

## pfSense - Bug #3802

### DNS forwarder/resolver - IPv6 link local selections shouldn't use hard-coded addresses

08/11/2014 04:51 PM - Eduard Rozenberg

<b>Status:</b>	Resolved	<b>Start date:</b>	08/11/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	DNS Resolver	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.3	<b>Affected Architecture:</b>	All
<b>Affected Version:</b>	All		

#### Description

Hello,

2.1.4-RELEASE (amd64)  
built on Fri Jun 20 12:59:50 EDT 2014  
FreeBSD 8.3-RELEASE-p16

When I select several Interfaces at [https://myfirewall/services\\_dnsmasq.php](https://myfirewall/services_dnsmasq.php), if any of them are IPv6, these IPv6 selections are not synced to my second firewall. Only the regular (non-IPv6) interfaces are synced. I'm not currently using IPv6 so not a big deal but it looks like a bug.

#### History

##### #1 - 09/15/2015 11:18 PM - Chris Buechler

- Subject changed from *DNS forwarder - IPv6 interface selections not synced to DNS forwarder/resolver - IPv6 link local interface selections don't match on secondary*
- Category set to *DNS Resolver*
- Status changed from *New* to *Confirmed*
- Priority changed from *Normal* to *Very Low*
- Affected Version changed from *2.1.x* to *All*

What it does there on the back end is stores the link local IPv6 IP of the interface, which does get synced, but doesn't exist on the secondary so it ends up being not selected. I don't think there are any typical use cases where this matters though, as the CARP or interface IP would be used in these circumstances.

This should use something generic instead of the link local IP, since changing interfaces around could break the selections. That'd also address the config sync issue noted here.

##### #2 - 09/15/2015 11:18 PM - Chris Buechler

- Affected Architecture *All* added
- Affected Architecture *deleted (amd64)*

##### #3 - 09/25/2015 06:49 PM - Chris Buechler

- Subject changed from *DNS forwarder/resolver - IPv6 link local interface selections don't match on secondary* to *DNS forwarder/resolver - IPv6 link local selections shouldn't use hard-coded addresses*
- Priority changed from *Very Low* to *Normal*

also breaks config backup/restore as noted in [#4641](#)

**#4 - 02/03/2016 02:08 AM - Chris Buechler**

- Status changed from *Confirmed* to *Resolved*

- Target version set to 2.3

completed and working in 2.3 for forwarder and resolver

**Files**

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DNS forwarder fw1.png	71.3 KB	08/11/2014	Eduard Rozenberg
DNS forwarder fw2.png	71 KB	08/11/2014	Eduard Rozenberg