

R9

R10

bgp_v6m_ebgp_init.pcapng

BGP OPEN

Frame 1 |
2020-07-29T18:06:32.06854Z

ID My AS	500
Hold Time	180
ID BGP Identifier	198.51.100.1
Capability	Multiprotocol extensions capability
AFI	IPv6 (2)
SAFI	Multicast (2)
Capability	Multiprotocol extensions capability
AFI	IPv6 (2)
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 |
2020-07-29T18:06:32.069217Z

ID My AS	200
Hold Time	180
ID BGP Identifier	203.0.113.1
Capability	Multiprotocol extensions capability
AFI	IPv6 (2)
SAFI	Multicast (2)
Capability	Multiprotocol extensions capability
AFI	IPv6 (2)
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 |
2020-07-29T18:06:32.069302Z

BGP KEEPALIVE

Frame 4 |
2020-07-29T18:06:32.070038Z

BGP ROUTE-REFRESH

Frame 5 |
2020-07-29T18:06:32.070059Z

BGP KEEPALIVE

Frame 6 |
2020-07-29T18:06:32.074509Z

BGP UPDATE

Frame 7 |
2020-07-29T18:06:32.074528Z

✓ MP_REACH_NLRI	
Address family identifier (AFI)	IPv6 (2)
Subsequent address family identifier (SAFI)	Multicast (2)
Next hop	IPv6=fc00:10:9:10::9 Link-local=fe80::9
Path Attribute - ORIGIN	IGP
AS_PATH	500
Path Attribute - MULTI_EXIT_DISC	0

BGP UPDATE

⊘ MP_UNREACH_NLRI (Withdraw)	
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BGP UPDATE

Frame 8 |
2020-07-29T18:06:32.074532Z

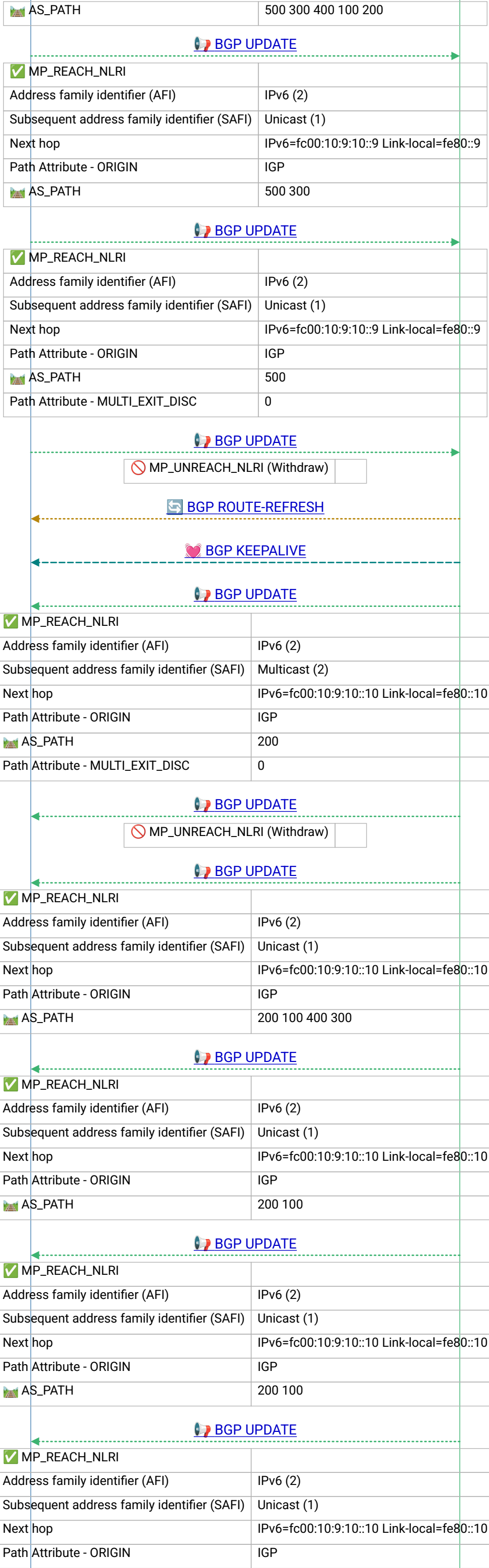
✓ MP_REACH_NLRI	
Address family identifier (AFI)	IPv6 (2)
Subsequent address family identifier (SAFI)	Unicast (1)
Next hop	IPv6=fc00:10:9:10::9 Link-local=fe80::9
Path Attribute - ORIGIN	IGP
AS_PATH	500 300 400 100

BGP UPDATE

✓ MP_REACH_NLRI	
Address family identifier (AFI)	IPv6 (2)
Subsequent address family identifier (SAFI)	Unicast (1)
Next hop	IPv6=fc00:10:9:10::9 Link-local=fe80::9
Path Attribute - ORIGIN	IGP

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Frame 9 |
2020-07-29T18:06:32.075122Z

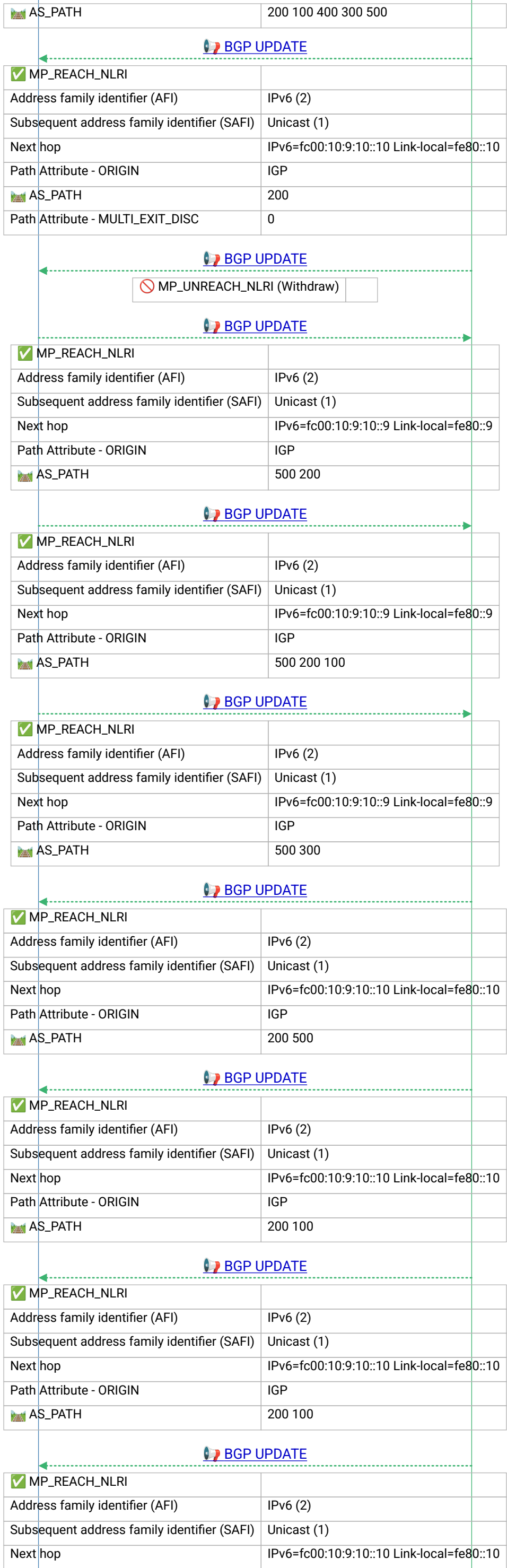
Frame 10 |
2020-07-29T18:06:32.075158Z

Frame 11 |
2020-07-29T18:06:32.075166Z

Frame 12 |
2020-07-29T18:06:32.075172Z

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Frame 13 | 2020-07-29T18:06:40.300509Z

Frame 14 | 2020-07-29T18:06:46.345519Z

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Path Attribute - ORIGIN	IGP
AS_PATH	200 500 300
 BGP UPDATE	
<input checked="" type="checkbox"/> MP_REACH_NLRI	
Address family identifier (AFI)	IPv6 (2)
Subsequent address family identifier (SAFI)	Multicast (2)
Next hop	IPv6=fc00:10:9:10::10 Link-local=fe80::10
Path Attribute - ORIGIN	IGP
AS_PATH	200
Path Attribute - MULTI_EXIT_DISC	0

Frame 15 |
2020-07-29T18:07:02.800681Z