

How to avoid vendor lock-in in a multi-cloud world with Zenko

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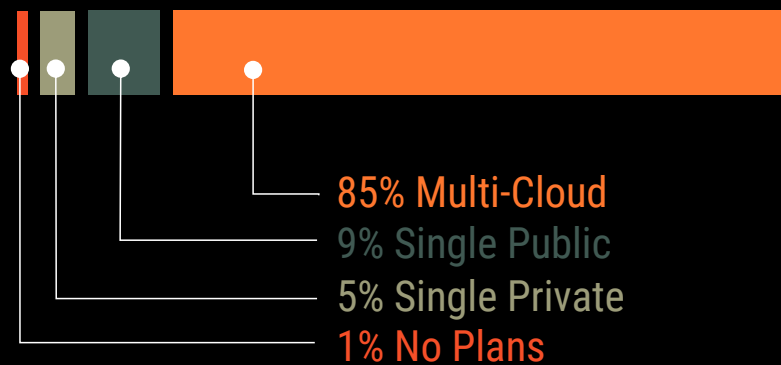


SCALITY

Multi-Cloud is Real

“There will not be only one cloud...but rather a handful of large cloud firms with companies taking a multi-provider approach to the cloud.”

-- Andy Jassy, AWS CEO, Wall Street Journal, Oct 2017



EVERYDAY CLOUD



Basic cloud use /
SaaS applications

Public Cloud for test-dev
or a specific use case

HYBRID CLOUD



Run the same application
seamlessly on premises and
in a public cloud

MULTI CLOUD



The Freedom to chose the
most appropriate cloud for
each application

whether on-premises or
public

Multi-Cloud Across Industries



Major Biopharmaceutical Company

Current heavy AWS S3 users, especially focused on cloud search & workflows



Automotive Manufacturing Company

Regional POPs pushing automotive sensor data and video to cloud for GPU burst-computing



Aerospace Manufacturing Company

Cloud Workflow integrations for media/image recognition (Cloud Vision API) & archiving of inactive data that must be preserved



Connected & Autonomous Vehicles

Collection of vehicle sensor and location data in clouds, access to machine learning & analytics services

Use cases for multi-cloud data management



**Active
Data**

CONTENT DISTRIBUTION

COMPUTE BURSTING

ANALYTICS

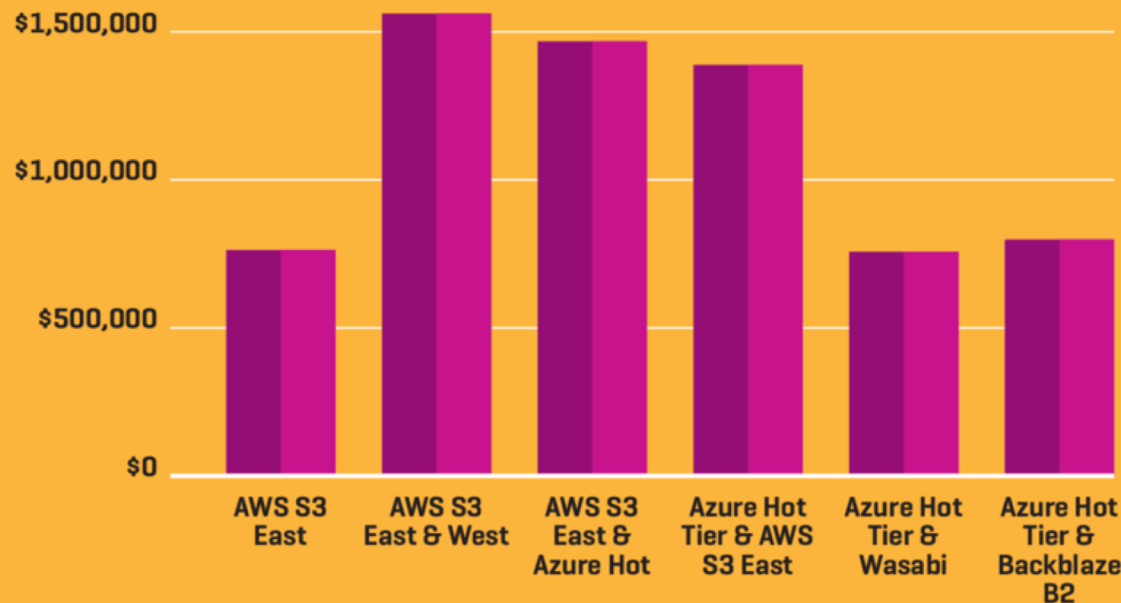
MACHINE LEARNING



**Non-Active
Data**

LONG-TERM ARCHIVAL / COLD STORAGE

The Economics Might Surprise You



3 Year TCO for 1PB

Replicated TCO can be very close to a single copy in one public cloud

Multi-Cloud Data – Challenges



How do I distribute and retrieve data from many different locations in the most efficient way possible?



How can I reduce storage costs?



How do applications and users access data stored in different locations?



Where is my data?





One API across
All Clouds



Metadata
Search

Native Cloud
Data Format



Multi-Cloud
Data Management



ZENKO

Zenko Orbit Try it: zenko.io

The screenshot displays the Zenko Orbit dashboard interface. At the top, the browser address bar shows the URL `https://admin.zenko.io/user#`. The dashboard header includes the Zenko Orbit logo, the user name "Paul Speciale", and a "BETA" badge. A sidebar on the left contains navigation links for Register, MONITOR, CONFIGURE, EXPLORE, WORK, ACCOUNT, and HELP. The main content area features a "Welcome!" message with a call to action to "Install now" and a "Take a Tour" button. A "REPLICATION THROUGHPUT" gauge shows a current rate of 133.51 MB/s. Below this, a "TOTAL DATA MANAGED" section displays "6 GB" across all clouds. A "DATA MANAGED" bar chart shows data distribution across three categories, with a legend for "Current Data" (teal) and "Archived Data" (purple).

ZENKO ORBIT Dashboard

Welcome!
You're about to set up a new multi-cloud data management account.

REPLICATION THROUGHPUT
133.51 MB/s
Replication bandwidth to all configured clouds, averaged over the last 15 minutes

TOTAL DATA MANAGED
6 GB
Across all clouds

DATA MANAGED
Legend: Current Data (teal), Archived Data (purple)

Zenko code on Github

The screenshot shows the GitHub repository page for `scality/Zenko`. The repository is described as "the open source multi-cloud data controller: own and keep control of your data on any cloud." It has 759 commits, 93 branches, 14 releases, 27 contributors, and is licensed under Apache-2.0. The current branch is `development/1.1`. The commit history is as follows:

Commit	Message	Time
giacomoguiulfo	chore(kafka-manager): add curl to Dockerfile	Latest commit 4a280a4 2 days ago
.github	chore: add stale bot configuration	2 months ago
docs	improvement: setting stage for documentation and william edits	20 days ago
eve	ci: enable maintenance and debug in ci	15 days ago
images	chore(kafka-manager): add curl to Dockerfile	2 days ago
kubernetes	Merge branch 'improvement/lightweight-kafka-manager-image' into q/1.1	2 days ago
res	Updated the logo with new color scheme	2 months ago
swarm-production	Doc: New RST files, extensive rework	4 months ago
swarm-testing	Doc review (#123)	5 months ago
tests	Merge remote-tracking branch 'origin/bugfix/ZENKO-1295-s3utils-image'...	15 days ago

www.zenko.io/admin



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ZENKO