

# BCNET

Shared IT Services for Higher Education & Research

## Conference 2017



## EduCloud Expands to Protect Campus Data

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# Topics

- Expansion
- Roadmap
  - FY1718 Q1 Release
  - FY1718 Q2 Release
  - FY1718 Q3 – Q4 Roadmap
  - FY1819 Roadmap
- Questions

# Expansion



# Roadmap



- Available for Consumption in Kamloops
  - 864 vCPU, 5836GB vMem and 510TB effective primary storage
- Tiers of Compute
  - Standard (2.2 GHz) and High Performance (3.2 GHz)
- Standard Backup Retention
  - 28 daily, 12 weekly and 12 monthly
- Members can use Own IP's

\* Available in the Vancouver site by end of calendar year

# Roadmap



- **\*Storage Tiers with Guaranteed Performance**
  - Standard Performance (**300 IOPS** to 1000 IOPS)
  - High Performance (**1,000 IOPS** to 2,500 IOPS)
  - Extreme Performance (**2,500 IOPS** to 10,000 IOPS)
- Self-Service Restores (May 2017)
- Update Interface for Advanced Networking Features

\* Available in the Vancouver site by end of calendar year

# Roadmap



- \*BaaS 1.0 (Backup as a Service)
  - 9 PB Effective Storage (14X dedupe)
  - Backup Target for your on Premise Data
  - Global Dedupe
  - Cost Based on Source Data

\*Available in the Vancouver site by end of calendar year

# Roadmap



- **BaaS 2.0 (Backup as a Service)**
  - Vancouver Site
  - Local Virtual Target
- **Migration Tool**
  - Workload Movement from your Data Center to EduCloud
- **Service Monitoring Dashboard**
  - Infrastructure Availability and Performance by Site
    - Compute, Storage, Network and Virtualization

# Roadmap



- Non-Technical User Provisioning
  - Shopping Cart Type Provisioning Engine
- DRaaS 1.0 (Disaster Recovery as a Service)
  - Target and Replication
- Dedicated 10GB
- Financial Reporting
  - Management Reporting



# Roadmap



- Archive Storage
- DRaaS 2.0
  - Orchestration and Automation
- 100GB Connectivity
- Live Movement of VM's Between Sites

# Roadmap



- Third EduCloud Site
- Hybrid Cloud
  - Busting to Public Cloud
- BaaS 3.0
  - SaaS Type Model

# Questions