

## pfSense - Bug #8422

### Switching VLAN mode removes the switch port settings from the config.

04/03/2018 07:03 AM - Steve Wheeler

<b>Status:</b>	Resolved	<b>Start date:</b>	04/03/2018
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Luiz Souza	<b>% Done:</b>	100%
<b>Category:</b>	Interfaces	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.4.4		
<b>Affected Version:</b>	2.4.3	<b>Affected Architecture:</b>	All

#### Description

On devices with a built in switch changing the switch VLAN mode removes the port state settings from the config resulting in all the ports set as disabled.

This applies when switching from port mode to .1q mode on a clean install or from .1q to port mode on a functioning .1q setup.

Saving on the ports tab is sufficient to restore the port config which is then applied if rebooted.

Config after switching to .1q mode, adding a vlan and rebooting. From a clean install:

```
<switches>
  <switch>
    <device>/dev/etherswitch0</device>
    <vlanmode>DOT1Q</vlanmode>
    <swports></swports>
    <vlangroups>
      <vlangroup>
        <vgroup>1</vgroup>
        <vlanid>100</vlanid>
        <descr></descr>
        <members>2</members>
      </vlangroup>
    </vlangroups>
  </switch>
</switches>
```

After re-saving on the ports tab:

```
<switches>
  <switch>
    <device>/dev/etherswitch0</device>
    <vlanmode>DOT1Q</vlanmode>
    <vlangroups>
      <vlangroup>
        <vgroup>1</vgroup>
        <vlanid>100</vlanid>
        <descr></descr>
        <members>2</members>
      </vlangroup>
    </vlangroups>
    <swports>
      <swport>
        <port>1</port>
        <pvid>1</pvid>
        <state><![CDATA[forwarding]]></state>
```

```
</swport>
<swport>
  <port>2</port>
  <pvid>1</pvid>
  <state><![CDATA[forwarding]]></state>
</swport>
<swport>
  <port>3</port>
  <pvid>1</pvid>
  <state><![CDATA[forwarding]]></state>
</swport>
<swport>
  <port>4</port>
  <pvid>1</pvid>
  <state><![CDATA[forwarding]]></state>
</swport>
<swport>
  <port>5</port>
  <pvid>1</pvid>
  <state><![CDATA[forwarding]]></state>
</swport>
</swports>
</switch>
</switches>
```

## History

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### #1 - 04/03/2018 07:04 AM - Steve Beaver

- Assignee set to Luiz Souza
- Priority changed from Normal to High

### #2 - 04/03/2018 11:38 AM - Luiz Souza

- Status changed from New to Feedback
- % Done changed from 0 to 100

Fixed.

Please check with the next snapshot.

### #3 - 04/06/2018 05:49 AM - Vladimir Lind

It looks resolved - tested on built on Thu Apr 05 19:51:37 CDT 2018

### #4 - 04/06/2018 09:26 AM - Jim Pingle

- Status changed from Feedback to Resolved

### #5 - 04/06/2018 09:26 AM - Jim Pingle

- Category set to Interfaces