



Public Sector Storage Trends using Amazon Web Services

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Research Data Storage



Climate Change Research

Data Archive

Web Site Hosting

Data Storage

Media Streaming

Mission Critical Systems

Disaster Recovery

3,000+ Academic Institutions
800+ Government Agencies



FISMA

Space Missions

High Performance Computing

Learning Management Systems

Transportation Research

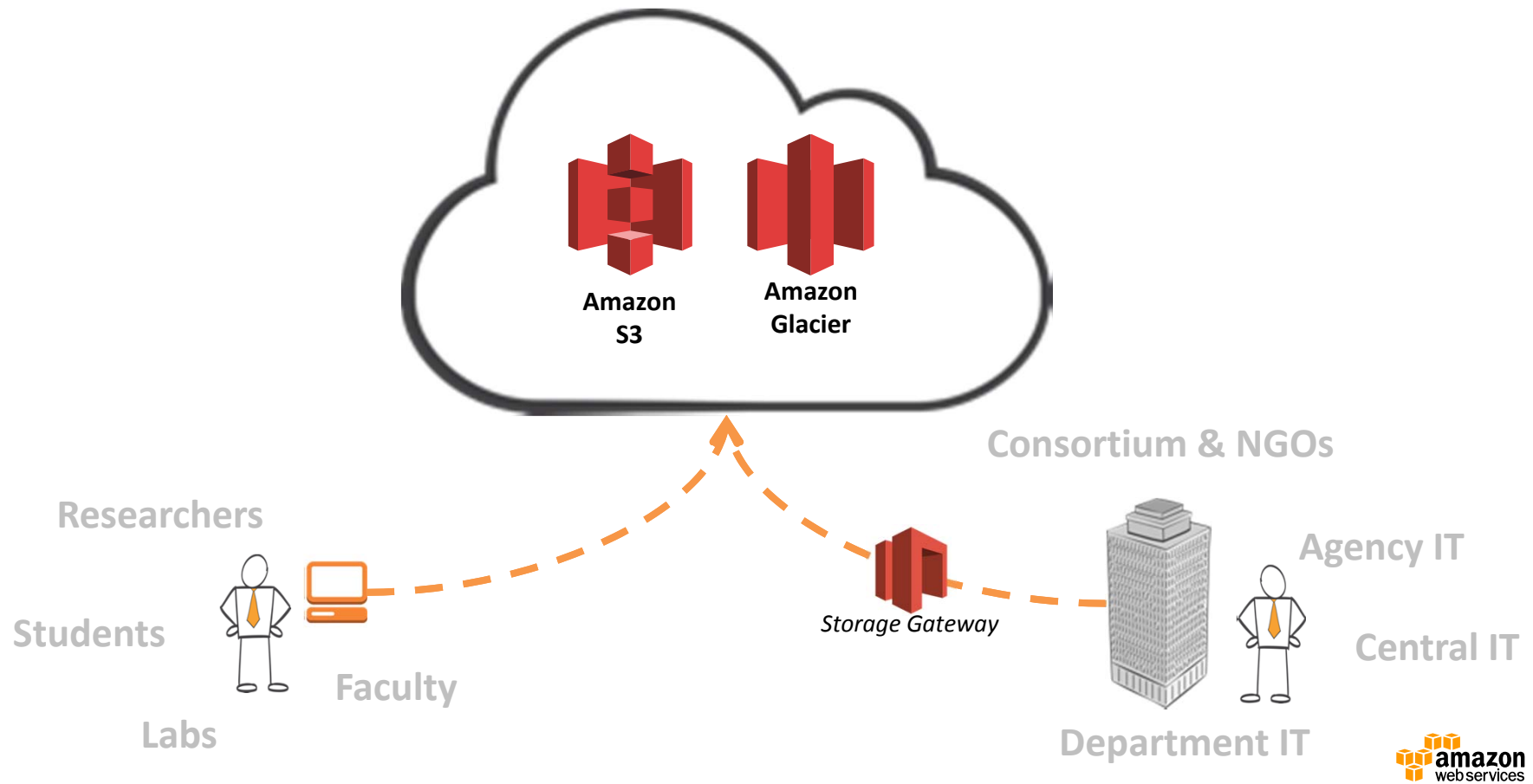
Live Event Streaming



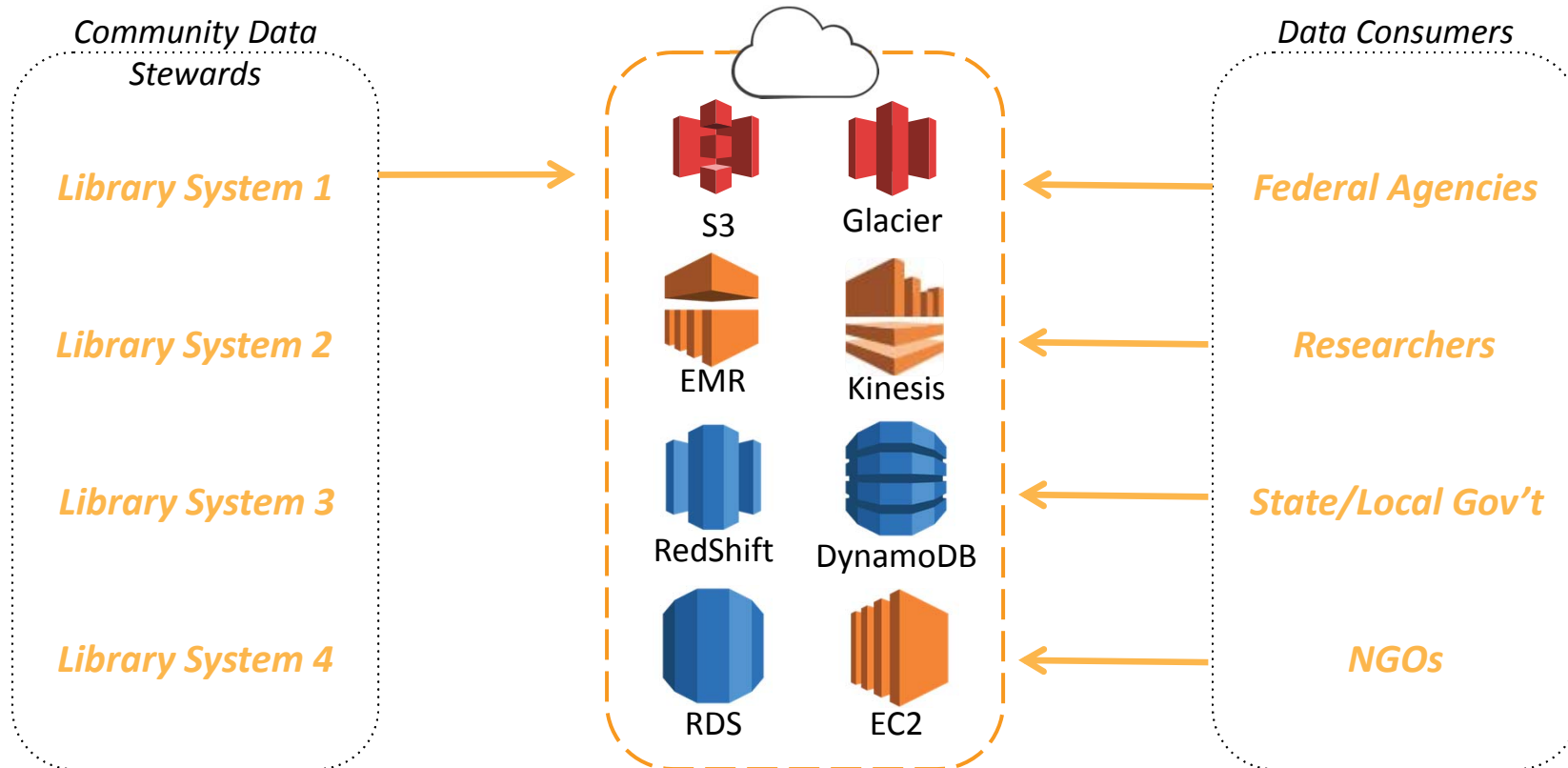
Data Preservation via Durability: S3 and Glacier

- Available in all (4) US Regions
 - US East, US West (OR), US West (N. CA) and US GovCloud (S3 only)
- Designed for (11) 9s of durability per region
- Consider the durability when replicating data across multiple AWS Regions.
 - Copy 1 in S3/Glacier in US East, designed for (11) 9s of durability
 - Copy 2 in S3/Glacier in US West (OR), designed for (11) 9s of durability

Public Sector Storage in Amazon S3 and Glacier



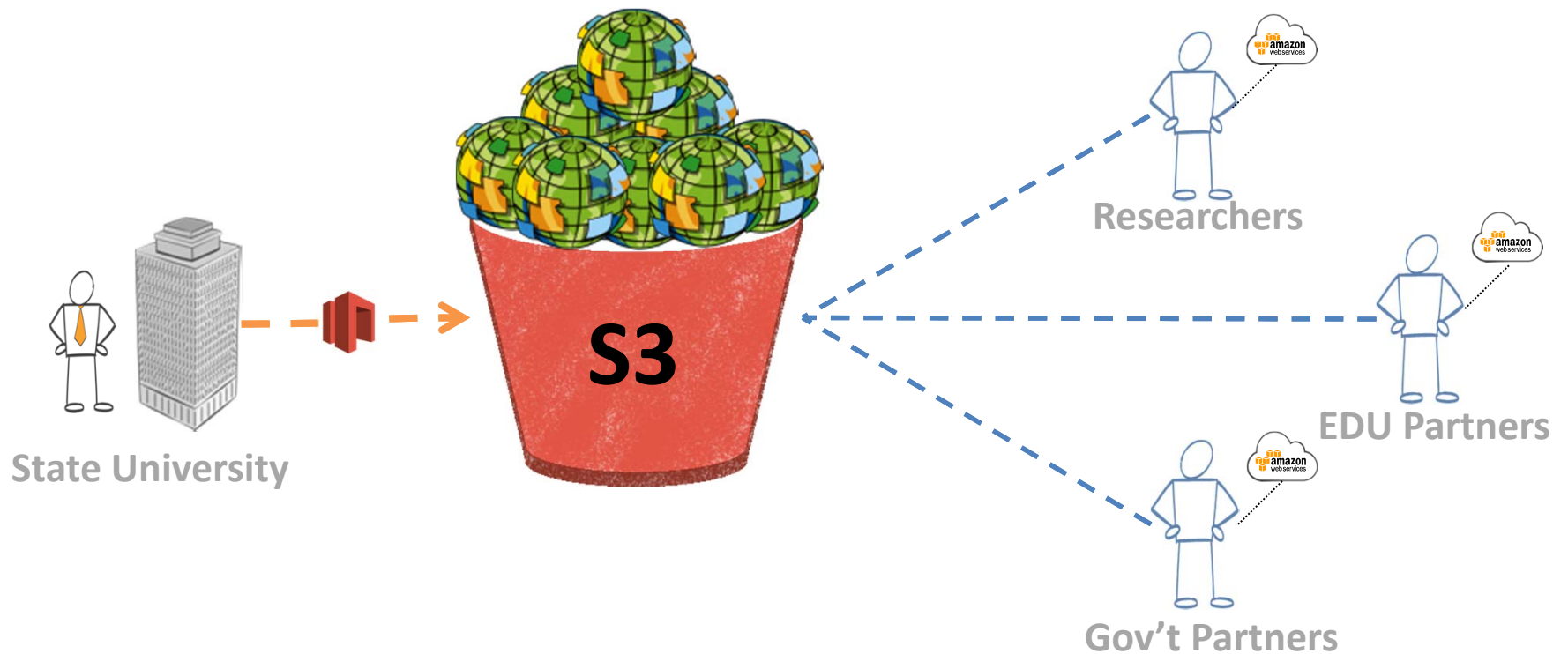
Community Data Stores in AWS



Community Data Store Example: Spatial Clearinghouses

Data Steward

Data Consumers



Summary...

Public Sector Storage Trends with Amazon Web Services

- Increase in trust due to FedRAMP and AWS Security & Compliance measures
- Increase in AWS adoption – backup, archive and critical business systems
- Storage architectures evolving from Client to Enterprise to Community