

# **Fine Grained Labeling Backward Compatibility**

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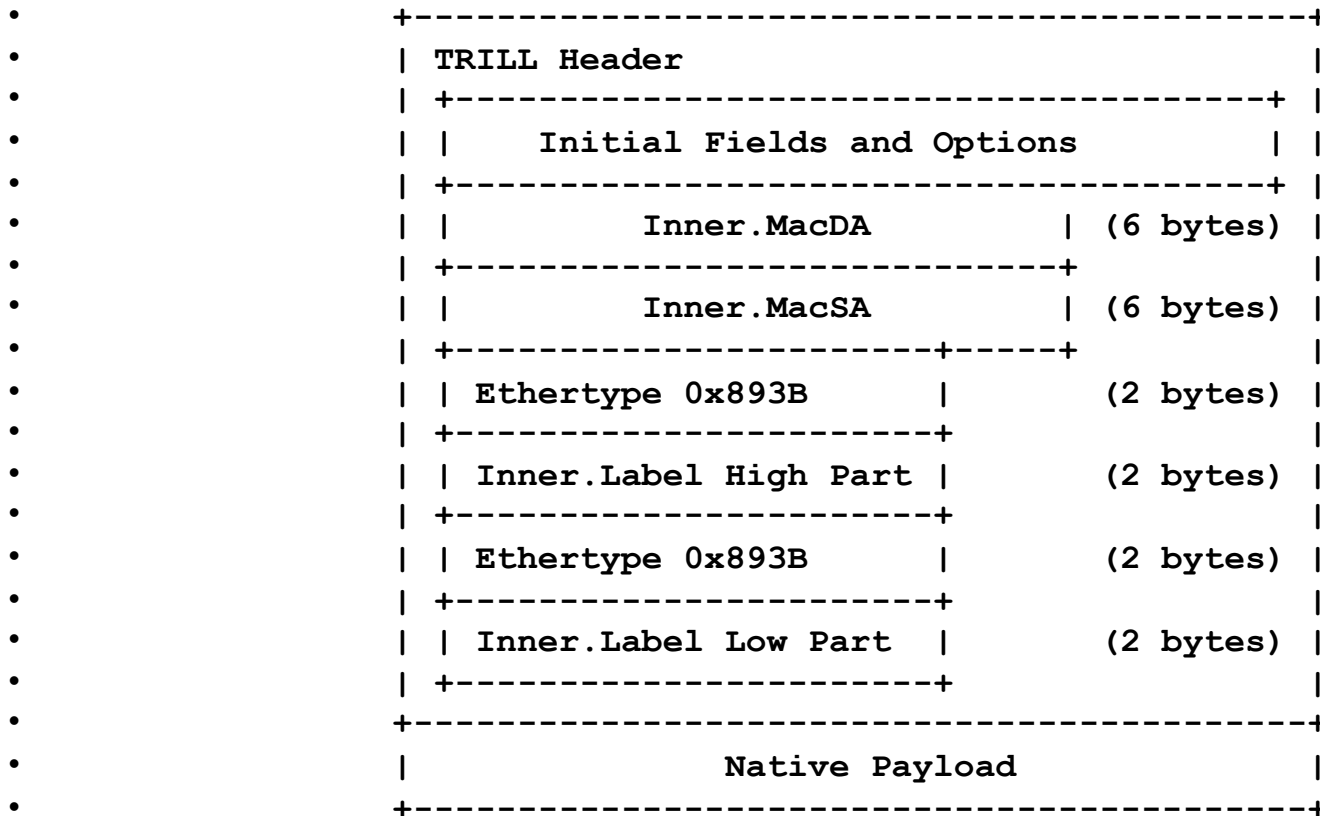
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# Fine Grained Labeling

- Fine Grained Labeling provide 24-bit labels on TRILL data packets within a TRILL campus.
- On ingress, the VLAN of traffic is mapped to an FGL and on egress, an FGL is mapped to a VLAN.
- There are also provisions for priority at the FGL level.

# FGL Standard

- Fine Grained Labeling was standardized in RFC 7172.



# Backwards Compatibility for Encoding

- If some TRILL switch ports use a different FGL encoding, there would be a problem if mixed ports were on a link using incompatible encodings.
- A bit can be allocated to indicate use of a variant encoding.

# Backwards Compatibility for Encoding

- If two TRILL switches that both support FGL have ports on the same link but they use incompatible FGL encoding, then no adjacency would be formed. This is expected to be a rare condition.

# END

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