

traceroute error !<10>

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2004-11/8020.html>

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Date: 11/28/04

To: For users of Fedora Core releases <fedora-list@redhat.com>

Date: Sun, 28 Nov 2004 14:12:19 +1000

Sorry for this long message, but I'm hoping someone will know exactly what is happening with the error, or atleast point me in the right direction. Thanks.

I'm working on upgrading my one lab of 20 computers to FC3, and have run into a strange problem. Got around bugzilla problems 138419, and 139724 already, and am now able to get FC3 to install on the machines with 98 and XP.

I updated on machine yesterday, and was doing another today, but rather than redownloading the updates again, I was just going to transfer over the contents of the /var/cache/apt/archives directory. I archived the contents into a tar.gz file, and ftped to the machine. Logged in, but a directory comes back with no route to host. Here is the strange part. Both machines are plugged into the same hub, traceroute shows a response in about 0.200ms, but then has the !<10> after it. What is also weird, is both machines have no problem ftping to an old windows 98 machine, so I ended up ftping the file to the windows 98 machine on another subnet, and then downloading it to the other machine.

Not clear on what this !<10> error is with router solicitation?

After untarring the file, the update went directly to installing all the files, so that went fine.

I had a similar problem about a week ago. I have FC2 on the 20 machines, and was doing a synaptic update of all the machine, which use another machine with squid to cache updates. 18 machines went thru just fine, but two machines couldn't see the squid machine at all. Had to disable the proxy and have them redownload the updates thru the colleges T1 line.

I have no control over the college network, but am thinking there is some problem, but don't know how to identify exactly where it is. Why would 18 of 20 machines work fine. The physical network has been setup by the College MIS as one network with three class C's.

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202.128.71.0, 202.128.72.0, and 202.128.73.0

The 71 and 73 networks are dhcp and provided to the classrooms, generally, you will get about an even mix of 71 and 73 numbers in the same room, and the only link between the networks is the router that connects to the colleges T1 (only a 10MB router), so any transfers would drop to 10MB when between machines on different class C's. (I've added special routing entries in my labs to avoid this) But seeing that this is happening between machine on the same class C.

Today's problem is with 202.128.73.253 and 202.128.73.211. They get the !<10> error, but both transfer fine to 202.128.72.68.

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Guam – Where America's Day Begins

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Number of Seti Units Returned: 9,931
Processing time: 21 years, 294 days, 15 hours, 18 minutes
(Total Hours: 191,031)

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