

Managed Services: The Central Services Domain

Who should/can join?

What's different from University Services?

Who is there now?

What are the benefits?

Who should/can join?

- Any department or unit that wishes to take advantage of the Active Directory forest structure & features of Domain membership, but lacks the necessary resources (computers and domain admins)
- See www.centernalservices.vt.edu for full details

What's different from University Services?

- Targeted at groups of computers (departments or units), including departmental servers (such as file servers)
- Policies (such as security policies) decided by local group/not “pushed” by Domain Admins
- Will need local contacts, however

Who is there now?

- Arts & Sciences Deans Office
- Assistive Technologies Center
- Bursar's Office
- Graduate School
- Mining Engineering
- Office of Budget & Financial Planning
- Office of Real Estate Management
- Police Dept.
- Residential & Dining Programs
- Upward Bound
- Vet Med Informatics
- Virginia Water Research

What are the benefits?

- Frees resources within department or unit
 - Labor/no need for dedicated domain admin
 - Machines/no need to dedicate 2 servers
 - Time/Service Packs & Hotfixes are applied by Central Services Domain Administrators

What are the benefits?

- Server hardware and software maintenance is performed by staff in IS&C (Specifically, members of Systems Engineering & Administration's Windows Administrative Services Group/all MS Certified)
- Let them worry about compliance with the Rules of Engagement!

What are the benefits?

- Servers are kept in a controlled, secured environment (AISB Machine room)
- Servers are backed up nightly via Tivoli Storage Management software
- “Lost” control can be delegated back to the department via Organizational Unit (OU) administration at the request of the dept.

Virginia Tech Network Attached Storage

- NetApp F840 Filer
- Hostname – skipper.cc.vt.edu
- Raw storage capacity 3T
- Uses Raid5 for storage
- Dual power for filer head and each shelf of drives
- Backed up to Tape by IS&C's Network Backup Service
- Storage accessible via TCP/IP network
- Supported Network filesharing protocols
 - Cifs for windows
 - NFS for Unix/Mac OSX
- Windows users:
 - Must have a hokies id
 - Member of University Services or Central Services domain
 - Contact 4help now- later W2K self service page
 - Current allocation 250M-500M per user
- Uses include: departmental file server, roaming profiles, personal desktops (folder re-direction, zip drive replacement)
- Future Plans include providing space to Research Community

