

Organizational Excellence Server/Data Center Centralization Project Update

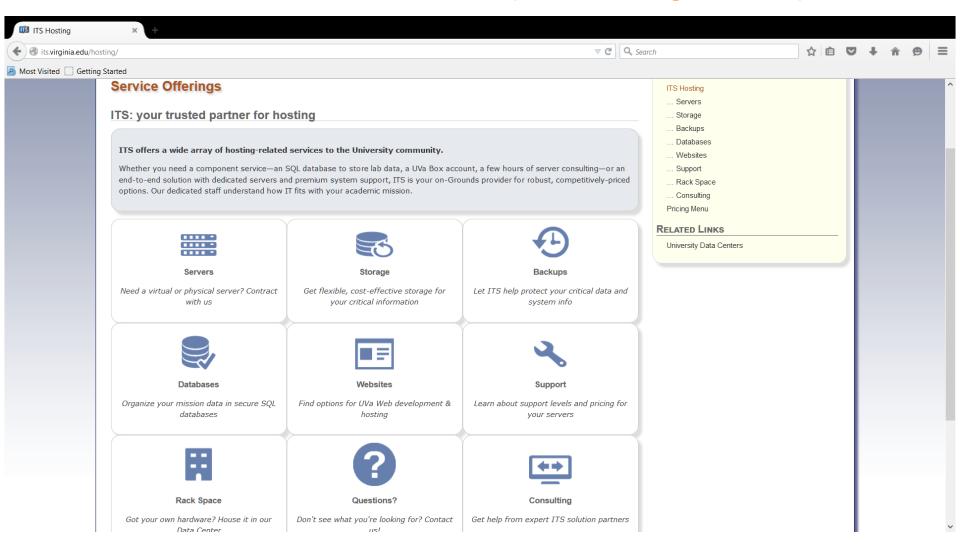
6/10/15



Server/Data Center Centralization

New ITS Hosting Website	Meeting with all major business units/schools
Clarifies ITS Service Offering	Education/awareness re service offerings
Includes Pricing Menu	Review physical server requirements
Consulting Options	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

Common Themes:

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



Server/Data Center Centralization

New Growth in Centralized Services (Preliminary)

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