.1Q Basics V1.0

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** Necessary and Sufficient: (no/low debates) **

- Port Based VLAN classification
- Single Spanning Tree
- "Baby Giants" are OK (802.3ac?)
- No MIB agreement (each vendor does their own while we while for an IETF MIB)
- Get a P-Type for the tag (IEEE or company volunteer)
- Simple tag

(debates...)

- No GVRP (all static configuration)
- Egress == Ingress for port list (no Unidirectional VLANs)
- Multiple FWD (1 per VLAN)

** Future Work: **

- More sophisticated VLAN classifications
- Hierarchical VLAN mechanisms, 2 level tagging
- Multiple Spanning Tree / Dual Level / "other"
- Topology management and configuration conflict resolution protocols