

System Requirements for Classification

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Scope of the Problem

- Endpoint PSE are capable of using Layer-2 classification at minimal cost.
- It is costly to do Layer-2 classification with a Midspan PSE.
- How do we solve both of these problems simultaneously?

Two problem, Two Solutions

- Endpoint PSEs do not require extending Layer-1 classification. Layer-2 is sufficient.
- To accommodate midspan PSE, a low cost Layer-1 classification extension will be required at the PD.
- We need a Layer-1 PD classification extension that is low cost.

Motion

- Move that:

The IEEE 802.3at Task Force affirms that a PD requiring more than 12.95W will support a Layer-1-Classification extension and a Layer-2 classification mechanism. PSEs must support Layer-2 classification or Layer-1-Classification extension for PDs requiring more than 12.95W.

- M: W. Diab

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- All Y: 33 N: 0 A: 2

- .3 Y: 17 N: 0 A: 1

Tech \geq 75%