Labeled ARP

draft-kompella-mpls-larp
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Updates to L-ARP draft

- New author – George Swallow
- Broke out "hardware address" into separate "TLVs"
  - Hardware Address has Ethernet MAC
  - One "TLV" has label stack
  - Another "TLV" has metric
- Each label in the stack has its own bits to say what attributes it supports
  - Right now, there is only EL capability
  - In the future, may add ECN capability, etc.

Next Update

- Restart semantics
- Client-server synchronization
- Scaling considerations

Future Updates

Would like feedback from WG on:

- Functionality to be added

- Information format

Associated Work

- MPLS fabric draft will be published "soon"
  - Goal is to describe how MPLS can be used as a fabric, say in a Data Center
  - Will provide some motivation for L-ARP
  - but will allow other signaling mechanisms too