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Subject: ARP problem on openvz venet.

Posted by [pug123](#) on Wed, 08 Apr 2009 13:26:44 GMT

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Hello,

Some of our ips stopped working because datacenter changed network equipment and advised us that the problem is because venet device has NOARP and it should send ARP. Is it true? Does it mean we should enable proxy arp?

Please clarify these things as I'd like to know how it is working with NOARP. How IP becomes visible then?

Thank you in advance

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Subject: Re: ARP problem on openvz venet.

Posted by [maratrus](#) on Thu, 09 Apr 2009 16:50:12 GMT

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Hi,

Quote:

and advised us that the problem is because venet device has NOARP and it should send ARP. Is it true?

No, it's not.

Quote:

Does it mean we should enable proxy arp?

It's not required in case of venet.

Quote:

Please clarify these things as I'd like to know how it is working with NOARP. How IP becomes visible then?

Assigning ip address in case of venet contains of three phases:

- assigning ip address inside VE on venet0 interface
- adding route on the HN (ip r l - to show routes)
- adding information about VE into arp table (arp -n - to show the table)

Every time an arp-request (which contains VEs ip address) comes to HN from physical interface, HN determines that the packet should proceed to VE through venet0 interface and that's why HN is ready to send arp-reply, and the packet is really sent because of the information in the arp-table on the HN.

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