

qMp (Quick Mesh Project) - Packages - Error #422

802.1AD have small MTU value

08/30/2017 06:06 PM - Roger Pueyo Centelles

Status:	Tancat	Start date:	08/30/2017
Priority:	Normal	Due date:	
Assignee:	Roger Pueyo Centelles	% Done:	100%
Category:	Network	Estimated time:	1.00 hour
Target version:	v5.0.0	Spent time:	1.00 hour
Description			
802.1Q allows to me for use MTU value over 1500 on fragment and network functions normally, transperent. But in 802.1AD this value is 'jammed' on 1430 for me, I tested this with 'ping -s' Thus, the network doesn't work between two nodes connected over ethernet. I just backed to 802.1Q in config files.			

History

#1 - 09/16/2018 06:07 PM - Roger Pueyo Centelles

- Category set to Network
- Assignee set to Roger Pueyo Centelles
- Target version set to v5.0.0

Suggestion: remove VLANs for routing?

#2 - 01/06/2020 05:02 PM - guifi pedro

Roger Pueyo Centelles va escriure:

Suggestion: remove VLANs for routing?

I agree that removing VLANs is better, we had a discussion on libremesh mailing list where there was a problem with a specific device

<https://lists.libremesh.org/pipermail/lime-dev/2019-August/thread.html>

#3 - 01/07/2020 06:18 PM - Roger Pueyo Centelles

- Status changed from Nou to Resolt
- % Done changed from 0 to 100
- Estimated time set to 1.00 h

Hi Pedro,

Thanks for your comment and the links. Yes, using different VLANs for the routing protocol[s] was cool back when all interfaces were physical (eth0, eth1...) but started to become a mess with eth0.1 and so. 802.1ad VLANs was a good attempt, but drivers support was varied and mostly bad.

I took the decision of not using VLANs (neither 802.1q nor 802.1ad) for routing by default, as you can see in <http://dev.qmp.cat/projects/qmp/repository/revisions/a9e636957d1d5b333759e9e647590a6f51d2ae3f> . So, I guess, from qMp v5.0 on, they won't be there anymore.

#4 - 05/05/2020 01:12 PM - Roger Pueyo Centelles

- Status changed from Resolt to Tancat