draft-irtf-mobopts-l2-abstractions -02 updates

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Issue on Figure 1

- Title (Primitives) is confusing.
  - We changed it to "Interaction Model between Layers"
- Do we really need "Response"?
  - We kept it as the interaction model.
- "Confirm" and "Response" are confusing.
  - Christian suggested to swap them.
  - We kept them based on the terminology in OSI.

Issue on The Definition of Primitives

- The relation between the interaction model and the primitives was not clear.
  - We mentioned details in Sec. 4.

	request	confirm	indication	response
type1	○	○		
type2	○	○	○	△
type3	○	○		

○‥Mandatory △‥Optional

Issue on "Peer" naming

- "Peer" has widely accepted end-to-end meaning, where a peer of node X is another node Y with X communicates at application layer.

- Defining the peer to be an access point may be confusing.

- We changed to "Point of Attachment" instead.

Issue on Registration Procedure

- The registration procedure is unclear.
  - Request of type2 must contain a parameter which directs to "enable" or "disable" event indication.
  - Indications are sent as registered events occur unless disabled.
- We added more text in Sec. 4.

Issue of the timing when PeerLost is sent

- L2 creates a list of APs when it performs scanning.

- Next time scanning is performed, it creates a new list and compares with the old one.

- If there are differences, corresponding indications will be sent.
  - PeerLost, PeerFound, etc.

- However, the timing of scanning is an implementation issue.

- We mentioned this in Sec. 3.

LinkStatusChanged

- "GoingDown" was replaced with newly defined "StatusChanged".
- We have 5 levels of link quality:
    - EXCELLENT, GOOD, FAIR, BAD, and NONE
- The change of status is not only GoingDown
    - GoingDown means FAIR to BAD
    - There are other needs:
        - GOOD to FAIR for handover preparation
        - GOOD to EXCELLENT for adaptive application
- StatusChanged is generally used to know the change of link quality.