

Netlink Draft update

53rd IETF (MPLS)

Changes since version 1

- More text added to several sections explaining the different headers
- First time text in the traffic control section
- Some rearrangement etc to clarify things
- Some sections removed
 - NETLINK_TAPBASE
 - NETLINK_SKIP
 - NETLINK_USERSOCK
- Typos fixed

Whither netlink?

- Current draft is based on Kernel 2.4.6
- We will stop here ;—>
- Idea is:
 - Present the general architecture and principles
 - not to document every FEC that is known to be supported by netlink
 - A slew were added in 2.4.17
 - We are also chopping off some
- We will last call next revision

Licensing/IPR issues

- There are none
- All you have heard about the GPL is not true ;—>
 - Linux netlink is a reference implementation
 - Just as is TCP

Whither netlink?

- Extend netlink to meet requirements draft and present as a ForCES protocol
 - different draft
- Some of the features missing to meet requirements include:
 - Distributed addressing, Authentication, Message prioritization, Some of the existing functionality needs to be rearranged (eg port function currently belong to RTM_*)
- If you can think of any other missing features that would be needed for please let me know

Questions?