

R9

R10

bgp_v4m_ebgp_init.pcapng

BGP OPEN

Frame 1 |
2020-07-29T18:06:15.572768Z

ID My AS	500
Hold Time	180
ID BGP Identifier	198.51.100.1
Capability	Multiprotocol extensions capability
AFI	IPv4 (1)
SAFI	Multicast (2)
Capability	Multiprotocol extensions capability
AFI	IPv4 (1)
SAFI	Unicast (1)
Capability	Route Refresh Capability (Cisco)
Capability	Route refresh capability
Capability	Enhanced route refresh capability
Capability	Support for 4-octet AS number capability

BGP OPEN

Frame 2 |
2020-07-29T18:06:15.573216Z

ID My AS	200
Hold Time	180
ID BGP Identifier	203.0.113.1
Capability	Multiprotocol extensions capability
AFI	IPv4 (1)
SAFI	Multicast (2)
Capability	Multiprotocol extensions capability
AFI	IPv4 (1)
SAFI	Unicast (1)
Capability	Route Refresh Capability (Cisco)
Capability	Route refresh capability
Capability	Enhanced route refresh capability
Capability	Support for 4-octet AS number capability

BGP KEEPALIVE

Frame 3 |
2020-07-29T18:06:15.573289Z

BGP KEEPALIVE

Frame 4 |
2020-07-29T18:06:15.573656Z

BGP ROUTE-REFRESH

Frame 5 |
2020-07-29T18:06:15.57377Z

BGP KEEPALIVE

Frame 6 |
2020-07-29T18:06:15.575718Z

BGP UPDATE

Frame 7 |
2020-07-29T18:06:15.57575Z

<input checked="" type="checkbox"/> MP_REACH_NLRI	
Address family identifier (AFI)	IPv4 (1)
Subsequent address family identifier (SAFI)	Multicast (2)
Next hop	10.9.10.9
Path Attribute - ORIGIN	IGP
AS_PATH	500
NEXT_HOP	10.9.10.9
Path Attribute - MULTI_EXIT_DISC	0

BGP UPDATE

<input type="checkbox"/> MP_UNREACH_NLRI (Withdraw)	
Address family identifier (AFI)	IPv4 (1)
Subsequent address family identifier (SAFI)	Multicast (2)

BGP UPDATE

Frame 8 |
2020-07-29T18:06:15.575775Z

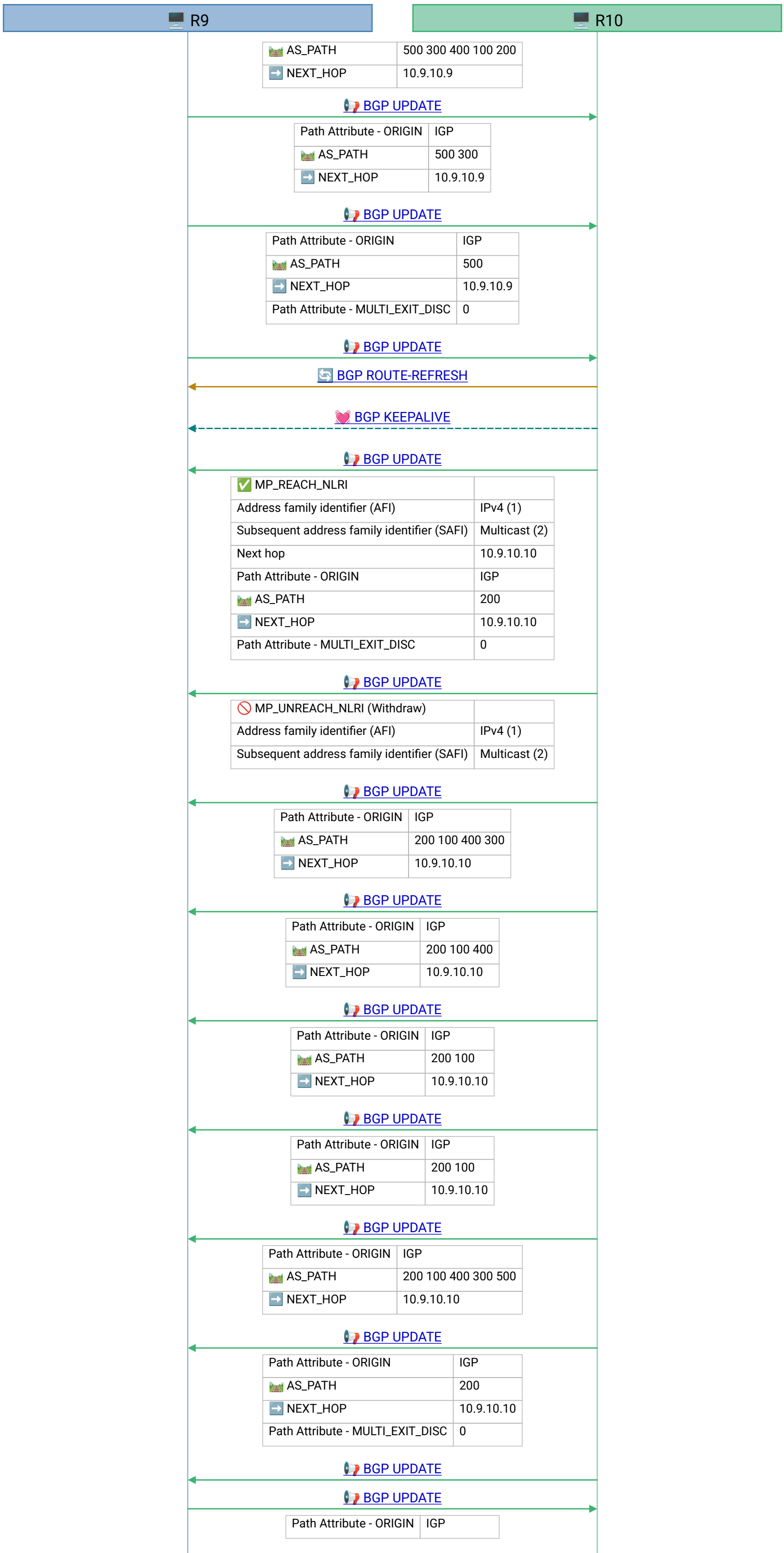
Path Attribute - ORIGIN	IGP
AS_PATH	500 300 400
NEXT_HOP	10.9.10.9

BGP UPDATE

Path Attribute - ORIGIN	IGP
AS_PATH	500 300 400 100
NEXT_HOP	10.9.10.9

BGP UPDATE

Path Attribute - ORIGIN	IGP
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Frame 9 |
2020-07-29T18:06:15.575809Z

Frame 10 |
2020-07-29T18:06:15.575862Z

Frame 11 |
2020-07-29T18:06:15.575871Z

Frame 12 |
2020-07-29T18:06:15.575892Z

Frame 13 |
2020-07-29T18:06:40.300532Z

R9

R10

AS_PATH	500 200 100
NEXT_HOP	10.9.10.9

BGP UPDATE

Path Attribute - ORIGIN	IGP
AS_PATH	500 200
NEXT_HOP	10.9.10.9

BGP UPDATE

Path Attribute - ORIGIN	IGP
AS_PATH	200 500 300
NEXT_HOP	10.9.10.10

BGP UPDATE

Path Attribute - ORIGIN	IGP
AS_PATH	200 500
NEXT_HOP	10.9.10.10

Frame 14 |
2020-07-29T18:06:46.345712Z