Jeff Barr, Chief Evangelist

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Pay For Infrastructure as you Need it, Not Up Front

On-Premises

amazon
web services
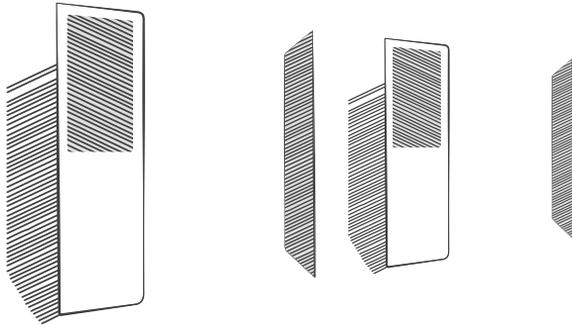
$0 to get started

Pay as you go

AWS's Products

Deployment & Administration

Application Services

Compute   **Storage**   **Database**

Networking

AWS Global Infrastructure
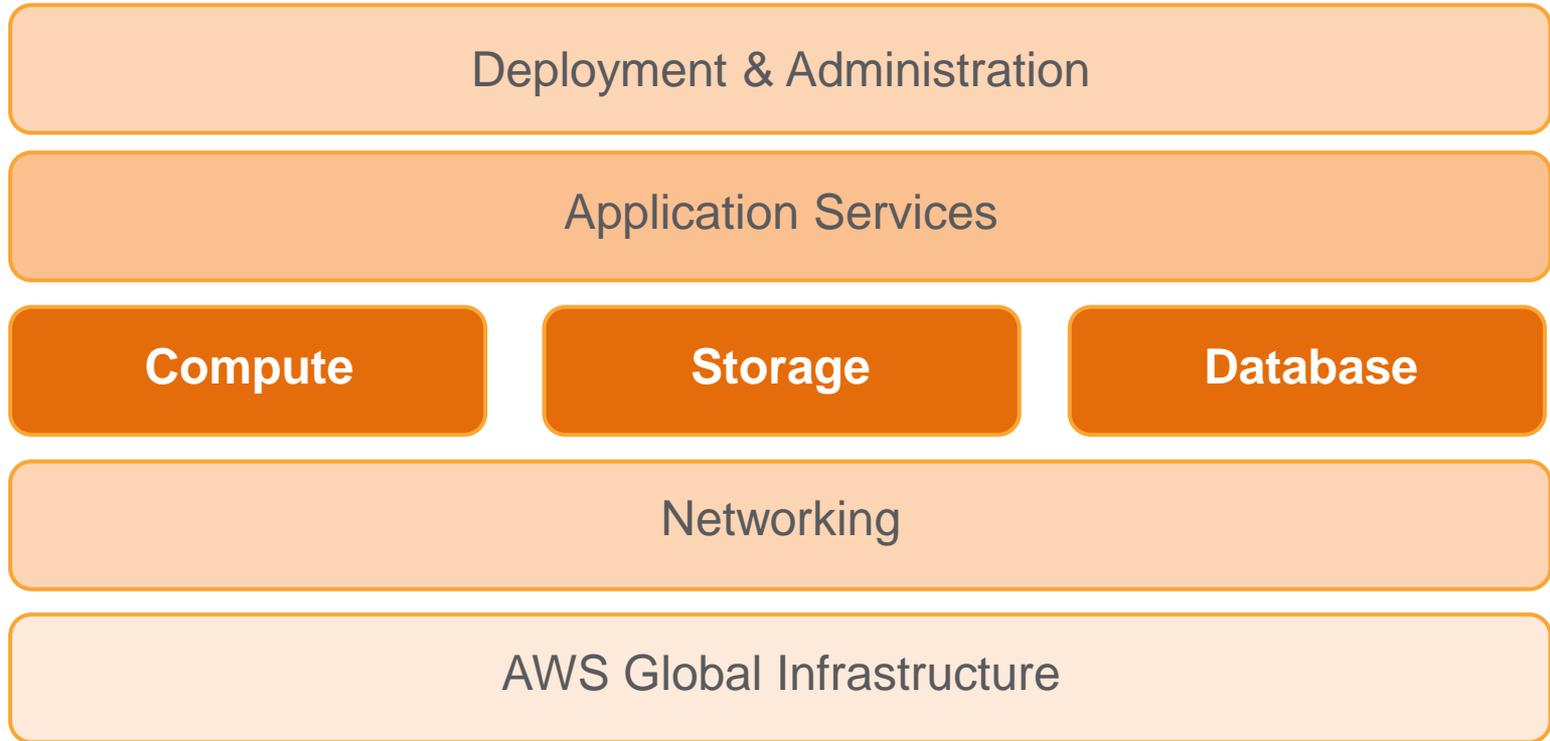
Storage Services

Amazon S3

Internet scale storage via API

Images
Videos
Files

Amazon Glacier

Storage for **archiving** and **backup**

Images
Videos
Files

AWS Storage Gateway

Integrates on-premises IT and AWS storage

S3, Glacier
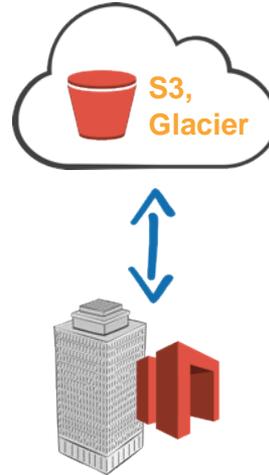
Amazon EBS

Block storage for use with Amazon EC2

EC2

EBS

Storage Services – Amazon S3

Amazon S3

Internet scale storage via API

Images
Videos
Files

- Designed for 99.999999999% data durability
- Designed for 99.99% data availability
- Multiple devices, multiple facilities
- Data encrypted at rest and in transit
- Upload data:
    - Custom code (APIs)
    - GUI (AWS Management Console)
    - Command line
    - Commercial & open source tools
- Storing 2 trillion objects
- Handling 1 million requests / second
- Access control lists
- Lifecycle management (versioning, archiving)

Storage Services – Amazon Glacier

Amazon Glacier

Storage for **archiving**
and **backup**
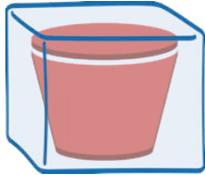
Images
Videos
Files

- Designed for 99.999999999% data durability
- Store in milliseconds, retrieve in 3-5 hours
- Upload archives directly or from S3
- Data encrypted at rest and in transit
- Upload data:
  - Custom code (APIs)
  - Commercial & open source tools

AWS Global Infrastructure

9 Regions

25 Availability Zones

Continuous Expansion

AWS GovCloud (US)

Discussion / Q&A