

batctl - Feature #203

display number of all nodes and direct neighbors

01/31/2015 02:19 AM - M W

Status:	Closed	Start date:	01/31/2015
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	2016.0		

Description

Hi,

it would be useful if batctl would show some extra statistics:

- the number of all known nodes
- the number of all known clients
- the number of all neighbor nodes
- the number of all neighbor clients

Right now we have to do this counting via a shell script, but it would be much faster and comfortable in C and in batctl.

The question is if this is a feature that ought to be implemented and what command line argument to use.

History

#1 - 01/31/2015 02:21 AM - M W

That being said, I do have a very rough patch. But I do not know where to put the code and how to make it accessible via command line. Suggestions?

#2 - 01/31/2015 10:17 PM - Marek Lindner

Instead of batctl printing these statistics I would prefer seeing options being added which allow filtering neighbor nodes, neighbor clients, etc.

In general, it might be better to have those discussions on the mailing list. Not many people follow the bug tracker.

#3 - 02/18/2015 12:05 PM - Marek Lindner

Did you collect sufficient info on the mailing list to implement such a feature ?

#4 - 02/19/2015 01:35 AM - M W

The first column of "batctl o" can also contain the MAC address of secondary interfaces of neighbors. I do not know how to work around this.

If there is no workaround, then the attempt to get a list of all primary interfaces addresses does not make much sense.

#5 - 02/19/2015 04:18 AM - Marek Lindner

We can easily add another table only printing the primary mac addresses if that is the only remaining method to get the data. Some people also expressed interest in having the orig capabilities exported to user space. These requests could be combined into one table, don't you think ?

#6 - 02/20/2015 01:08 PM - M W

Yes, the requests can be combined in one table. But having an extra table around for this looks a bit messy. :-)

#7 - 02/27/2015 07:44 PM - Marek Lindner

Do you have an alternative suggestion ?

#8 - 03/01/2015 05:48 PM - M W

No, an extra table seems to be the only option.

#9 - 01/29/2016 11:00 AM - Marek Lindner

- *Status changed from New to Closed*

With 2016.0 the direct neighbor list became available as per your feature requests. Have fun!

#10 - 02/11/2017 12:59 AM - Sven Eckelmann

- *Target version set to 2016.0*