CIDR block use for NAT to the associated subnet.
 - **blocks** - List of reserved blocks for NAT.
 - **pnat_cidr** - CIDR use for PNAT between connections.
- **gateways** - List of cloud gateways and their configurations.
 - **name** - The name of the cloud gateway.

- `description` - The description of the cloud gateway.
- `availability_domain` - The availability domain of the cloud gateway. The valid values are `PRIMARY`, `SECONDARY`.
- `customer_asn` - The customer ASN used for BGP Peering.
- `customer_ip` - The assigned IP address to the customer side of the BGP Config.
- `pureport_asn` - The Pureport ASN used for BGP Peering.
- `pureport_ip` - The assigned IP address to the Pureport side of the BGP Config.
- `bgp_password` - The autogenerated BGP password used for authentication.
- `peering_subnet` - The BGP Config subnet assigned to establish BGP peering.
- `public_nat_ip` - The public facing IP Address for NAT used by this connection.
- `remote_id` - The ID of the AWS Direct Connect Connection.
- `vlan` - The VLAN id for the connection to cloud services.

The Pureport Guide,

» Resource: `pureport_azure_connection`

» Example Usage

```
data "pureport_accounts" "main" {
  filter {
    name = "Name"
    values = ["MyAccount"]
  }
}

data "pureport_locations" "main" {
  filter {
    name = "Name"
    values = ["Sea.*"]
  }
}

data "pureport_networks" "main" {
  account_href = data.pureport_accounts.main.accounts.0.href
  filter {
    name = "Name"
    values = ["MyNetwork"]
  }
}
```

```

}

resource "pureport_azure_connection" "main" {
  name = "AzureExpressRouteTest"
  description = "Some random description"
  speed = "100"
  high_availability = true

  location_href = data.pureport_locations.main.locations.0.href
  network_href = data.pureport_networks.main.networks.0.href

  service_key = "3166c9a8-1275-4e7b-bad2-0dc6db0c6e02"

  tags = {
    Environment = "production"
    Owner       = "Scott Pilgrim"
  }
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name for the connection
 - **location_href** - (Required) HREF for the Pureport Location to attach the connection.
 - **network_href** - (Required) HREF for the network to associate the connection.
 - **speed** - (Required) The maximum QoS for this connection. Valid values are 50, 100, 200, 300, 400, 500, 1000, 10000 in Mbps.
 - **service_key** - (Required) The Azure service key for the Express Route Circuit.
-
- **description** - (Optional) The description for the connection.
 - **customer_networks** - (Optional) A list of named CIDR block to easily identify a customer network.
 - **name** - The name for the network.
 - **address** - The CIDR block for the network
 - **nat_config** - (Optional) The Network Address Translation configuration for the connection.
 - **enabled** - (Required) Is NAT enabled for this connection.
 - **mappings** - (Optional) List of NAT mapped CIDR address
 - * **native_cidr** - (Required) The native CIDR block to map.

- **billing_term** - (Optional) The billing term for the connection: (Currently only HOURLY is supported.)
- **high_availability** - (Optional) Whether a redundant gateway is/should be provisioned for this connection.
- **peering_type** - (Optional) The peering type to use for the connection:
 - PRIVATE (Default)
 - PUBLIC
- **tags** - (Optional) A dictionary of user defined key/value pairs to associate with this resource.

» Attributes

- **nat_config** - The Network Address Translation configuration for the connection.
 - **enabled** - Is NAT enabled for this connection.
 - **mappings** - List of NAT mapped CIDR address
 - * **native_cidr** - (Required) The native CIDR block to map.
 - * **nat_cidr** - The CIDR block use for NAT to the associated subnet.
 - **blocks** - List of reserved blocks for NAT.
 - **pnat_cidr** - CIDR use for PNAT between connections.
- **gateways** - List of cloud gateways and their configurations.
 - **name** - The name of the cloud gateway.
 - **description** - The description of the cloud gateway.
 - **availability_domain** - The availability domain of the cloud gateway. The valid values are PRIMARY, SECONDARY.
 - **customer_asn** - The customer ASN used for BGP Peering.
 - **customer_ip** - The assigned IP address to the customer side of the BGP Config.
 - **pureport_asn** - The Pureport ASN used for BGP Peering.
 - **pureport_ip** - The assigned IP address to the Pureport side of the BGP Config.
 - **bgp_password** - The autogenerated BGP password used for authentication.
 - **peering_subnet** - The BGP Config subnet assigned to establish BGP peering.
 - **public_nat_ip** - The public facing IP Address for NAT used by this connection.
 - **remote_id** - The ID of the Azure Express Route.
 - **vlan** - The VLAN id for the connection to cloud services.

The Pureport Guide,

» Resource: pureport_google_cloud_connection

» Example Usage

```
data "pureport_accounts" "main" {
  filter {
    name = "Name"
    values = ["MyAccount"]
  }
}

data "pureport_locations" "main" {
  filter {
    name = "Name"
    values = ["Sea.*"]
  }
}

data "google_compute_network" "default" {
  name = "default"
}

resource "google_compute_router" "main" {
  name      = "terraform-acc-router-${count.index + 1}"
  network   = data.google_compute_network.default.name

  bgp {
    asn = "16550"
  }

  count = 2
}

resource "google_compute_interconnect_attachment" "main" {
  name      = "terraform-acc-interconnect-${count.index + 1}"
  router    = element(google_compute_router.main.*.self_link, count.index)
  type      = "PARTNER"
  edge_availability_domain = "AVAILABILITY_DOMAIN_${count.index + 1}"

  lifecycle {
    ignore_changes = ["vlan_tag8021q"]
  }

  count = 2
}
```

```

resource "pureport_google_cloud_connection" "main" {
  name = "GoogleCloudTest"
  speed = "50"

  location_href = data.pureport_locations.main.locations.0.href
  network_href = data.pureport_networks.main.networks.0.href

  primary_pairing_key = google_compute_interconnect_attachment.main.0.pairing_key

  tags = {
    Environment = "production"
    Owner       = "Scott Pilgrim"
  }
}

```

» Argument Reference

The following arguments are supported:

- **name** - (Required) The name for the connection
 - **location_href** - (Required) HREF for the Pureport Location to attach the connection.
 - **network_href** - (Required) HREF for the network to associate the connection.
 - **speed** - (Required) The maximum QoS for this connection. Valid values are 50, 100, 200, 300, 400, 500, 1000, 10000 in Mbps.
 - **primary_pairing_key** - (Required) The pairing key for the primary Google Cloud Interconnect Attachment.
-
- **description** - (Optional) The description for the connection.
 - **customer_networks** - (Optional) A list of named CIDR block to easily identify a customer network.
 - **name** - The name for the network.
 - **address** - The CIDR block for the network
 - **nat_config** - (Optional) The Network Address Translation configuration for the connection.
 - **enabled** - (Required) Is NAT enabled for this connection.
 - **mappings** - (Optional) List of NAT mapped CIDR address
 - * **native_cidr** - (Required) The native CIDR block to map.
 - **billing_term** - (Optional) The billing term for the connection: (Currently only HOURLY is supported.)
 - **high_availability** - (Optional) Whether a redundant gateway is/should be provisioned for this connection.

- **secondary_pairing_key** - (Optional) If HA is enabled, the pairing key for the backup Google Cloud Interconnect Attachment.
- **tags** - (Optional) A dictionary of user defined key/value pairs to associate with this resource.

» Attributes

- **nat_config** - The Network Address Translation configuration for the connection.
 - **enabled** - Is NAT enabled for this connection.
 - **mappings** - List of NAT mapped CIDR address
 - * **native_cidr** - (Required) The native CIDR block to map.
 - * **nat_cidr** - The CIDR block use for NAT to the associated subnet.
 - **blocks** - List of reserved blocks for NAT.
 - **pnat_cidr** - CIDR use for PNAT between connections.
- **gateways** - List of cloud gateways and their configurations.
 - **name** - The name of the cloud gateway.
 - **description** - The description of the cloud gateway.
 - **availability_domain** - The availability domain of the cloud gateway. The valid values are PRIMARY, SECONDARY.
 - **customer_asn** - The customer ASN used for BGP Peering.
 - **customer_ip** - The assigned IP address to the customer side of the BGP Config.
 - **pureport_asn** - The Pureport ASN used for BGP Peering.
 - **pureport_ip** - The assigned IP address to the Pureport side of the BGP Config.
 - **bgp_password** - The autogenerated BGP password used for authentication.
 - **peering_subnet** - The BGP Config subnet assigned to establish BGP peering.
 - **public_nat_ip** - N/A
 - **remote_id** - The ID of the Google Cloud Interconnect.
 - **remote_id** - The ID of the Google Cloud Interconnect.
 - **vlan** - The VLAN id for the connection to cloud services.

The Pureport Guide,

» Resource: pureport__site__vpn__connection

» Example Usage

```
data "pureport_accounts" "main" {
  filter {
    name = "Name"
    values = ["MyAccount"]
  }
}

data "pureport_locations" "main" {
  filter {
    name = "Name"
    values = ["^Sea*"]
  }
}

data "pureport_networks" "main" {
  account_href = data.pureport_accounts.main.accounts.0.href
  filter {
    name = "Name"
    values = ["MyNetwork"]
  }
}

resource "pureport_site_vpn_connection" "main" {
  name = "Some VPN Site"
  speed = "100"
  high_availability = true

  location_href = data.pureport_locations.main.locations.0.href
  network_href = data.pureport_networks.main.networks.0.href

  ike_version = "V2"

  routing_type = "ROUTE_BASED_BGP"
  customer_asn = 30000

  primary_customer_router_ip = "123.123.123.123"
  secondary_customer_router_ip = "124.124.124.124"

  tags = {
    Environment = "production"
    Owner       = "Scott Pilgrim"
  }
}
```



```
}  
}
```

» Argument Reference

The following arguments are supported:

- **auth_type** - (Optional) The Authentication Type to use. (Currently only PSK is supported.)
- **enable_bgp_password** - (Optional) Enable BGP password authentication. (Default: false)
- **ike_version** - (Required) the IKE Version to use. Valid values are V1, V2.
- **ike_config** - (Optional) IKE Configuration to use:
 - **esp** - Encapsulating Security Payload
 - * **dh_group** - Diffie-Hellman Group
 - * **encryption** - Encryption Algorithm
 - * **integrity** - Integrity Algorithm
 - **ike** - Internet Key Exchange
 - * **dh_group** - Diffie-Hellman Group
 - * **encryption** - Encryption Algorithm
 - * **integrity** - Integrity Algorithm
 - * **prf** - Pseudo Random Function
- **primary_customer_router_ip** - (Required)
- **primary_key** - (Optional)
- **routing_type** - (Required)
- **secondary_customer_router_ip** - (Optional)
- **secondary_key** - (Optional)
- **traffic_selectors** - (Optional) List of Traffic Selectors for Route Based VPN
 - **customer_side** - The customer side CIDR block
 - **pureport_side** - The Pureport side CIDR block
- **name** - (Required) The name for the connection
- **location_href** - (Required) HREF for the Pureport Location to attach the connection.
- **network_href** - (Required) HREF for the network to associate the connection.

- **speed** - (Required) The maximum QoS for this connection. Valid values are 50, 100, 200, 300, 400, 500, 1000, 10000 in Mbps.

-
- **description** - (Optional) The description for the connection.
 - **customer_networks** - (Optional) A list of named CIDR block to easily identify a customer network.
 - **name** - The name for the network.
 - **address** - The CIDR block for the network
 - **nat_config** - (Optional) The Network Address Translation configuration for the connection.
 - **enabled** - (Required) Is NAT enabled for this connection.
 - **mappings** - (Optional) List of NAT mapped CIDR address
 - * **native_cidr** - (Required) The native CIDR block to map.
 - **billing_term** - (Optional) The billing term for the connection: (Currently only HOURLY is supported.)
 - **high_availability** - (Optional) Whether a redundant gateway is/should be provisioned for this connection.
 - **tags** - (Optional) A dictionary of user defined key/value pairs to associate with this resource.

» Attributes

- **nat_config** - The Network Address Translation configuration for the connection.
 - **enabled** - Is NAT enabled for this connection.
 - **mappings** - List of NAT mapped CIDR address
 - * **native_cidr** - (Required) The native CIDR block to map.
 - * **nat_cidr** - The CIDR block use for NAT to the associated subnet.
 - **blocks** - List of reserved blocks for NAT.
 - **pnat_cidr** - CIDR use for PNAT between connections.
- **gateways** - List of cloud gateways and their configurations.
 - **name** - The name of the cloud gateway.
 - **description** - The description of the cloud gateway.
 - **availability_domain** - The availability domain of the cloud gateway. The valid values are PRIMARY, SECONDARY.
 - **customer_asn** - The customer ASN used for BGP Peering.
 - **customer_ip** - The assigned IP address to the customer side of the BGP Config.
 - **pureport_asn** - The Pureport ASN used for BGP Peering.
 - **pureport_ip** - The assigned IP address to the Pureport side of the BGP Config.

- **bgp_password** - The autogenerated BGP password used for authentication.
- **peering_subnet** - The BGP Config subnet assigned to establish BGP peering.
- **public_nat_ip** - The public facing IP Address for NAT used by this connection.
- **customer_gateway_ip** - The public IP address of the customers VPN equipment.
- **customer_vti_ip** - The assigned IP address to the customer side of the VTI tunnel.
- **pureport_gateway_ip** - The public IP address of the Pureport VPN gateway.
- **pureport_vti_ip** - The assigned IP address to the Pureport side of the VPN VTI tunnel.
- **vpn_auth_type** - The type of authentication used for the VPN Connection.
- **vpn_auth_key** - The Authentication Key used for the VPN Connection.

The Pureport Guide,