

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)










The screenshot shows a web browser window with the URL its.virginia.edu/hosting/. The page features a header with the ITS logo and navigation icons. The main content area is titled "Service Offerings" and includes a sub-header "ITS: your trusted partner for hosting". Below this, a text box states: "ITS offers a wide array of hosting-related services to the University community. Whether you need a component service—an SQL database to store lab data, a UVa Box account, a few hours of server consulting—or an end-to-end solution with dedicated servers and premium system support, ITS is your on-Grounds provider for robust, competitively-priced options. Our dedicated staff understand how IT fits with your academic mission." The page is organized into a grid of nine service tiles, each with an icon, a title, and a brief description. A sidebar on the right contains a "RELATED LINKS" section with a list of navigation options.

Service Offerings

ITS: your trusted partner for hosting

ITS offers a wide array of hosting-related services to the University community.

Whether you need a component service—an SQL database to store lab data, a UVa Box account, a few hours of server consulting—or an end-to-end solution with dedicated servers and premium system support, ITS is your on-Grounds provider for robust, competitively-priced options. Our dedicated staff understand how IT fits with your academic mission.

 Servers <i>Need a virtual or physical server? Contract with us</i>	 Storage <i>Get flexible, cost-effective storage for your critical information</i>	 Backups <i>Let ITS help protect your critical data and system info</i>
 Databases <i>Organize your mission data in secure SQL databases</i>	 Websites <i>Find options for UVa Web development & hosting</i>	 Support <i>Learn about support levels and pricing for your servers</i>
 Rack Space <i>Got your own hardware? House it in our Data Center</i>	 Questions? <i>Don't see what you're looking for? Contact us!</i>	 Consulting <i>Get help from expert ITS solution partners</i>

RELATED LINKS

- ITS Hosting
- ... Servers
- ... Storage
- ... Backups
- ... Databases
- ... Websites
- ... Support
- ... Rack Space
- ... Consulting
- Pricing Menu

<http://its.virginia.edu/hosting>

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

**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