

Re: ENOSR on UDP socket creation on Solaris 10 U4

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- *From:* Alex Kiernan <alex.kiernan@xxxxxxxx>
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andrew@xxxxxxxxxxxxxxxxxxxxxx (Andrew Gabriel) writes:

In article <72myus7lio.fsf@xxxxxxxxxxxxxxxxxxxxxx>, Alex Kiernan <alex.kiernan@xxxxxxxx> writes:

Anyone any ideas where/what to tweak to avoid getting ENOSR in response to a SOCK_DGRAM socket create?

We're running PowerDNS recursor and are seeing occasional (once a day?) errors:

startDoResolve problem: Making a socket for resolver: Out of stream resources

Which traces back to:

```
socket(PF_INET, SOCK_DGRAM, 0);
```

A quick (and inadequate) browse of the opensolaris source would seem to imply this happens if sockfs times out the initial response from the udp module, when it's asking for the capabilities of the stream.

I came across that too, but I wasn't sure how much of the streams stuff is left in the path for UDP these days. Having never done any TLI programming I can't pretend I dug too hard though...

A comment elsewhere implies this can happen for tcp streams under system heavy load conditions. It may be that the same is true for udp too. Could your system be under heavy load?

Not really – it has busy times (load average of 8 or so on a 4 CPU box), but they don't really appear to coincide w/ the times I've seen

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the message.

That said of the two boxes I'm running it on, one is much older (and slower) than the other (a pair of E450s, one w/ 4x297MHz CPUs, the other w/ 4x400MHz CPUs) – the 400MHz box isn't seeing any of these logged.

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