VNET/VM PEERING AND COMMUNICATION

Private IP address   : 10.20.0.4

kingscanyonVM (1) - 132.196.8.161:3389 - Remote Desktop Connection

Private IP address   : 10.0.0.4

edistrictVM (2) - 4.246.145.132:3389 - Remote Desktop Connection

Private IP address   : 10.30.0.4

olympusVM (1) - 172.184.131.36:3389 - Remote Desktop Connection

PEERING CONNECTIONS TO ALL 3:

☐	Olympus-to-District	✅ Fully Synchronized	✅ Connected	olympus...	Disabled	No
☐	District-to-Canyon	✅ Fully Synchronized	✅ Connected	kingscan...	Disabled	No
☐	Canyon-to-District	✅ Fully Synchronized	✅ Connected	edistrict...	Disabled	No
☐	Canyon-to-Olympus	✅ Fully Synchronized	✅ Connected	olympus...	Disabled	No

CANYON TO E-DISTRICT E- DISTRICT TO CANYON:

```
C:\Users\ssjuser>ping 10.20.0.4

Pinging 10.20.0.4 with 32 bytes of data:
Reply from 10.20.0.4: bytes=32 time=37ms TTL=128
Reply from 10.20.0.4: bytes=32 time=37ms TTL=128
Reply from 10.20.0.4: bytes=32 time=36ms TTL=128
Reply from 10.20.0.4: bytes=32 time=36ms TTL=128

Ping statistics for 10.20.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 36ms, Maximum = 37ms, Average = 36ms

C:\Users\ssjuser>
```

```
C:\Users\ssjuser>ping 10.0.0.4

Pinging 10.0.0.4 with 32 bytes of data:
Reply from 10.0.0.4: bytes=32 time=41ms TTL=128
Reply from 10.0.0.4: bytes=32 time=42ms TTL=128
Reply from 10.0.0.4: bytes=32 time=36ms TTL=128
Reply from 10.0.0.4: bytes=32 time=36ms TTL=128

Ping statistics for 10.0.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 36ms, Maximum = 42ms, Average = 38ms
```

CANYON >>> OLYMPUS - OLYMPUS >>> CANYON:

```
C:\Users\ssjuser>ping 10.30.0.4

Pinging 10.30.0.4 with 32 bytes of data:
Reply from 10.30.0.4: bytes=32 time=45ms TTL=128
Reply from 10.30.0.4: bytes=32 time=38ms TTL=128
Reply from 10.30.0.4: bytes=32 time=38ms TTL=128
Reply from 10.30.0.4: bytes=32 time=38ms TTL=128

Ping statistics for 10.30.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 38ms, Maximum = 45ms, Average = 39ms
```

```
C:\Users\ssjuser>ping 10.20.0.4

Pinging 10.20.0.4 with 32 bytes of data:
Reply from 10.20.0.4: bytes=32 time=39ms TTL=128
Reply from 10.20.0.4: bytes=32 time=38ms TTL=128
Reply from 10.20.0.4: bytes=32 time=38ms TTL=128
Reply from 10.20.0.4: bytes=32 time=38ms TTL=128

Ping statistics for 10.20.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 38ms, Maximum = 39ms, Average = 38ms
```

OLYMPUS >> E-DISTRICT - E-DISTRICT >> OLYMPUS:

```
C:\Users\ssjuser>ping 10.30.0.4

Pinging 10.30.0.4 with 32 bytes of data:
Reply from 10.30.0.4: bytes=32 time=73ms TTL=128
Reply from 10.30.0.4: bytes=32 time=72ms TTL=128
Reply from 10.30.0.4: bytes=32 time=72ms TTL=128
Reply from 10.30.0.4: bytes=32 time=72ms TTL=128

Ping statistics for 10.30.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 72ms, Maximum = 73ms, Average = 72ms
```

```
C:\Users\ssjuser>ping 10.0.0.4

Pinging 10.0.0.4 with 32 bytes of data:
Reply from 10.0.0.4: bytes=32 time=73ms TTL=128
Reply from 10.0.0.4: bytes=32 time=72ms TTL=128
Reply from 10.0.0.4: bytes=32 time=72ms TTL=128
Reply from 10.0.0.4: bytes=32 time=72ms TTL=128

Ping statistics for 10.0.0.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 72ms, Maximum = 73ms, Average = 72ms
```

THIS DEMONSTRATION PROVES ALL VNETS CAN COMMUNICATE WITH EACH OTHER

olympusVNET   edistrictVNET

kingscanyonVNET