IPFW TECHNOLOGY

Overview
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CURRENT BUSINESS SYSTEMS

- Sunguard Banner – Student Information System

- Blackboard Learn – Learning Management System

- Touchnet – Payment Processor

- Email – Groupwise, Gmail

- SAP – HR, Payroll, Purchasing, Budgeting

COMPUTING ENVIRONMENTS

~250 Servers

- Windows, Suse, Redhat
- ~2/3 of servers are running in virtual environments under VMWare

Storage

- > 100TB SAN storage
- Multiple performance levels

CORE INFRASTRUCTURES

Designed for redundancy, uptime

Redundant Datacenters

Multiple 10Gb network interconnects

Multiple 8Gb SAN interconnects

Full power redundancy

Full Cooling redundancy

Redundant Internet feeds

Redundant Security Hardware

CORE INFRASTRUCTURES

Software components for redundancy

      Oracle RAC (Real Application Clusters)

      VMWare

            vSphere Replication

            vCenter Site Recovery Manager

      Xio TimeScale GeoReplication

SOFTWARE ON CAMPUS

- Oracle Master License Agreement
- Microsoft Master License Agreement
- Novell Academic License Agreement
- Adobe Master Agreement
- Autocad Campus Agreement
- Other licensing for smaller quantities
  - Math/Stats, Electronic design, etc.

MOBILE DEPLOYMENT STRATEGIES

Mobile Platforms decisions tempered by:

- Parent Organizations

        (IU, PU)

- Commercial Vendors

        (Sunguard, Touchnet, Blackboard)

- Community Sourced Projects

        (MIT, Kuali)

MOBILE SERVICES

Major Services

        Banner – grades, registration

        Blackboard – classes, etc.

        Touchnet – payments, etc.

        Wayfinding – new students, finding way

        Career Services - jobs….