

---

Subject: : AmigaOS4

Topic: : Quick networking question

Re: Quick networking question

Author: : broadblues

Date: : 2019/5/13 19:29:59

URL:

@Hans

Quote:

I've found that I have to ping another machine before it's listed by arp -a. However, only the router's name appears.

Ah yes that does appear to be the case. The arp table contains the primary host name the IP and the Mac address of the machines that have been connected to from the machine I run 'arp' on.

If I ping an address that doesn;t exist then I get an incomplete record in the table that disappears after a while.

I wonder if the hostname as presented to the router is the one you want to use in practice, if I copy and paste the hostname of my phone from the DHCP table on my router I can't use that as the domain name to ping it only it's address or domain name as defined in my hosts file.

So

ping all possible addresses in subnet

read arp table

discard incomplete entries

?????

profit!