

IPComp excluding transport layer

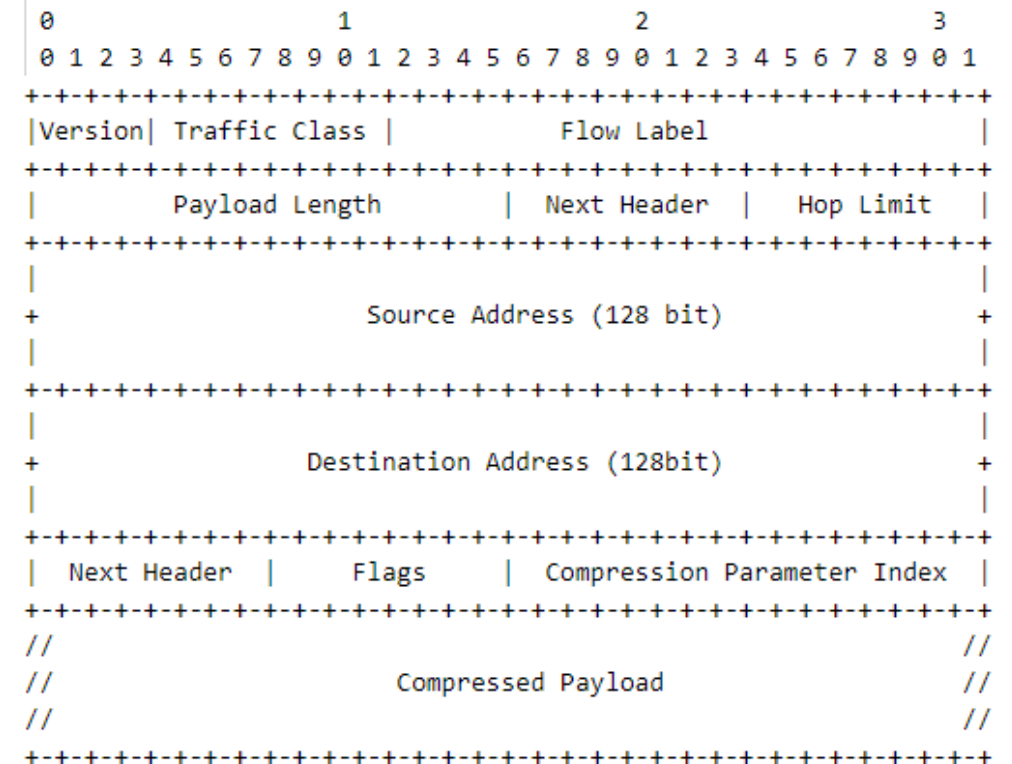
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draft-ls-6man-ipcomp-exclude-transport-layer-00

#IETF115

IPComp extensions

- IP Payload Compression Protocol(IPComp) compress IP payload to save bandwidth
- Problem 1: L4 info(Port) is compressed, incompatible with NAT/FW
 - Exclude port field when compressing
 - New CPI or flag?
- Problem 2: If compression produce longer packet, the original packet is sent without IPComp header. cause out of order
 - Add IPComp header even for uncompressed packet
 - New CPI value



Comments?

- Currently, the CPI codepoint is allocated in the IPSec registry and negotiated use IKE, but ...
- Compression is not related to security, CPI value does not have to be allocated by IKE, maybe BGP? Decouple with IPSec? IPComp belongs to 6man?
- For transport exclude L4 info, CPI or flag?