Organizational Excellence
Server/Data Center Centralization
Project Update
Server/Data Center Centralization

New ITS Hosting Website

- Clarifies ITS Service Offering
- Includes Pricing Menu
- Consulting Options

Meeting with all major business units/schools

- Education/awareness re service offerings
- Review physical server requirements
- Review virtual server requirements
- Discussion of future needs and opportunities
Server/Data Center Centralization (New Hosting Website)

http://its.virignia.edu/hosting
**Server/Data Center Centralization**

**Challenges with Increased Centralization of ITS Data Center:**

- Schools/Departments often build their own infrastructure because one-time hardware $ easier to obtain than recurring services $ (ETF; other one-time sources)
- Schools/Depts would need to change IP addressing to move to ITS Data Center (Different VLAN)
- Fiber uplink limitations: We don't have 10 GB uplinks to buildings today; in some cases 1 GB uplink may be insufficient, depending upon use-case.

**Challenges with Contracted Servers/Services:**

- Difficult for units to obtain recurring funding
- ITS pricing not competitive in some cases (Will need to leverage/broker cloud services to achieve scale/competitive pricing)
- Need greater flexibility for temporary build-outs/peaks

**Common Themes:**

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Number of Depts/Units Utilizing or Reserving UDC Rack Space:
EOM February = 29
EOM May = 34

Number of Customer RUs:
EOM April 1140
EOM May 1176

Number of Contracted Servers:
EOM February = 201
EOM May = 215