



Shared IT Services for Higher Education & Research

Conference 2018

# EduCloud Server Hosts Essential Services for Thousands of Students, Faculty and Staff

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# Agenda

- EduCloud OverView – Dean Crawford
- TRU – Migration and Usage – Cliff Harms
- ECU – Migration and Usage – Adrian Lim
- Moodle Shared Instance – David Burkholder
- Colleague Shared Instance – Adrian Lim

# EduCloud Data Center Locations



2.2 and 3.2 GHz Cores  
Standard and HP Disk  
Your IP's can be used (/24)

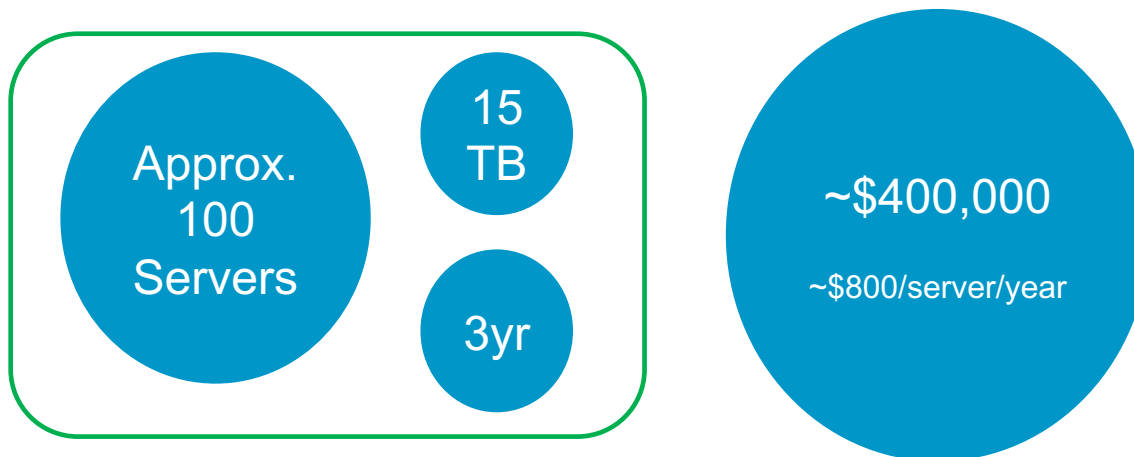
Backup Service at Q9

# TRU Usage Story

- 1 Virtual Data Centre
- 3 Network subnets running TRU IP's
- All traffic routes through TRU's firewall
- 76 VM's
- 150 GHz of CPU running
- 600 GB of memory configured
- 51 TB of storage configured

# ECU Usage Story

- Reduce operations risk during move to new campus
- Easier to expand storage
- EduCloud team maintaining Vmware updates
- Moodle, Colleague as shared services on EduCloud
- Used EduCloud as a failover and housed a copy of our LDAP during periods of instability
- Difficult to put a cost comparison together, but:



# Moodle Shared Service

By the numbers

- 8 Members
- 40,000 FTE's
- 26 VM's
- 62 GHz 2.2 Cores
- 110 GB memory
- 1,200 GB HP disk
- 1,400 GB Standard Disk

# Colleague Shared Service

By the numbers

- 7 Members
- 57 VM's
- 125 GHz Standard Cores
- 90 GHz HP Cores
- 505 GB memory
- 6,000 GB HP disk
- 10,000 GB Standard Disk

# Questions