pfSense - Bug #3968

Incorrect gateway is assumed when using tun + topology subnet

10/30/2014 07:23 AM - Dmitriy K

Status:	Resolved	**Start date:**	10/30/2014
Priority:	Normal	**Due date:**	10/30/2014
Assignee:	Renato Botelho	**% Done:**	100%
Category:	OpenVPN	**Estimated time:**	0.10 hour
Target version:	2.2		
Affected Version:	All	**Affected Architecture:**	All

Description

The script **/usr/local/sbin/ovpn-linkup** has en error where network mask is returned as a gateway when no gateway provided by the server:

```
if [ "${dev_type}" = "tun" ]; then
    if [ "" != "$route_vpn_gateway" ]; then
        /bin/echo $route_vpn_gateway > /tmp/$1_router
    else
        /bin/echo $5 > /tmp/$1_router
    fi
fi
```

See "ovpn log.txt" attachment. 5th argument passed to the script is a network mask. The script should use interface IP (the 4th argument) as it's gateway ... like in GRE tunnel configuration.

Associated revisions

Revision 15fbb5ec - 11/22/2014 01:13 PM - Renato Botelho

Fix ovpn-linkup for tun + topology subnet case setting router as ifconfig_local envvaar when route_vpn_gateway and ifconfig_remote are both not defined. Keep using 5th parameter as a seatbelt in last case. While I'm here, improve sh syntax. It should fix #3968

History

#1 - 10/30/2014 07:27 AM - Dmitriy K

- File ovpn log.txt added

#2 - 10/30/2014 12:55 PM - Chris Buechler

- Status changed from New to Rejected

scratch that, can happen with topology subnet

#3 - 10/30/2014 01:10 PM - Dmitriy K

- File Untitled.png added

I know that pfsense team wants to release 2.2 asap but its quality will suffer if fast decisions were taken place.

This bug is real and nothing will change the reality. The script works incorrectly for tun.

See attachment. Top part made with $5; Bottom with $4; ... conclusion is obvious ... network mask, heh ...

#4 - 10/30/2014 01:13 PM - Chris Buechler

this is valid with topology subnet in newer versions

#5 - 10/30/2014 01:28 PM - Chris Buechler

- Status changed from Rejected to New

- Assignee deleted (Dmitriy K)

#6 - 10/30/2014 01:31 PM - Dmitriy K

Well, I won't argue. If you see no bug then there is no bug.

#7 - 10/30/2014 01:42 PM - Chris Buechler

- Subject changed from Incorrect gateway is assumed when ovpn server provides no gateway to Incorrect gateway is assumed when using tun + topology subnet

- Status changed from New to Confirmed

I re-opened it after confirming that atypical circumstance. Your pull request is wrong though, it fixes a rare edge case, while breaking all the common circumstances.

#8 - 11/20/2014 10:06 AM - Renato Botelho

- Status changed from Confirmed to Assigned

- Assignee set to Renato Botelho

#9 - 11/22/2014 01:20 PM - Renato Botelho

- Status changed from Assigned to Feedback

- % Done changed from 0 to 100

Applied in changeset 15fbb5ecf35ac794b4bf357c1cd821a1413cdaa9.

#10 - 11/25/2014 04:13 AM - Dmitriy K

- File invalid_gw_4_tun_srv.png added

Everything is ok except for tun server. Incorrect IP is assumed: 5.45.32.2 is not exists and never existed.

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1. Why would server-side need a gateway at all? I don't understand such configuration.

2. Why I have lots of dynamic gateways for interfaces **without** an IP address assigned? It's impossible to edit such entry or add a static route on such gw entry. I can't apprehend such "feature" either.

#11 - 01/09/2015 04:51 PM - Jim Thompson

Just kicking this so maybe we can get it resolved.

#12 - 01/09/2015 06:33 PM - Chris Buechler

- Status changed from Feedback to Resolved

all the circumstances that work in 2.1.x confirmed good

Files

ifconfig_ovpnc1.txt	375 Bytes	10/30/2014	Dmitriy K
ovpn log.txt	634 Bytes	10/30/2014	Dmitriy K
Untitled.png	62 KB	10/30/2014	Dmitriy K
invalid_gw_4_tun_srv.png	40.8 KB	11/25/2014	Dmitriy K