## TRILL: Fine-Grained Labeling draft-ietf-trill-fine-labeling-01

- "RFC 6325 provides for only 2\*\*12-2 valid identifiers or labels"
  - "substantially larger number required"
- Fine Grained Labels created to provide 16M ID's
- Additional Label per port
  - Assigns label hierarchy in the same node
- Describes VLAN Label (VL) and Fine Grain Label (FGL)
- Use of Ethertype 0x8100 is concerning

<pre>+   Link Header (depends on link technology)   (may include VLAN tag if an Ethernet link)</pre>
TRILL Header   ++
Initial Fields and Options                         ++                         Inner.MacDA         (6 bytes)
++     Inner.MacSA   (6 bytes)   ++
EtherType 0x8100   (2 bytes)   ++
Inner.Label High Part   (2 bytes)   ++     EtherType 0x893B   (2 bytes)
++     Inner.Label Low Part   (2 bytes)
 Native Payload
<pre>+   Link Trailer (depends on link technology) +</pre>