

Additional EPOC Objectives

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Abstract

- Kevin Noll has provided a set of slides on objectives
- This presentation introduces several additional objectives to be considered by the study group

Resource Allocation (I)

- The resource allocation for the coax link is managed by the CLT by virtue of the MPCP protocol with possible extensions
- In the architecture that contains an OCU between the optical and coax media, then resource allocation on the coax medium is managed by the OCU
- Motion
 - Move to approve the above objective
 - Moved:
 - Seconded:
 - Vote:

Resource Allocation (2)

- Study the benefits of having frequency multiplexing of messages to/from different CNU's in new PHY
- Motion
 - Move to approve the above objective
 - Moved:
 - Seconded:
 - Vote:

Duplex Modes

- New PHY layer should support FDD and TDD access
- Motion
 - Move to approve the above objective
 - Moved:
 - Seconded:
 - Vote:

Modulation and Coding

- Study the benefits of having different modulation and coding schemes configured to/from different CNU's in new PHY
- Motion
 - Move to approve the above objective
 - Moved:
 - Seconded:
 - Vote:

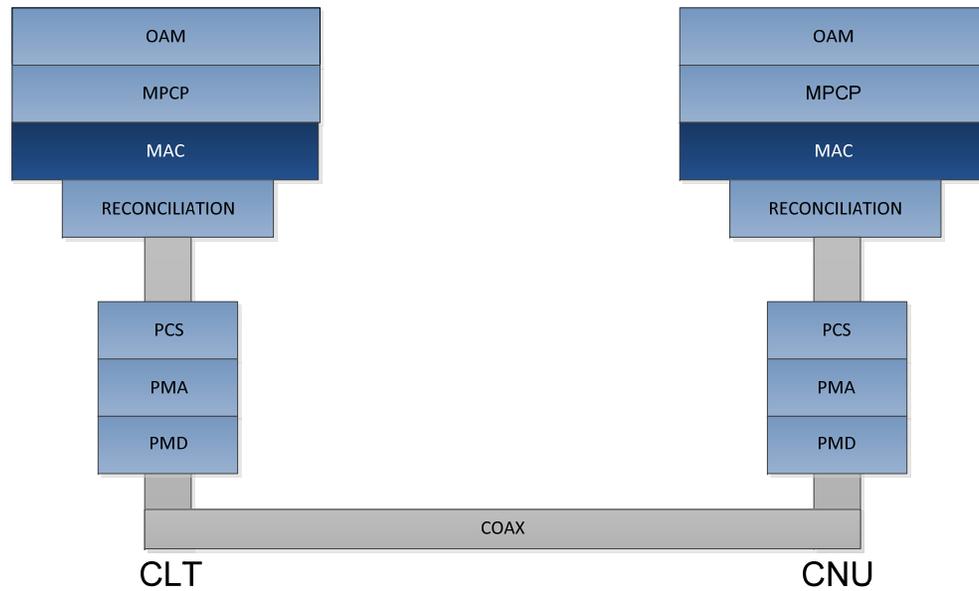
Packet Filtering

- The OCU will filter packets in the downstream so that packets are only forwarded to the coax medium if the packet contains an LLID for one of the CNU's on the coax medium
- Motion
 - Move to approve the above objective
 - Moved:
 - Seconded:
 - Vote:

Backup

Architecture

Architecture 1



Architecture 2

