

pfSense Packages - Bug #11031

FRR: PHP error in frr_bgp.inc

11/03/2020 05:43 PM - Steve Wheeler

Status:	Resolved	Start date:	11/03/2020
Priority:	Normal	Due date:	
Assignee:	Jim Pingle	% Done:	0%
Category:	FRR	Estimated time:	0.00 hour
Target version:	2.5.0		
Affected Version:	2.5.x	Affected Architecture:	All

Description

I am seeing an error at boot triggered by FRR:

Crash report begins. Anonymous machine information:

```
amd64
12.2-STABLE
FreeBSD 12.2-STABLE 2841d41b090 (devel-12) pfSense
```

Crash report details:

PHP Errors:

```
[03-Nov-2020 22:11:14 Europe/London] PHP Warning: Invalid argument supplied for foreach() in /usr/local/pkg/frr/inc/frr_bgp.inc on line 454
```

Testing pkg 0.6.8_7 in:

```
2.5.0-DEVELOPMENT (amd64)
built on Tue Nov 03 13:01:01 EST 2020
FreeBSD 12.2-STABLE
```

Config triggering this is:

```
<frr>
  <config>
    <enable>on</enable>
    <password><![CDATA[password2]]></password>
    <carpstatusvid>none</carpstatusvid>
    <logging></logging>
    <routerid>172.21.16.167</routerid>
    <ignoreipsecrestart></ignoreipsecrestart>
    <enablesnmpagentx></enablesnmpagentx>
    <row>
      <routevalue></routevalue>
      <routetarget>none</routetarget>
    </row>
  </config>
</frr>
<frrbgp>
  <config>
    <enable>on</enable>
```

```

<adjacencylog>on</adjacencylog>
<asnum>60001</asnum>
<routerid></routerid>
<timers_keepalive></timers_keepalive>
<timers_holdtime></timers_holdtime>
<timers_updatedelay></timers_updatedelay>
<timers_peerwait></timers_peerwait>
<nodefipv4unicast></nodefipv4unicast>
<enablesnmpagentx></enablesnmpagentx>
<enablerpki></enablerpki>
<rpkipollingperiod></rpkipollingperiod>
<rpkiexpireinterval></rpkiexpireinterval>
<rpkiretryinterval></rpkiretryinterval>
<redistributeconnectedsubnets>ipv4</redistributeconnectedsubnets>
<redistributestatic>no</redistributestatic>
<redistributekernel>no</redistributekernel>
<redistributeospf>no</redistributeospf>
<row>
  <distributeroutevalue></distributeroutevalue>
  <distributeroutemap>none</distributeroutemap>
</row>
</config>
</frrbgp>
<frrbgpneighbors>
  <config>
    <peer>172.21.16.180</peer>
    <descr><![CDATA[244dev]]></descr>
    <peergroup>none</peergroup>
    <password></password>
    <password_type><![CDATA[none]]></password_type>
    <asnum>60001</asnum>
    <updatesource_type>ipv4</updatesource_type>
    <updatesource>default</updatesource>
    <defaultoriginate>no</defaultoriginate>
    <sendcommunity>disabled</sendcommunity>
    <nexthopself>disabled</nexthopself>
    <softreconfigurationinbound></softreconfigurationinbound>
    <timers_keepalive></timers_keepalive>
    <timers_holdtime></timers_holdtime>
    <timers_connect></timers_connect>
    <distribute_in>none</distribute_in>
    <distribute_out>none</distribute_out>
    <prefixfilter_in>none</prefixfilter_in>
    <prefixfilter_out>none</prefixfilter_out>
    <aspathfilter_in>none</aspathfilter_in>
    <aspathfilter_out>none</aspathfilter_out>
    <routemap_in>none</routemap_in>
    <routemap_out>none</routemap_out>
    <unsuppressmap>none</unsuppressmap>
    <bfdenable></bfdenable>
    <bfd_check_control_plane_failure></bfd_check_control_plane_failure>
    <bfd_peer>default</bfd_peer>
    <weight></weight>
    <passive></passive>
    <addpathtxallpaths></addpathtxallpaths>
    <addpathtxbestpathperas></addpathtxbestpathperas>
    <advertisementinterval></advertisementinterval>
    <allowasin>disabled</allowasin>
    <asoverride></asoverride>
    <attributeunchanged></attributeunchanged>
    <attributeunchanged_aspath></attributeunchanged_aspath>
    <attributeunchanged_med></attributeunchanged_med>
    <attributeunchanged_nexthop></attributeunchanged_nexthop>
    <capability>disabled</capability>
    <dontcapabilitynegotiate></dontcapabilitynegotiate>
    <overridecapability></overridecapability>
    <ttlsecurityhops></ttlsecurityhops>
  
```

```
<disableconnectedcheck></disableconnectedcheck>
<ebgpmultihop></ebgpmultihop>
<enforcemultihop></enforcemultihop>
<localas_num></localas_num>
<localas_noprepend></localas_noprepend>
<localas_replaceas></localas_replaceas>
<maximumprefix_num></maximumprefix_num>
<maximumprefix_threshold></maximumprefix_threshold>
<maximumprefix_warnonly></maximumprefix_warnonly>
<maximumprefix_restart></maximumprefix_restart>
<removeprivateas></removeprivateas>
<removeprivateas_all></removeprivateas_all>
<removeprivateas_replace></removeprivateas_replace>
<routeclient_reflector></routeclient_reflector>
<routeclient_server></routeclient_server>
<solo></solo>
</config>
</frrbgpneighbors>
<frrospfd>
  <config></config>
</frrospfd>
<frrospf6d>
  <config></config>
</frrospf6d>
<frrglobalacls>
</frrglobalacls>
<frrglobalroutemaps>
</frrglobalroutemaps>
<frrospfdinterfaces>
</frrospfdinterfaces>
<frrospfdareas>
</frrospfdareas>
```

I had installed that only to test the FRR pkg install so it's the minimum data required to start FRR services rather than be anything useful.

FRR does start and run including BGP but is not running at boot after hitting that error. It can be started manually after that.

History

#1 - 11/04/2020 03:32 AM - Viktor Gurov

Fix:

https://gitlab.netgate.com/pfSense/FreeBSD-ports/-/merge_requests/5

#2 - 11/04/2020 05:18 AM - Renato Botelho

- Status changed from New to Feedback

PR has been merged. Thanks!

#3 - 11/04/2020 11:09 AM - Steve Wheeler

- Status changed from Feedback to Resolved

Tested in pkg 0.6.8_8

Looks good. Starts at boot correctly. No errors generated.