

FILE BASED MEDIA WORKFLOWS IN THE CLOUD

MOVING THE WORLD'S DATA AT MAXIMUM SPEED



PRESENTER

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AGENDA

Aspera

Technology and Media

Cloud stories

Big data delivery challenges



MEDIA BUSINESS TRANSFORMATION





DATA DELIVERY CHALLENGES





TECHNOLOGY, INNOVATION AND MEDIA





WHICH CAME FIRST

INNOVATION USE CASE



TECHNOLOGY, INNOVATION AND MEDIA



INNOVATION USE CASE





Customer Stories



Experimenting with the Cloud



CABLE COMPANY

Business challenge:

"Leverage our media assets on a new platform"

Technical challenge:

- 2,000 assets
- 10 GB per asset
- Needs to be DRM "Playready" encrypted
- By next Friday

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Infrastructure challenge:

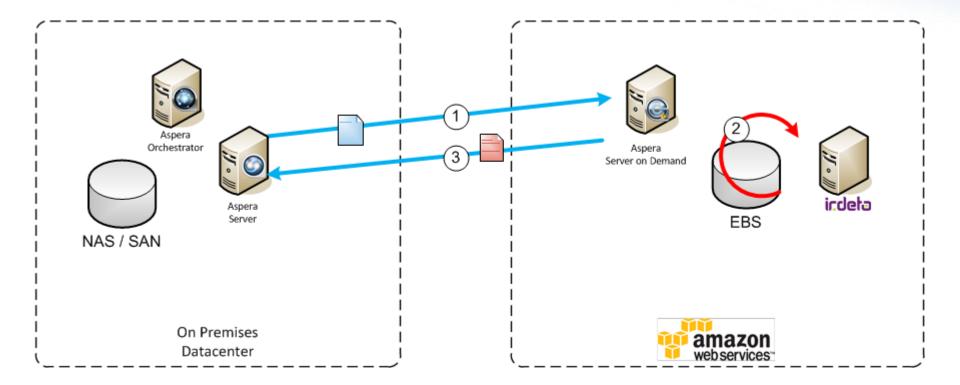
- No spare systems
- No encryption software
- No Cap-ex budget for last minute projects

What is the solution?

- Need infrastructure now
- Need lots of it for a short project

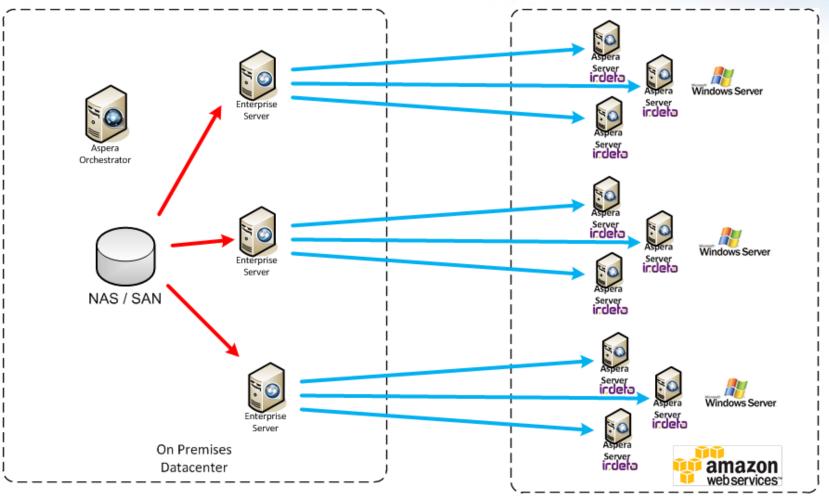


CABLE COMPANY

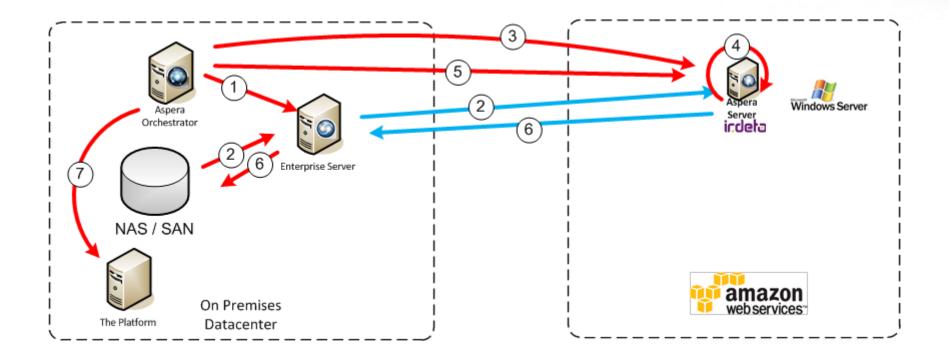




CABLE COMPANY









EXPERIMENTING WITH THE CLOUD

In summary

- The cloud can scale
- The cloud is available on demand
- The cloud is pay-as-you-go

Can this work? What are the potential bottlenecks?

- On-premises storage
- On-premises firewall

Is traditional on premises IT infrastructure ready for the challenges of tomorrow?



Moving to the Cloud



Business challenge:

"We are shutting down our datacenter and moving everything to the cloud."

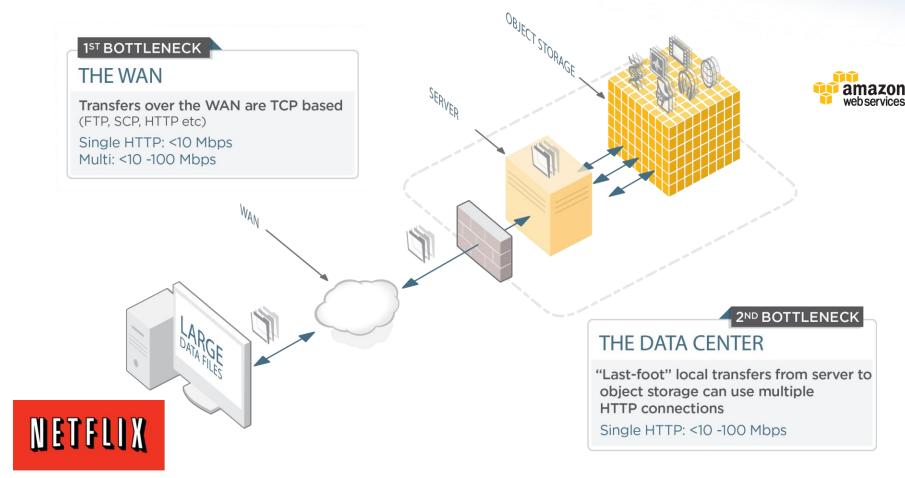
Technical challenge:

- Ingest movie and tv show assets into AWS S3
- Average 100 TB per month
- Multiple content providers



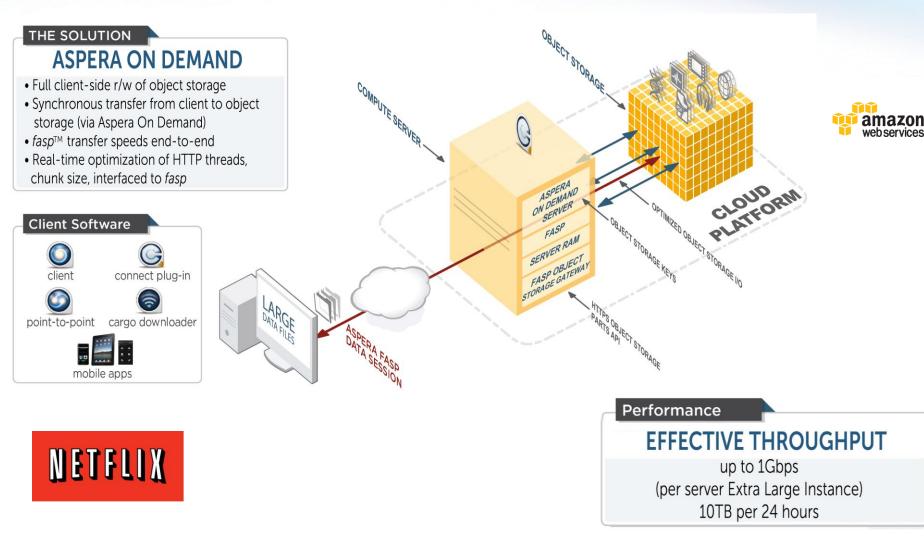


MOVING TO THE CLOUD



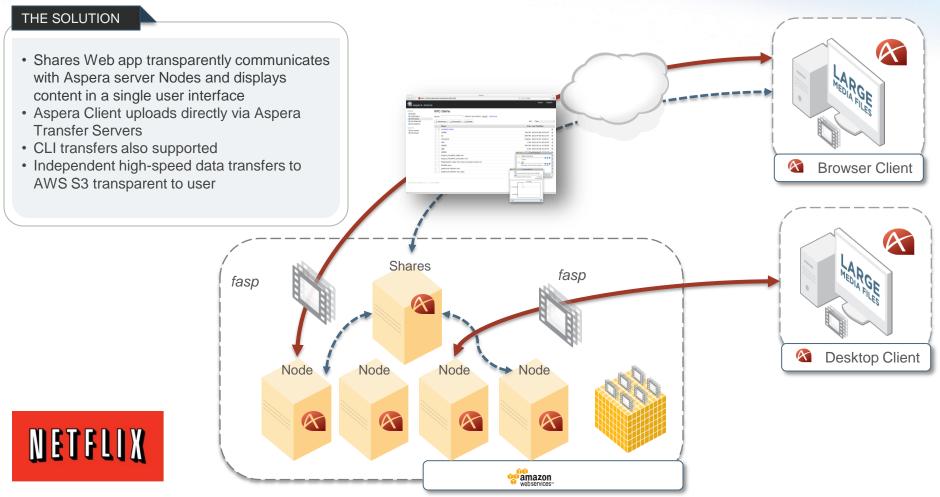


MOVING TO THE CLOUD WITH DIRECT-TO-CLOUD





USE CASE: CONTENT INGEST INGEST VIA CLIENT, BROWSER AND CLI TO PUBLIC CLOUD





EXPERIMENTING WITH THE CLOUD

What is next?

• Elastic scale of the infrastructure, on demand



Innovating on the Cloud

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Sony Media Cloud Services

- New cloud-based collaboration and production service platform from Sony built on AWS
- Applications support collection, production and archive of highvalue, high-definition content
- Integrated with Aspera fasp for high-speed ingest and distribution

aspera

INNOVATION IN THE CLOUD

MEET CI.

Ci is the brainchild of Sony's evil media geniuses who, after witnessing the challenges and complexities of today's media marketplace, built an innovative cloud platform with revolutionary production applications to cure the headaches that surround collecting, collaborating, and preparing content for the world once and for all.

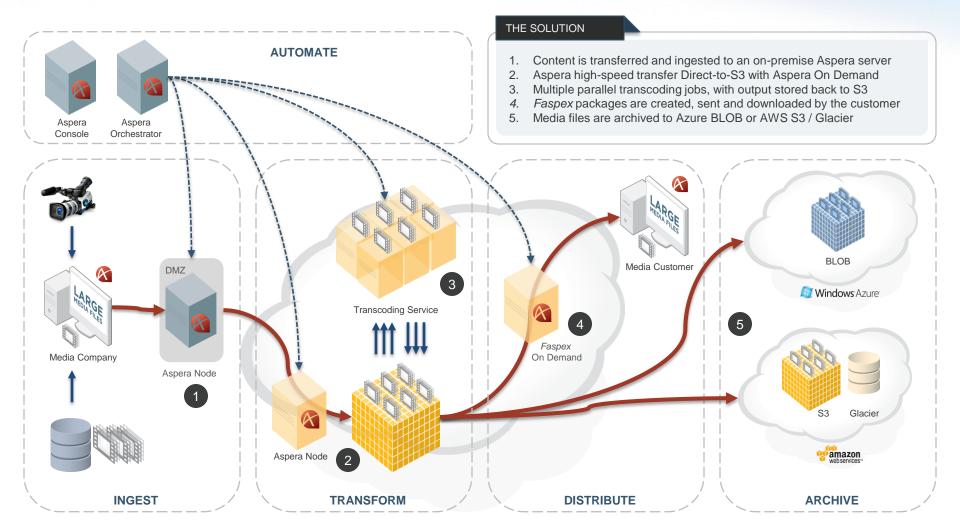
Our on-demand tools are the industry's first innovative production applications created by media professionals, for media professionals to collect, share, create, produce, and archive high-value, high-resolution content more efficiently. With Ci, you can collaborate globally from any location – all with the simplicity, security, scalability, and affordability of the cloud.



www.sonymcs.com



INGEST, TRANSFORM, DELIVER AND ARCHIVE ACROSS HYBRID ACROSS PUBLIC & PRIVATE CLOUDS





File transfer challenges volume





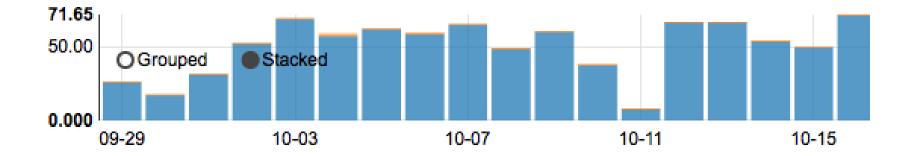
100 TB per month 20 TB up & down in 48 hours 3 PB data 2 Gbps aggregate upload



Overall usages

a 2013-09-29 - 2013-10-28

🔾 MB i 🔾 GB 💽 TB

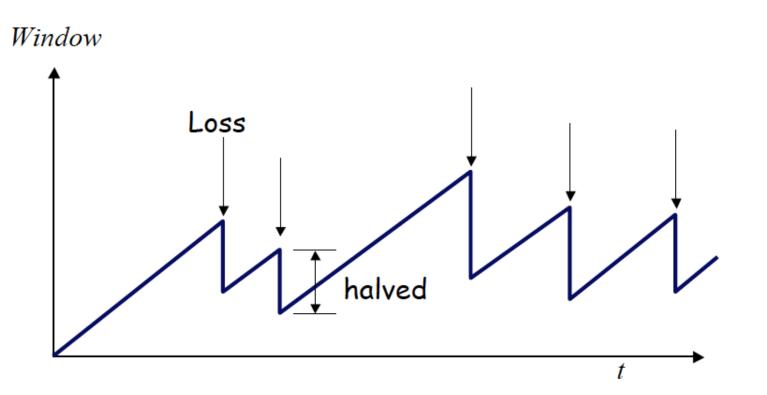




File transfer challenges Speed and Control



The TCP problem...



FASTER



FASTER

The infrastructure bottleneck...









File transfer challenges The eco-system

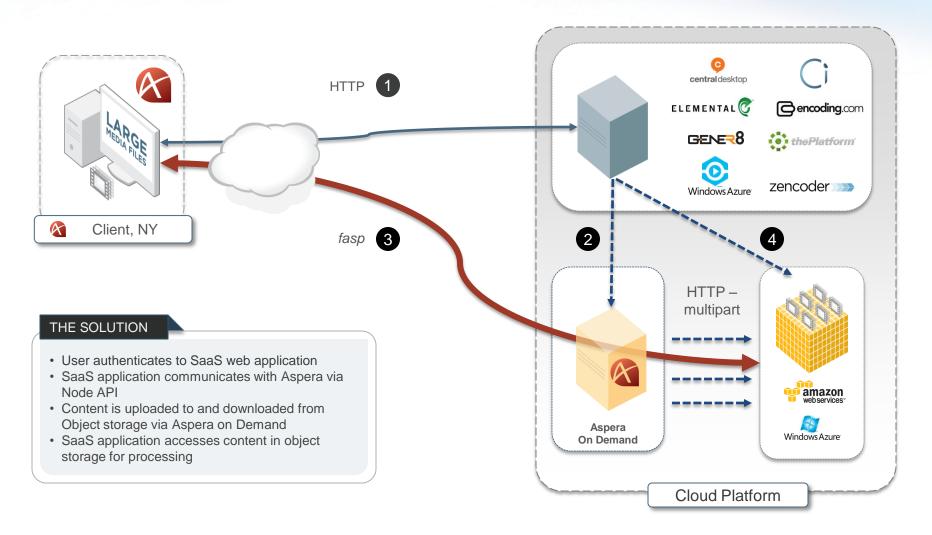


ASPERA TECHNOLOGY PARTNERS





TRANSFER SERVER INTEGRATED WITH CLOUD SERVICES

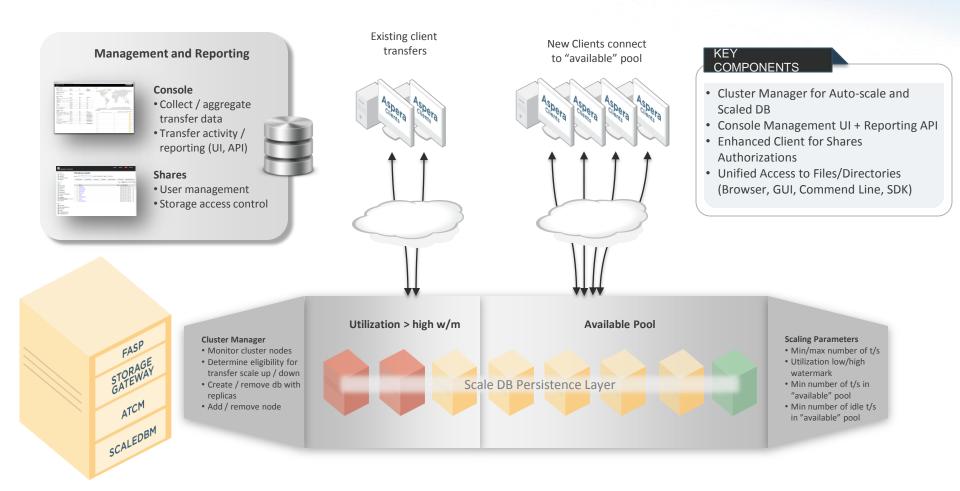




Tomorrows File transfer challenges

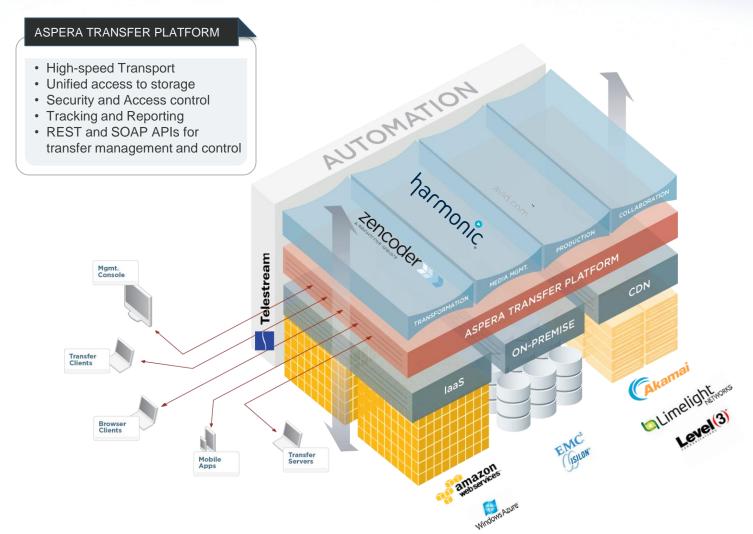
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ASPERA ON DEMAND: AUTO-SCALING PLATFORM





ASPERA TRANSFER PLATFORM



ECOSYSTEM

Automation

- Aspera Orchestrator
- Telestream Vantage

Transformation

- Brightcove/Zencoder
- Elemental
- encoding.com
- Sony Cl
- thePlatform
- Windows Azure

Media Management

- Media Beacon
- Sony
- Vidisione

Production

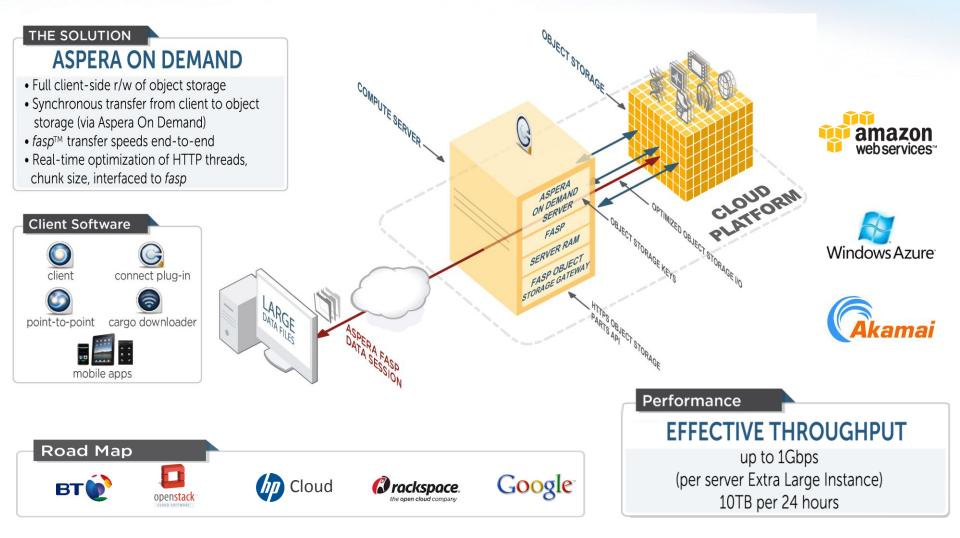
- Avid
- EVS

Sharing / Collaboration

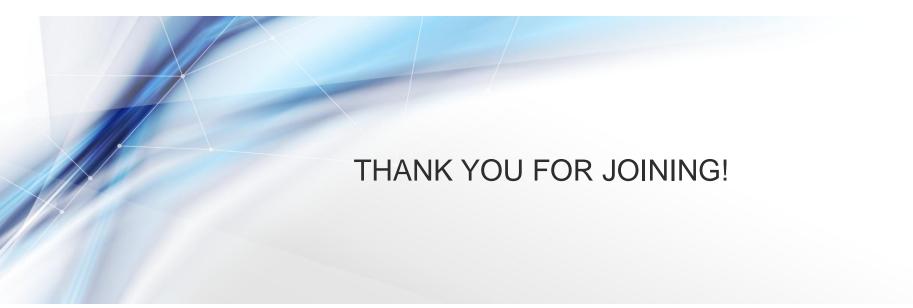
- Aspera Shares
- Aspera faspex



HIGH-SPEED TRANSFER DIRECT-TO-CLOUD







FOR MORE INFORMATION ON ANY ASPERA PRODUCT, PLEASE CONTACT:

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