

**R4**

**R1 (GETVPN KS)**

**R3 (GETVPN GM)**

**R5 (GETVPN GM)**

**GDOI Multicast**

espnull\_getvpn\_tunnel.pcapng

**IKE\_SA\_INIT**

ID Message ID	0x00000000
Protocol ID	IKE (1)
Transform Type	Encryption Algorithm (ENCR) (1)
Transform Type	Pseudo-random Function (PRF) (2)
Transform Type	Integrity Algorithm (INTEG) (3)
Transform Type	Diffie-Hellman Group (D-H) (4)
DH Group #	384-bit random ECP group (20)
Notify Message Type	NAT_DETECTION_SOURCE_IP (16388)
Notify Message Type	NAT_DETECTION_DESTINATION_IP (16389)

Frame 1 |  
2020-08-09T13:15:39.497763Z

**IKE\_SA\_INIT**

ID Message ID	0x00000000
Protocol ID	IKE (1)
Transform Type	Encryption Algorithm (ENCR) (1)
Transform Type	Pseudo-random Function (PRF) (2)
Transform Type	Integrity Algorithm (INTEG) (3)
Transform Type	Diffie-Hellman Group (D-H) (4)
DH Group #	384-bit random ECP group (20)
Notify Message Type	NAT_DETECTION_SOURCE_IP (16388)
Notify Message Type	NAT_DETECTION_DESTINATION_IP (16389)

Frame 2 |  
2020-08-09T13:15:39.515322Z

**GSA\_AUTH**

ID Message ID	0x00000001
---------------	------------

Frame 3 |  
2020-08-09T13:15:39.52454Z

**GSA\_AUTH**

ID Message ID	0x00000001
---------------	------------

Frame 4 |  
2020-08-09T13:15:39.530446Z

**ESP SPI 0xe9d9634b**

ESP Sequence	33
Inner	Echo (ping) request
ID Identifier (BE)	3 (0x0003)
Sequence Number (BE)	0 (0x0000)

Frame 5 |  
2020-08-09T13:16:00.781973Z

**ESP SPI 0xe9d9634b**

ESP Sequence	1
Inner	Echo (ping) reply
ID Identifier (BE)	3 (0x0003)
Sequence Number (BE)	0 (0x0000)

Frame 6 |  
2020-08-09T13:16:00.788155Z

**ESP SPI 0xe9d9634b**

ESP Sequence	34
Inner	Echo (ping) request
ID Identifier (BE)	3 (0x0003)
Sequence Number (BE)	1 (0x0001)

Frame 7 |  
2020-08-09T13:16:00.799877Z

**ESP SPI 0xe9d9634b**

ESP Sequence	2
Inner	Echo (ping) reply
ID Identifier (BE)	3 (0x0003)
Sequence Number (BE)	1 (0x0001)

Frame 8 |  
2020-08-09T13:16:00.806421Z

**ESP SPI 0xe9d9634b**

Frame 9 |  
2020-08-09T13:16:00.807909Z



