

## pfSense Packages - Bug #10935

### FRR 0.6.7-6 - BGPD service recycled IPv6 without Route Map

09/28/2020 08:13 AM - Jeremy Peterson

<b>Status:</b>	New	<b>Start date:</b>	09/28/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	FRR	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected Architecture:</b>	
<b>Affected Version:</b>			

#### Description

[https://forum.netgate.com/topic/157120/frr-0-6-7\\_6-bgp-won-t-start-without-route-map-ipv6-unicast?\\_id=1601149473142](https://forum.netgate.com/topic/157120/frr-0-6-7_6-bgp-won-t-start-without-route-map-ipv6-unicast?_id=1601149473142)

Above is my forum post.

As explained above. BGPd will not start unless all Networks to Distribute have valid Route Map defined.

But I am sharing IPv6 with BGPd and it seems that if I define a Route Map to the v6 networks BGPd will not redistribute the route.

[https://forum.netgate.com/topic/157104/frr-0-6-7\\_6-bgp-ipv6-advertised-routes](https://forum.netgate.com/topic/157104/frr-0-6-7_6-bgp-ipv6-advertised-routes)

I don't mind not defining a Route Map for IPv6 sharing but if the service will not start cleanly on a reboot that is a big problem.

To resolve the service not starting I navigate to pkg\_edit.php?xml=frr/frr\_bgp.xml and define a Route Map for the IPv6 networks to distribute and click save.

I then see the BGPd service is running and I have a valid IPv6 peer to my router but there will be no advertised-routes showed when I issue this command to see the status of my peering via vtysh.

```
show bgp ipv6 neighbors 2606:0000:a120:5::13 advertised-routes
```

Now that the service is running if I go back to pkg\_edit.php?xml=frr/frr\_bgp.xml and remove the Route-Map defined for the IPv6 networks to distribute and click save the service will stay running and I will now see the advertised routes in vtysh.

I have recreated this on a second pfsense.

2.4.5-RELEASE-p1 (amd64)

frr 0.6.7\_6

To recreate it yourself create and ipv6 peer in BGP and share a network from pfSense to your peer.

#### History

#1 - 09/28/2020 08:42 AM - Jim Pingle

- Category set to FRR