

## strongSwan - Bug #3030

### Fix setting DSCP value for IKE packets on FreeBSD

19.04.2019 09:50 - Jean-François Hren

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Tobias Brunner	<b>Estimated time:</b>	0.00 hour
<b>Category:</b>	freebsd	<b>Resolution:</b>	Fixed
<b>Target version:</b>	5.8.0		
<b>Affected version:</b>	5.7.2		

**Description**

When setting up DSCP on a connection under FreeBSD, DSCP is not applied on IKE packet :

```
Apr 19 09:43:41 04[NET] sending packet: from 192.168.1.2[500] to 192.168.1.1[500]
Apr 19 09:43:41 04[NET] unable to set IP_TOS on socket: Invalid argument
```

In src/libcharon/plugins/socket\_default/socket\_default\_socket.c the call to setsockopt() should be tweaked a little to make it work under FreeBSD.

You can find attached a patch solving the problem.

#### Associated revisions

##### Revision 8da7dbe7 - 23.04.2019 11:49 - Tobias Brunner

socket-default: Fix setting DSCP value on FreeBSD

Fixes #3030.

#### History

##### #1 - 23.04.2019 11:52 - Tobias Brunner

- Tracker changed from Issue to Bug
- Subject changed from DSCP does not work on FreeBSD to Fix setting DSCP value for IKE packets on FreeBSD
- Category changed from libcharon to freebsd
- Status changed from New to Closed
- Assignee set to Tobias Brunner
- Target version set to 5.8.0
- Resolution set to Fixed

Thanks for the patch. I pushed a fix to master (since SOL\_IP(V6) are appropriately defined already if missing, and int and u\_int are the same size, the only actual issue was the type/size mismatch of ds4).

#### Files

ikedscp_freebsd.diff	900 Bytes	19.04.2019	Jean-François Hren
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