

Test- Result

Wednesday, 28 June 2023 7:37 PM

Case 1: add powerVs

```
resource "ibm_tg_connection" "test_pvs" {
  provider = ibm.staging
  gateway = data.ibm_tg_gateway.gw_test.id
  name = "testterraform-pvs-test123"
  network_type = "power_virtual_server"
  network_id = "crn:v1:staging:public:power-iaas:dal10:a/dd765275f5d44b459e1ebfbc764a8250:bfcf6167-2e10-49fa-a35d-2642181c3668::"
}
```

```
sushmitham@sushmithas-MacBook-Pro terraform % terraform apply
data.ibm_tg_gateway.gw_test: Reading...
data.ibm_tg_gateway.gw_test: Read complete after 5s [id=dae657e8-d6c0-48a5-921b-9250f7f920dc]
```

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:

```
+ create
<= read (data resources)
```

Terraform will perform the following actions:

```
# data.ibm_tg_gateway.gw_test123 will be read during apply
# (depends on a resource or a module with changes pending)
<= data "ibm_tg_gateway" "gw_test123" {
  + connections      = (known after apply)
  + created_at      = (known after apply)
  + crn              = (known after apply)
  + global          = (known after apply)
  + id              = (known after apply)
  + location        = (known after apply)
  + name            = "testterraform"
  + resource_group  = (known after apply)
  + status          = (known after apply)
  + updated_at      = (known after apply)
}

# ibm_tg_connection.test_pvs will be created
+ resource "ibm_tg_connection" "test_pvs" {
  + base_connection_id = (known after apply)
  + base_network_type = (known after apply)
  + connection_id     = (known after apply)
  + created_at        = (known after apply)
  + gateway           = "dae657e8-d6c0-48a5-921b-9250f7f920dc"
  + id                = (known after apply)
  + local_gateway_ip  = (known after apply)
  + local_tunnel_ip   = (known after apply)
  + name              = "testterraform-pvs-test123"
  + network_account_id = (known after apply)
  + network_id        = "crn:v1:staging:public:power-iaas:dal10:a/dd765275f5d44b459e1ebfbc764a8250:bfcf6167-2e10-49fa-a35d-2642181c3668::"
  + network_type      = "power_virtual_server"
  + related_crn       = (known after apply)
  + remote_bgp_asn    = (known after apply)
  + remote_gateway_ip = (known after apply)
  + remote_tunnel_ip  = (known after apply)
  + request_status     = (known after apply)
  + status            = (known after apply)
  + updated_at        = (known after apply)
  + zone              = (known after apply)
}

# time_sleep.wait_dl_connection will be created
+ resource "time_sleep" "wait_dl_connection" {
  + create_duration = "3m"
  + id              = (known after apply)
}
```

}

Plan: 2 to add, 0 to change, 0 to destroy.

Changes to Outputs:

+ gw_test_connections123 = (known after apply)

Do you want to perform these actions?

Terraform will perform the actions described above.
Only 'yes' will be accepted to approve.

Enter a value:

Apply complete! Resources: 2 added, 0 changed, 0 destroyed.

Outputs:

```
gw_test_connections123 = tolist([
  {
    "base_connection_id" = ""
    "base_network_type" = ""
    "created_at" = "2023-06-28T15:55:09.569Z"
    "id" = "08a19f7f-f422-4894-a405-43a97ddf4128"
    "local_bgp_asn" = 0
    "local_gateway_ip" = ""
    "local_tunnel_ip" = ""
    "mtu" = 0
    "name" = "testterraform-pvs-test123"
    "network_account_id" = "dd765275f5d44b459e1ebfbc764a8250"
    "network_id" = "crn:v1:staging:public:power-iaas:dal10:a/dd765275f5d44b459e1ebfbc764a8250:bfcf6167-2e10-49fa-a35d-2642181c3668:."
    "network_type" = "power_virtual_server"
    "remote_bgp_asn" = 0
    "remote_gateway_ip" = ""
    "remote_tunnel_ip" = ""
    "status" = "pending"
    "updated_at" = "2023-06-28T15:55:09.569Z"
    "zone" = ""
  },
])
ibm_tg_gateway1 = {
  "connections" = tolist([])
  "created_at" = "2023-06-28T11:48:50.727Z"
  "crn" = "crn:v1:staging:public:transit:us-south:a/3aa0a4551a1a46258064d84f7f447920::gateway:dae657e8-d6c0-48a5-921b-9250f7f920dc"
  "global" = false
  "id" = "dae657e8-d6c0-48a5-921b-9250f7f920dc"
  "location" = "us-south"
  "name" = "testterraform"
  "resource_group" = "8d615893e4a94a478e8a70a337c161f7"
  "status" = "available"
  "updated_at" = "2023-06-28T11:50:06.387Z"
}
sushmitham@sushmithas-MacBook-Pro terraform %
```

Case 2 : update (only name can be updated)

```
resource "ibm_tg_connection" "test_pvs" {
  provider = ibm.staging
  gateway = data.ibm_tg_gateway.gw_test.id
  name = "testterraform-pvs-test123_updated"
  network_type = "power_virtual_server"
  network_id = "crn:v1:staging:public:power-iaas:dal10:a/dd765275f5d44b459e1ebfbc764a8250:bfcf6167-2e10-49fa-a35d-2642181c3668:."
}
```

```
sushmitham@sushmithas-MacBook-Pro terraform % terraform apply
time_sleep.wait_dl_connection: Refreshing state... [id=2023-06-28T15:58:00Z]
data.ibm_tg_gateway.gw_test123: Reading...
```

```

data.ibm_tg_gateway.gw_test: Reading...
data.ibm_tg_gateway.gw_test123: Read complete after 8s [id=dae657e8-d6c0-48a5-921b-9250f7f920dc]
data.ibm_tg_gateway.gw_test: Read complete after 8s [id=dae657e8-d6c0-48a5-921b-9250f7f920dc]
ibm_tg_connection.test_pvs: Refreshing state... [id=dae657e8-d6c0-48a5-921b-9250f7f920dc/08a19f7f-f422-4894-a405-43a97ddf4128]

```

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:

~ update in-place

Terraform will perform the following actions:

```

# ibm_tg_connection.test_pvs will be updated in-place
~ resource "ibm_tg_connection" "test_pvs" {
  id          = "dae657e8-d6c0-48a5-921b-9250f7f920dc/08a19f7f-f422-4894-a405-43a97ddf4128"
  ~ name      = "testterraform-pvs-test123" -> "testterraform-pvs-test123_updated"
  # (10 unchanged attributes hidden)
}

```

Plan: 0 to add, 1 to change, 0 to destroy.

Apply complete! Resources: 0 added, 1 changed, 0 destroyed.

Outputs:

```

gw_test_connections123 = tolist([
  {
    "base_connection_id" = ""
    "base_network_type" = ""
    "created_at" = "2023-06-28T15:55:09.569Z"
    "id" = "08a19f7f-f422-4894-a405-43a97ddf4128"
    "local_bgp_asn" = 0
    "local_gateway_ip" = ""
    "local_tunnel_ip" = ""
    "mtu" = 0
    "name" = "testterraform-pvs-test123_updated"
    "network_account_id" = "dd765275f5d44b459e1ebfbc764a8250"
    "network_id" = "crn:v1:staging:public:power-iaas:dal10:a/dd765275f5d44b459e1ebfbc764a8250:bfcf6167-2e10-49fa-a35d-2642181c3668::"
    "network_type" = "power_virtual_server"
    "remote_bgp_asn" = 0
    "remote_gateway_ip" = ""
    "remote_tunnel_ip" = ""
    "status" = "pending"
    "updated_at" = "2023-06-28T15:55:09.569Z"
    "zone" = ""
  },
])
ibm_tg_gateway1 = {
  "connections" = tolist([
    {
      "base_connection_id" = ""
      "base_network_type" = ""
      "created_at" = "2023-06-28T15:55:09.569Z"
      "id" = "08a19f7f-f422-4894-a405-43a97ddf4128"
      "local_bgp_asn" = 0
      "local_gateway_ip" = ""
      "local_tunnel_ip" = ""
      "mtu" = 0
      "name" = "testterraform-pvs-test123_updated"
      "network_account_id" = "dd765275f5d44b459e1ebfbc764a8250"
      "network_id" = "crn:v1:staging:public:power-iaas:dal10:a/dd765275f5d44b459e1ebfbc764a8250:bfcf6167-2e10-49fa-a35d-2642181c3668::"
      "network_type" = "power_virtual_server"
      "remote_bgp_asn" = 0
      "remote_gateway_ip" = ""
      "remote_tunnel_ip" = ""
      "status" = "pending"
    }
  ])
}

```

```

    "updated_at" = "2023-06-28T15:55:09.569Z"
    "zone" = ""
  },
])
"created_at" = "2023-06-28T11:48:50.727Z"
"crn" = "crn:v1:staging:public:transit:us-
south:a/3aa0a4551a1a46258064d84f7f447920::gateway:dae657e8-d6c0-48a5-921b-
9250f7f920dc"
"global" = false
"id" = "dae657e8-d6c0-48a5-921b-9250f7f920dc"
"location" = "us-south"
"name" = "testterraform"
"resource_group" = "8d615893e4a94a478e8a70a337c161f7"
"status" = "available"
"updated_at" = "2023-06-28T11:50:06.387Z"
}
sushmitham@sushmithas-MacBook-Pro terraform %

```

Case 3: delete

```

sushmitham@sushmithas-MacBook-Pro terraform % terraform apply
time_sleep.wait_dl_connection: Refreshing state... [id=2023-06-28T15:58:00Z]
data.ibm_tg_gateway.gw_test: Reading...
data.ibm_tg_gateway.gw_test123: Reading...
ibm_tg_connection.test_pvs: Refreshing state... [id=dae657e8-d6c0-48a5-921b-
9250f7f920dc/08a19f7f-f422-4894-a405-43a97ddf4128]
data.ibm_tg_gateway.gw_test123: Read complete after 6s [id=dae657e8-d6c0-48a5-
921b-9250f7f920dc]
data.ibm_tg_gateway.gw_test: Read complete after 8s [id=dae657e8-d6c0-48a5-921b-
9250f7f920dc]

```

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:

- destroy

Terraform will perform the following actions:

```

# ibm_tg_connection.test_pvs will be destroyed
# (because ibm_tg_connection.test_pvs is not in configuration)
- resource "ibm_tg_connection" "test_pvs" {
  - connection_id      = "08a19f7f-f422-4894-a405-43a97ddf4128" -> null
  - created_at        = "2023-06-28T15:55:09.569Z" -> null
  - gateway           = "dae657e8-d6c0-48a5-921b-9250f7f920dc" -> null
  - id                = "dae657e8-d6c0-48a5-921b-9250f7f920dc/08a19f7f-f422-
4894-a405-43a97ddf4128" -> null
  - name              = "testterraform-pvs-test123_updated" -> null
  - network_account_id = "dd765275f5d44b459e1ebfbc764a8250" -> null
  - network_id        = "crn:v1:staging:public:power-
iaas:dal10:a/dd765275f5d44b459e1ebfbc764a8250:bfcf6167-2e10-49fa-a35d-
2642181c3668::" -> null
  - network_type      = "power_virtual_server" -> null
  - related_crn       = "crn:v1:staging:public:transit:us-
south:a/3aa0a4551a1a46258064d84f7f447920::gateway:dae657e8-d6c0-48a5-921b-
9250f7f920dc" -> null
  - request_status    = "pending" -> null
  - status            = "pending" -> null
  - updated_at        = "2023-06-28T15:59:59.309Z" -> null
}

```

Plan: 0 to add, 0 to change, 1 to destroy.

```

ibm_tg_connection.test_pvs: Destroying... [id=dae657e8-d6c0-48a5-921b-
9250f7f920dc/08a19f7f-f422-4894-a405-43a97ddf4128]
ibm_tg_connection.test_pvs: Still destroying... [id=dae657e8-d6c0-48a5-921b-
9250f7f920dc/08a19f7f-f422-4894-a405-43a97ddf4128, 10s elapsed]
ibm_tg_connection.test_pvs: Destruction complete after 15s

```

Apply complete! Resources: 0 added, 0 changed, 1 destroyed.

```
gw_test_connections123 = tolist([])
ibm_tg_gateway1 = {
  "connections" = tolist([])
  "created_at" = "2023-06-28T11:48:50.727Z"
  "crn" = "crn:v1:staging:public:transit:us-
south:a/3aa0a4551a1a46258064d84f7f447920::gateway:dae657e8-d6c0-48a5-921b-
9250f7f920dc"
  "global" = false
  "id" = "dae657e8-d6c0-48a5-921b-9250f7f920dc"
  "location" = "us-south"
  "name" = "testterraform"
  "resource_group" = "8d615893e4a94a478e8a70a337c161f7"
  "status" = "available"
  "updated_at" = "2023-06-28T11:50:06.387Z"
}
```