IT Consolidation Study
@ CSU
An Update
IT Consolidation Study @ CSU Update

Committee Members

• Pat Burns (VPIT), co-chair
• Bryan Carney (Director, University Advancement)
• Dave Carpenter (IT Director, CAHS)
• Jim Folkestad (Faculty, CAHS)
• Thom Hadley (Director, CVMBS)
• Allison Horn (Director, Internal Auditing), co-chair
• Ed Peyronnin (IT Director, CAS)
• Rusty Scott (Assoc. Director, ACNS)
• Stephanie Wolvington (Internal Auditing)
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Areas of Study for Possible Consolidation

1. Data Center & Associated Hardware
2. Applications and Licensing
3. Web Design and Programming
4. Identity and Access Management
5. Purchasing
6. Helpdesk & Desktop Support
7. Networking and Networking Support
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Building a Framework for Discussion

• Theme: “Simplify the IT environment”
• Consider savings, benefits, and risks at varying levels of consolidation for each area:
  – Tight and/or tighter collaboration
  – Hybrid approach, some consolidation
  – Complete consolidation
• Directive from the Provost – seek the ‘low hanging fruit’
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‘Low-hanging Fruit’

- Considering savings, value & risk to campus:
  1. Data Center & Associated Hardware
  2. Applications and Licensing
  3. Web Design and Programming
  4. Identity and Access Management
  5. Purchasing
  6. Helpdesk & Desktop Support
  7. Networking and Networking Support
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Status - considering savings, value & risk to campus:

- Data Center & Associated Hardware
  - Committee formed - Ed Peyronnin, chair
- Identity and Access Management
  - Committee being formed- Rusty Scott, chair
- Purchasing
  - Committee formed – Dave Carpenter, chair
- Networking and Networking Support
  - Communications Infrastructure Committee charged with developing a Networking Operations Policy
  - Campus meeting Friday, May 27 from 9am-10am in 222 Rockwell West
Creating the Campus Cloud
Committee on campus wide server and storage virtualization
Committee on campus wide server and storage virtualization

- Members, goals and general timeline
- Deliverables
- Campus interest
- Pilot implementations
- Full implementation by July 2012
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• Members –
  – Larry Cobb (CVMBS)
  – James Cizek (ACNS)
  – Ed Peyronnin (AgSci)
  – Joe Volesky (ACNS)
  – Stephanie Wolvington (Internal Auditing)

• Goal –
  Develop a policy and business driven virtualized data-center for campus use.

• Deliverables –
  – SLA
  – policies and procedures
  – business agreement listing a menu of cafeteria style of services offered.
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Considerations

• Impact to the community
• Storage (VM’s, backup and DR)
• Advantages of Hyper-V and VMWare
• Network
• Security
• FTE commitment (the Provost will cover salary)
• Etc...
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Phase I

• Implementation plan due to the Provost 20 August
• Campus IT community survey – Get a sensing of the demand on campus before 1 June
• First Pilot start 1 July
  – Less than ten systems each for Hyper-V and VM-Ware
  – Hand select members from survey who fit specific requirements
  – Test hardware
  – Apply policies and procedures
  – Physically test the system
• Adjust the system
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Phase II

- Vet and codify any new needed policies and procedures
- Conduct a second survey based on findings and experience(?)
- Conduct a second pilot
  - Ask for volunteers (first come) to migrate to the system
  - Use procedures developed in Phase I to a larger group,
  - Test procedures and hardware in a “live” setting
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Phase III

- Hardware/software tweaked
- Begin sign up for production mode
- Phase in/soft roll-out of production mode

1 July 2012 - Go live

NOTE: All information is subject to change until planning document is approved.