

Binary Filters (Traffic Selectors)

draft-tsirtsis-mext-binary-filters-00.txt

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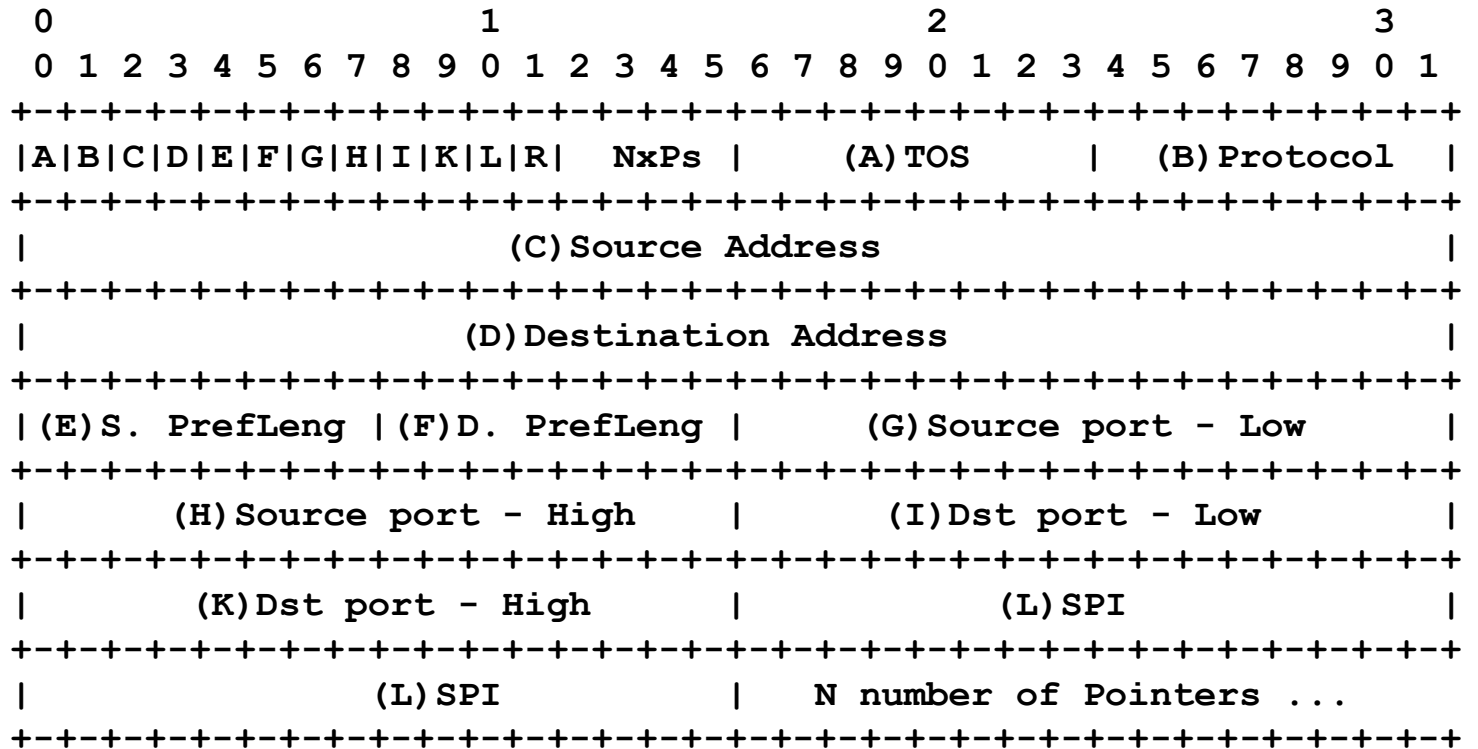
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Traffic Selectors

- “Flow Descriptors” are renamed to “Traffic Selectors”
- Define **default** Traffic Selectors
 - Focus on matching main Network and Transport layer fields for identification of flows
 - Use binary format
 - Define IPv4 and IPv6 TSs
 - Do this efficiently!

IPv4 TS



Pointer

- Allows a match with any field in the packet
 - In theory it can identify any (byte) at any layer
 - It does not require the receiver to know anything about the structure of the packet (no real header parsing required)
- Discussion (are pointers **good** or **evil**?)
 - Some think added flexibility is **good**
 - Some think that routing on upper layer information is **evil**

