• Link aggregation
  • 802.1AS
  • 802.1AX
  • SRP
  • Qav++
• Multiple paths for multiple flows
  • MSTP / VLAN per traffic type
• Multiple paths for redundancy
  • productive redundancy™
  • instant failover -- two parallel paths from talker to listener
• Power management/conservation
  • EEEv2 ... power management policy influenced by SRP
• Single step 802.1AS
  • Interaction with 2-step ONLY devices
  • "Instant Follow-Up™" has equal performance, but is transparently interoperable
• Interface to IP
  • "802.1AS net as a boundary clock"
  • 802.1AS over UDP profile for 1588
  • multicast interactions, IGMP/DSCP/diffserv mapping
  • transmit selection on IP networks for traffic shaping
• Integrate 802.3bf
  • fix services and API model