

libre-mesh firmware - Task # 4

Feature # 5 (Closed): Autoconfiguration system

Status:	Closed	Priority:	Normal
Author:	Nicolás Echániz	Category:	
Created:	05/13/2013	Assignee:	
Updated:	10/24/2013	Due date:	
Subject:	Define config file structure		
Description			

History

#1 - 05/13/2013 08:05 pm - Nicolás Echániz

- Tracker changed from Bug to Task

#2 - 10/18/2013 12:16 pm - Nicolás Echániz

- Parent task set to #5

#3 - 10/24/2013 01:25 pm - Nicolás Echániz

- Status changed from New to Closed

#4 - 10/24/2013 01:34 pm - Nicolás Echániz

the discussed config definition at the moment of closing this issue was:

/etc/config/lime

```
config lime network
    option primary_dev eth0      # primary network device to get the MAC addres
    option main_ipv4             # optional ? No
    option main_ipv6             # optional ? No
config lime wifi
    option public_essid LiMe
    option mesh_bssid ca:fe:00:c0:ff:ee

config wifi phy0
    option channel '36+'
    option mrate '6000'

config wifi phy1
    option channel '1'
    option mrate '54000'
# Syntax is proto:lan for that proto, lan is for clients access, wan is for connection to the internet
config net eth1
    list protocols 'bmx6'
    list protocols 'wan'
config net eth0
    list protocols 'bmx6'
    list protocols 'lan'
    list protocols 'batadv:31'
config net wlan0
    list protocols 'bmx6:12'
```

```
list protocols 'batadv:31'  
list protocols 'lan'
```

/etc/config/lime-defaults

```
config lime ip  
    option ipv4_net 10.N1.N2.0/24  
    option ipv6_net fddf:caN1:N2N3:1::/64  
# Syntax is protoname:vlan for that proto, lan clients access, wan connection to the internet  
configlime net  
    list protocols bmx6:12  
    list protocols batadv:N1  
config lime wifi  
    list mesh_channel_2ghz '11'  
    list mesh_channel_2ghz '6'  
    list mesh_channel_5ghz '36+'  
    option mesh_mcast_rate_2ghz '24000'  
    option mesh_mcast_rate_5ghz '6000'
```