Gmail **ANKUR SHETH <sankur91@gmail.com>**

Regarding Queue Management

2 messages

ANKUR SHETH <sankur91@gmail.com> Sun, Nov 19, 2017 at 2:12 PM
To: lartc@vger.kernel.org

Hello all,

Can you anybody let me know how can I manage the buffer size using Linux tc utility, as I tried to understand Linux tc but was not able to figure out the way for managing the buffer size for each queue configured for each port of the switch.

I read somewhere that txqueuelen can be used for reducing the size of the queue for each port which is 1000 by default, but could not verify it.

I am able to shape the traffic as per the bandwidth requirements by using minimum and maximum rates using tc linux and htb, but I am not able to figure out the way for buffer size.

I appreciate your time and cooperation for my research.

Regards,
Ankur

Andy Furniss <adf.lists@gmail.com> Sun, Nov 19, 2017 at 4:44 PM
To: ANKUR SHETH <sankur91@gmail.com>, lartc@vger.kernel.org

ANKUR SHETH wrote:

> Hello all,
>
> Can you anybody let me know how can I manage the buffer size using Linux tc utility, as I tried to understand Linux tc but was not able to figure out the way for managing the buffer size for each queue configured for each port of the switch.
>
> I read somewhere that txqueuelen can be used for reducing the size of the queue for each port which is 1000 by default, but could not verify it.
>
> I am able to shape the traffic as per the bandwidth requirements by using minimum and maximum rates using tc linux and htb, but I am not able to figure out the way for buffer size.

You can add bfifo or pfifo to your htb class(es) and set the size in bytes/packets.

man tc-bfifo