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