LLC

Logical Link Control (LLC, IEEE 802.2)

XXX - add a brief LLC description here

History

XXX - add a brief description of LLC history

Protocol dependencies

LLC can use a number of LAN (and MAN/WAN?) protocols as its transport protocol:

- Ethernet: LLC can be used for packets on Ethernet networks, although many protocols don't use it when running atop Ethernet.

- IEEE_802.11: LLC is used for data packets on IEEE_802.11 networks.

- FDDI: LLC is used for data packets on FDDI networks.

- TokenRing: LLC is used for data packets on TokenRing networks.

Example traffic

XXX - Add example traffic here (as plain text or Wireshark screenshot).

Wireshark

The LLC dissector is fully functional.

Preference Settings

(XXX add links to preference settings affecting how LLC is dissected).

Example capture file

XXX - Add a simple example capture file to the SampleCaptures page and link from here. Keep it short, it's also a good idea to gzip it to make it even smaller, as Wireshark can open gzipped files automatically.

Display Filter

A complete list of LLC display filter fields can be found in the display filter reference

Show only the LLC based traffic:

```
llc
```

Capture Filter

The way you capture only LLC-based protocols depends on the link-layer type of the network on which you're capturing.

XXX: Ethernet - look for packets with a length field, and maybe worry about IPX-over-raw-802.3; Token Ring, FDDI, and 802.11, check for data packets.

External links

- IEEE 802.2 specification

- IEEE 802.2 LLC

Discussion

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