Subject: How to report networking-related problems
Posted by xemul on Tue, 19 Feb 2008 11:16:34 GMT
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When you have some problems with networking and going to report it here, most likely we will need to know three things:

Routing rules
Netfilter configuration
Packets paths

Routing rules can be obtained by the ip rule list command. If the problem concerns VEs, then we need both HN and VE routing rules. Routing tables can be dumped altogether via ip route list table all.

Netfilter configuration is discovered by the iptables -t nat -L && iptables -t filter -L && iptables -t mangle -L command. BTW, in many cases network traffic doesn't leave/enter the HN due to bad netfilter configuration, so flushing the rules with iptables -F may help.

You need to understand how the packet goes and whether this path is correct from your point of view. This applies to both, incoming and outgoing traffic.

Packet paths can be observed via the tcpdump tool. In most of the cases you should launch the tcpdump -i <if> -e host <ip>, where the <if> is the interface name you're experience problems with and the <ip> is the IP address relevant to you traffic (e.g. if you can't ping kernel.org, then the <ip> is the kernel.org's IP).

For a generic case of venet VE outgoing packet should flow via VE's venet0 interface, VE0 venet0 interface and ethN in the HN.

So, you should observe the packet on each interface above. Incoming packets fly in the reversed order and you also should observe them there.

In case veth device is used packets also pass bridge interfaces in VE0.

With this information provided, the problem can at least be tried to be solved.

Thanks.

Subject: Re: How to report networking-related problems
Posted by adamswann on Fri, 23 Mar 2018 15:52:49 GMT
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The network is a key resource within the corporate IT architecture. Traditional LAN and WAN

networks increasingly support the distribution of unstoppable amounts of data and real-time access demands of corporate users.

Subject: Re: How to report networking-related problems
Posted by vzadmin on Thu, 09 Jun 2022 12:21:36 GMT
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Hi, If you want report networking-related problems, than i will suggest to go for eTechSupport. eTechSupport is one of the best web hosting support provider in the current market. They have best expertise who will help you any time. Basically they are outsoucre web hosting provider which includes 24x7 Server Monitoring & Management, Database Administration, Server Security & Hardening, Server Migration, Dedicated Support Staff, Ticket, Live Chat & Telephone Support, Hourly Administration Jobs.

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Subject: Re: How to report networking-related problems
Posted by vzadmin on Fri, 06 Jan 2023 04:55:22 GMT
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If you are experiencing networking-related problems, there are a few steps you can take to try to troubleshoot and fix the issue:

Check your connections: Make sure that all cables are properly plugged in and that the device you are trying to connect to is turned on.

Restart your devices: Try restarting your networking equipment (e.g., modem, router, switch) and the device you are trying to connect to the network.

Check for outages: If your internet service provider (ISP) is experiencing an outage, there may be nothing you can do to fix the problem until the outage is resolved. You can check with your ISP to see if there are any known outages in your area.

Check your settings: Make sure that your device is set up to connect to the correct network and that the network settings are correct.

Test different connections: If you are able to connect to the internet on one device but not another, the problem may be with the device itself. Try connecting a different device to the network to see if the problem persists.

If you have tried these steps and are still experiencing networking problems, you may need to contact our networking professional for further assistance.

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