

## pfSense - Bug #3656

### "LAN network" in v6 rules doesn't work when assigning link-local address to LAN

05/15/2014 01:40 AM - Chris Buechler

<b>Status:</b>	Resolved	<b>Start date:</b>	05/15/2014
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	Chris Buechler	<b>% Done:</b>	0%
<b>Category:</b>	Rules / NAT	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.3	<b>Affected Architecture:</b>	
<b>Affected Version:</b>	2.1-IPv6		

#### Description

If you configure a link-local address on an interface, that interface's "network" subnet fails being looked up. For instance, go to Interfaces>LAN, configure it for static IPv6 fe80::1:1/64 for instance, add a v6 rule specifying "LAN subnet" as the source, and you end up with:

```
# at the break! label "USER_RULE: Default allow LAN IPv6 to any rule"
```

#### History

##### #1 - 05/15/2014 01:43 AM - Chris Buechler

note for others who happen upon this, this really isn't a valid config. But there isn't any reason it shouldn't work.

##### #2 - 07/22/2014 05:51 AM - Jim Thompson

- Assignee set to Renato Botelho

##### #3 - 10/20/2014 07:55 PM - Chris Buechler

- Status changed from New to Confirmed

still an issue on latest snapshot. the LAN rule in that scenario ends up as a comment with "at the break".

##### #4 - 12/04/2014 07:23 PM - Chris Buechler

- Priority changed from Normal to Low

- Target version changed from 2.2 to 2.2.1

##### #5 - 01/28/2015 10:58 PM - Chris Buechler

- Target version changed from 2.2.1 to 2.2.2

##### #6 - 03/29/2015 04:22 PM - Paul K

This also affects rules with "LAN Interface" not just "LAN Subnet" as source/destination. In order for the rules with "LAN Interface" to work get\_interface\_ipv6() would have to return link-local address, but that would most likely break quite a few other things. Since this is not really a valid config why not put validation on interface page that would prevent user from assigning fe80::/10 address.

##### #7 - 04/02/2015 04:36 PM - Chris Buechler

- Target version changed from 2.2.2 to 2.2.3

##### #8 - 06/01/2015 06:34 PM - Chris Buechler

- Target version changed from 2.2.3 to 2.3

**#9 - 09/21/2015 11:22 PM - Chris Buechler**

- *Status changed from Confirmed to Resolved*
- *Assignee changed from Renato Botelho to Chris Buechler*

Added input validation to work around this (and related issues Paul noted) since that's not a valid config anyway.

Put the wrong ticket # on the commit.

<https://github.com/pfsense/pfsense/commit/352f808558feda0d3eecefbf150e47d88315a01c>