

R2

R3

R1 (DMVPN Hub/NHS)

R2 (DMVPN Spoke)

dmvpn\_phase2\_flow.pcapng

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	0 (0x0000)

Frame 1 |  
2020-05-01T15:37:05.22935Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	0 (0x0000)

Frame 2 |  
2020-05-01T15:37:05.23022Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	1 (0x0001)

Frame 3 |  
2020-05-01T15:37:05.23531Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	1 (0x0001)

Frame 4 |  
2020-05-01T15:37:05.23632Z

NHRP Resolution Request

Request ID	0x00000003 (3)
Source NBMA Address	198.51.100.3
Source Protocol Address	10.0.123.3
Destination Protocol Address	10.0.123.2

Frame 5 |  
2020-05-01T15:37:05.241396Z

NHRP Resolution Reply

Request ID	0x00000003 (3)
Source Protocol Address	10.0.123.3
Destination 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	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 6 |  
2020-05-01T15:37:05.241986Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	2 (0x0002)

Frame 7 |  
2020-05-01T15:37:05.242477Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	2 (0x0002)

Frame 8 |  
2020-05-01T15:37:05.243121Z

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	3 (0x0003)

Frame 9 |  
2020-05-01T15:37:05.24768Z

GRE IP

Key	0x0001e0f3
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Frame 10 |  
2020-05-01T15:37:05.248296Z

R2

R3

R1 (DMVPN Hub/NHS)

R2 (DMVPN Spoke)

Inner	Echo (ping) reply
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	3 (0x0003)

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) request
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	4 (0x0004)

GRE IP

Key	0x0001e0f3
Inner	Echo (ping) reply
ID Identifier (BE)	7 (0x0007)
Sequence Number (BE)	4 (0x0004)

Frame 11 |  
2020-05-01T15:37:05.25312Z

Frame 12 |  
2020-05-01T15:37:05.253899Z