

R2

R3

R1 (DMVPN Hub/NHS)

R2 (DMVPN Spoke)

dmvpn\_phase3\_flow.pcapng

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
ID Identifier (BE)	9 (0x0009)
Sequence Number (BE)	0 (0x0000)

Frame 1 |  
2020-05-01T15:40:52.960616Z

NHRP Traffic Indication

Source NBMA Address	203.0.113.1
Source Protocol Address	10.0.123.1
Destination Protocol Address	10.0.0.2

Frame 2 |  
2020-05-01T15:40:52.961069Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
ID Identifier (BE)	9 (0x0009)
Sequence Number (BE)	0 (0x0000)

Frame 3 |  
2020-05-01T15:40:52.961965Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
ID Identifier (BE)	9 (0x0009)
Sequence Number (BE)	1 (0x0001)

Frame 4 |  
2020-05-01T15:40:52.967033Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
ID Identifier (BE)	9 (0x0009)
Sequence Number (BE)	1 (0x0001)

Frame 5 |  
2020-05-01T15:40:52.96748Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
ID Identifier (BE)	9 (0x0009)
Sequence Number (BE)	2 (0x0002)

Frame 6 |  
2020-05-01T15:40:52.972118Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
ID Identifier (BE)	9 (0x0009)
Sequence Number (BE)	2 (0x0002)

Frame 7 |  
2020-05-01T15:40:52.972753Z

NHRP Resolution Request

Request ID	0x00000004 (4)
Source NBMA Address	198.51.100.3
Source Protocol Address	10.0.123.3
Destination Protocol Address	10.0.0.2

Frame 8 |  
2020-05-01T15:40:52.978241Z

NHRP Resolution Request

Request ID	0x00000001 (1)
Source NBMA Address	192.0.2.2
Source Protocol Address	10.0.123.2
Destination Protocol Address	10.0.0.3

Frame 9 |  
2020-05-01T15:40:52.978415Z

NHRP Resolution Reply

Request ID	0x00000001 (1)
Source Protocol Address	10.0.123.2
Destination Protocol Address	10.0.0.3
Code	Success (0)
Client NBMA Address	198.51.100.3
Client Protocol Address	10.0.123.3
Code	Success (0)
Client NBMA Address	198.51.100.3
Client Protocol Address	10.0.123.3
Code	Success (0)

Frame 10 |  
2020-05-01T15:40:52.978938Z

**R2**

**R3**

**R1 (DMVPN Hub/NHS)**

**R2 (DMVPN Spoke)**

Client NBMA Address	203.0.113.1
Client Protocol Address	10.0.123.1
Code	Success (0)
Client NBMA Address	203.0.113.1
Client Protocol Address	10.0.123.1

✓ NHRP Resolution Reply

Request ID	0x00000004 (4)
Source Protocol Address	10.0.123.3
Destination Protocol Address	10.0.0.2
Code	Success (0)
Client NBMA Address	192.0.2.2
Client Protocol Address	10.0.123.2
Code	Success (0)
Client NBMA Address	192.0.2.2
Client Protocol Address	10.0.123.2
Code	Success (0)
Client NBMA Address	203.0.113.1
Client Protocol Address	10.0.123.1

Frame 11 |  
2020-05-01T15:40:52.979133Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
Identifier (BE)	9 (0x0009)
Sequence Number (BE)	3 (0x0003)

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
Identifier (BE)	9 (0x0009)
Sequence Number (BE)	3 (0x0003)

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
Identifier (BE)	9 (0x0009)
Sequence Number (BE)	4 (0x0004)

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
Identifier (BE)	9 (0x0009)
Sequence Number (BE)	4 (0x0004)

Frame 12 |  
2020-05-01T15:40:52.979532Z

Frame 13 |  
2020-05-01T15:40:52.980222Z

Frame 14 |  
2020-05-01T15:40:52.98516Z

Frame 15 |  
2020-05-01T15:40:52.98544Z