Notes from 22 July 2020 meeting

* Manipulate Topology Activities
  + Allow Administrator a choice of topology
  + Slingshot networks
    - Confirm # of links in a Dragonfly group
  + Utilization of hardware, based upon component capabilities
    - Determine shortest path network routes
    - Power concerns---long cables eat more power
    - Virtual fabrics
  + Route around failures
  + Configure resources and quantities for global and local traffic
* Visualize Fabrics
  + For easy fabric monitoring
  + Show issues
* Tuning Network Performance
  + Bi-section bandwidth
  + QoS or Traffic Control Classes
  + Buffers, latency, and bandwidth
  + Hardware Collectives
  + Optimizing network for specific traffic types
* Identify Components
* Add/Remove
  + Join fabrics
  + Create fabrics based upon mixing endpoints, switches, and other components, as need arise
    - One set of fabrics during the day, one set of fabrics during the night, for example
  + Isolating fabrics using VLANs and partitions
  + Logical partitioning
* Manage switch hardware
* Diagnostics and metrics
  + What are the capabilities of each component?
    - Search the Redfish tree
    - Respond to a query