Scope components for Rapid PHY selection

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RPS scope components

- Define a protocol to allow symmetric request of change of link speed.
  - All within the capabilities of the PHY devices.
  - Ability to request decrease and demand increase.
- Define transition times for the following PHY types.
  - 10BASE-T, 100BASE-TX, 1000BASE-T, 10GBASE-T
- Changes as necessary to their start up state machines to define appropriate entry points determined by parameter durability (e.g. canceller coefficients).
- Define the ability to exchange transition time information.
  - This may be more than one parameter
  - Protocol will be PHY type independent

Straw poll: Support the above scope components. Y: 10 N:0 A:2