SIMPLEFLY TECH

iSpace Technologies US 3 Tier Network: Physical Topology
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Notes
- STP Priorities for Network Layers
  - Core: 4096
  - Distribution: 8192
  - Access: Default (32768)
- Link aggregation at the core for faster throughput and redundancy.
- (3) enterprise 48 port L3 switches for distribution.
- (5) 48 port switches at the access layer
  - 3 dedicated switches for departments with more intensive network access needs.
  - 2 full trunking switches for general/office use.
- Redundant links from access to distribution.
- Easy scalability with this setup as there is upcoming growth soon.

Router

UDM-Pro

Core

USW-Pro-Aggregation

USW-Pro-Aggregation

Distribution

USW Pro-48-PoE

USW Pro-48-PoE

USW Pro-48-PoE

Access

Office Switch

Office Switch

Engineering Dedicated Switch

Propulsion Dedicated Switch

Software Dedicated Switch