GMPLS ~~UNI-BCP~~ ~~ENNI~~ ???
Virtual Links Enhancements for the Overlay Model

draft-beeram-ccamp-gmpls-enni-01.txt

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Discussion Items

- Changes
  - Added section for "Multiple Service Domains"

- Overlay Interface - Terminology Fit
  - Not UNI; Not E-NNI; then what?
  - Should a new Overlay Network Interface be defined?

Multiple Server Domains

- Same tools for dynamic provisioning of client LSPs across either single or multiple server network domains

- Server domain border node sees no difference between access-link and inter-server-domain link terminated on the node

- It is the responsibility of the server domain border node to advertise into the neighboring domains all access, inter-server-domain and Virtual TE links it locally terminates.
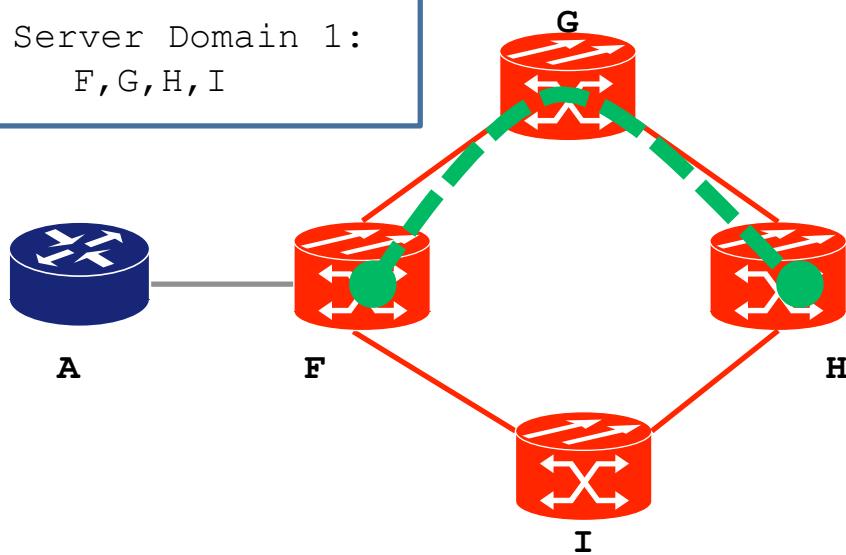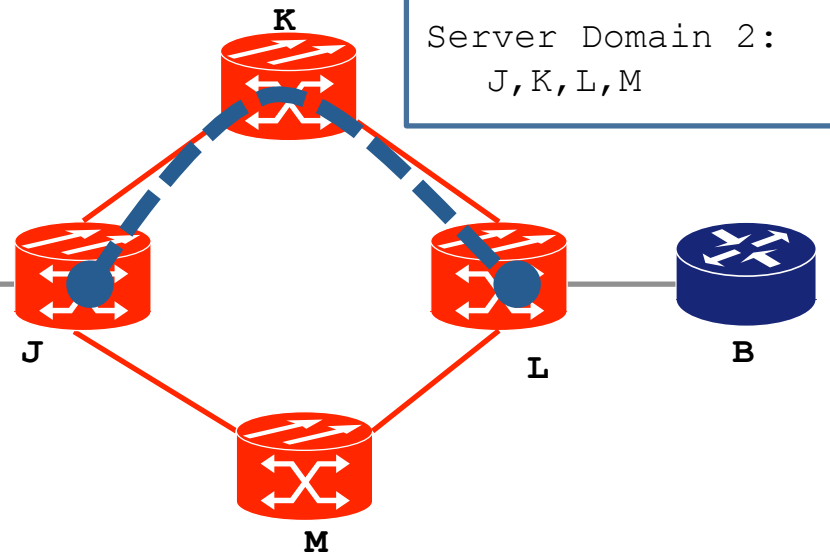
Multiple Server Domains

TEDB
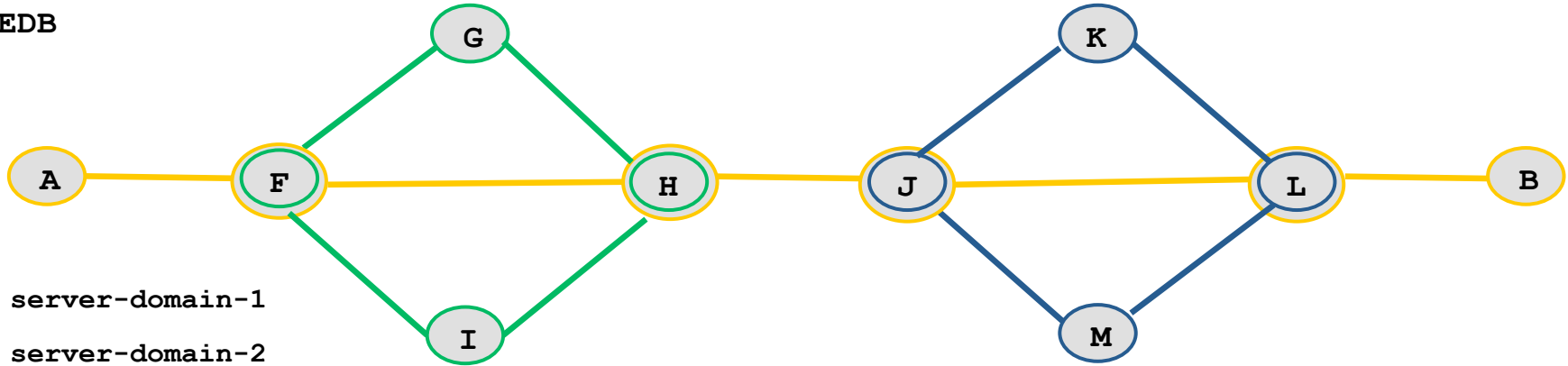
= **server-domain-1**

= **server-domain-2**

= **client-domain**

Server Domain 1:
  F,G,H,I

Server Domain 2:
  J,K,L,M

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Introducing "X"ONI

- What do you call the "Overlay Interface" discussed in the solution?
  - Call it "X"ONI (where X = "whatever") for now
- Properties
  - It can inter-connect either [user]-[network] or [network]-[network] domains
  - It allows for both or either signaling and/or routing (routing without signaling is a valid option)
  - Routing over "X"ONI is different from ITU or OIF ENNI routing (user is the only consumer of the routing information, network just contributes)

Next Steps

- Rename the draft – "Extensions to Virtual TE Links"

- Let the WG discuss "X"ONI and decide if it needs to be defined (here or in some other document)

  – The progress of <draft-beeram> doesn't need to get impeded by this

- Ready for WG status (?)

Thank you