

## pfSense - Bug #8220

### UI does not allow multiple MAC for same DHCP address

12/16/2017 09:46 PM - Doug Fultz

<b>Status:</b>	Resolved	<b>Start date:</b>	12/16/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jim Pingle	<b>% Done:</b>	100%
<b>Category:</b>	DHCP (IPv4)	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.4.3		
<b>Affected Version:</b>	2.4.2_1	<b>Affected Architecture:</b>	amd64

#### Description

The UI does not allow multiple MAC addresses to be assigned the same DHCP address, even when using different hostnames. Several forum posts and a previously closed issue, this should be allowed given that a different hostname is used.

<https://forum.pfsense.org/index.php?topic=53418.0>

<https://forum.pfsense.org/index.php/topic.36066.msg186013.html#msg186013>

<https://redmine.pfsense.org/issues/1682>

Unfortunately, it appears that the UI is blocking this.

[https://github.com/pfsense/pfsense/blob/master/src/usr/local/www/services\\_dhcp\\_edit.php#L193-L199](https://github.com/pfsense/pfsense/blob/master/src/usr/local/www/services_dhcp_edit.php#L193-L199)

#### Associated revisions

##### Revision b2605914 - 02/06/2018 10:37 AM - Jim Pingle

Do not apply a DHCP static mapping uniqueness test for hostnames or IP addresses. The DHCP daemon allows the entries to be duplicated provided they have unique MAC addresses or identifiers. Fixes #8220

#### History

##### #1 - 02/01/2018 11:36 AM - Steve Beaver

- Assignee set to Jim Pingle

##### #2 - 02/06/2018 10:40 AM - Jim Pingle

As the discussion in some of those former tickets and posts implied, the IP address can be reused as well as the hostname. I removed both uniqueness checks from the page and the configuration appears to function properly.

Needs some more testing/confirmation but it looks OK here.

##### #3 - 02/06/2018 10:43 AM - Jim Pingle

Also: This problem was introduced over 4 years ago when a contributor added the IP address check instead of removing "IP" from the input error text in [ce13cc5f8f661f4ef0d24e237a83d4caccea6a11](https://github.com/pfsense/pfsense/commit/ce13cc5f8f661f4ef0d24e237a83d4caccea6a11)

##### #4 - 02/06/2018 10:50 AM - Jim Pingle

- Status changed from New to Feedback

- % Done changed from 0 to 100

Applied in changeset [b2605914777a8026910bf8ce8b324fce61803ad2](https://github.com/pfsense/pfsense/commit/b2605914777a8026910bf8ce8b324fce61803ad2).

##### #5 - 02/14/2018 05:35 PM - Paighton Bisconer

- File Screenshot from 2018-02-14 15-33-30.png added

**#6 - 02/15/2018 01:13 PM - Jim Pingle**

- *Status changed from Feedback to Resolved*

**Files**

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Screenshot from 2018-02-14 15-33-30.png	17.5 KB	02/14/2018	Paighton Bisconer
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