

GNU/Linux Administration - Feature #746

Using tc To Throttle Bandwidth on Arch

02/12/2016 08:17 PM - Daniel Curtis

| | | | |
|------------------------|---------------|------------------------|------------|
| Status: | Closed | Start date: | 02/14/2016 |
| Priority: | Normal | Due date: | |
| Assignee: | Daniel Curtis | % Done: | 100% |
| Category: | Workstation | Estimated time: | 0.10 hour |
| Target version: | Arch Linux | Spent time: | 0.00 hour |

Description

This is a guide on how to use the tc command to reduce the available bandwidth of a given interface on Arch Linux.

- Configure enp0s3 to never use more than 64kbps regardless of port or application:

```
sudo tc qdisc add dev enp0s3 handle 1: root htb default 11
sudo tc class add dev enp0s3 parent 1: classid 1:1 htb rate 64kbps
sudo tc class add dev enp0s3 parent 1:1 classid 1:11 htb rate 64kbps
```

- To delete all traffic control throttling rules and to return to normal speeds:

```
sudo tc qdisc del dev eth0 root
```

Resources

- https://wiki.archlinux.org/index.php/Advanced_traffic_control
- <http://mark.koli.ch/slowdown-throttle-bandwidth-linux-network-interface>

History

#1 - 02/12/2016 08:26 PM - Daniel Curtis

- Status changed from New to Resolved
- Start date changed from 02/13/2016 to 02/14/2016
- % Done changed from 0 to 100

#2 - 02/20/2016 07:37 PM - Daniel Curtis

- Status changed from Resolved to Closed