

ACCELERATING YOUR BUSINESS

TAMIR SEGAL SR. MANAGER, PRODUCT MARKETING

AUGUST, 2015



XTREMIO IS #1 WITH 31% MARKET SHARE



"Leaders Quadrant in Solid State Analysis" - Gartner 2014

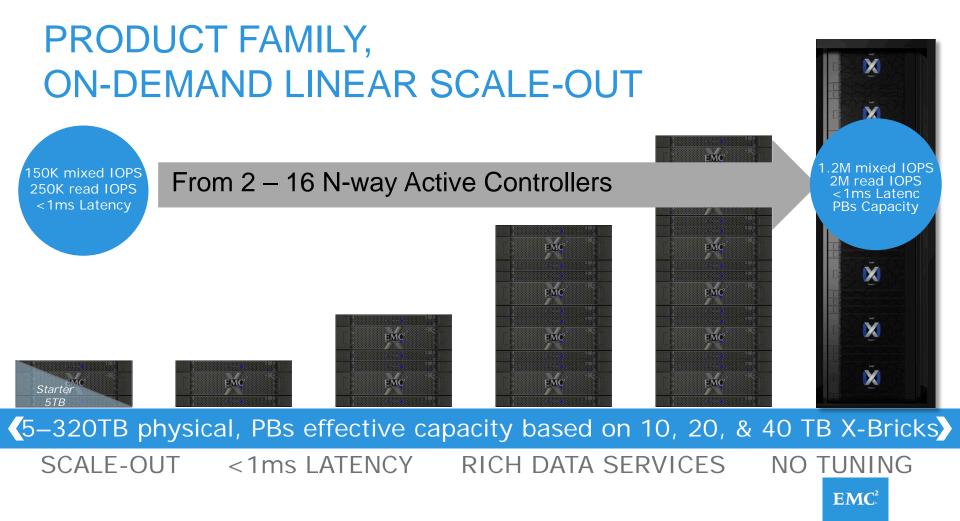
- "#1 Market Share 2014" IDC
- "Leader in Strategic AFA Technology" 451 Research



XTREMIO X-BRICK

Cluster Building Block



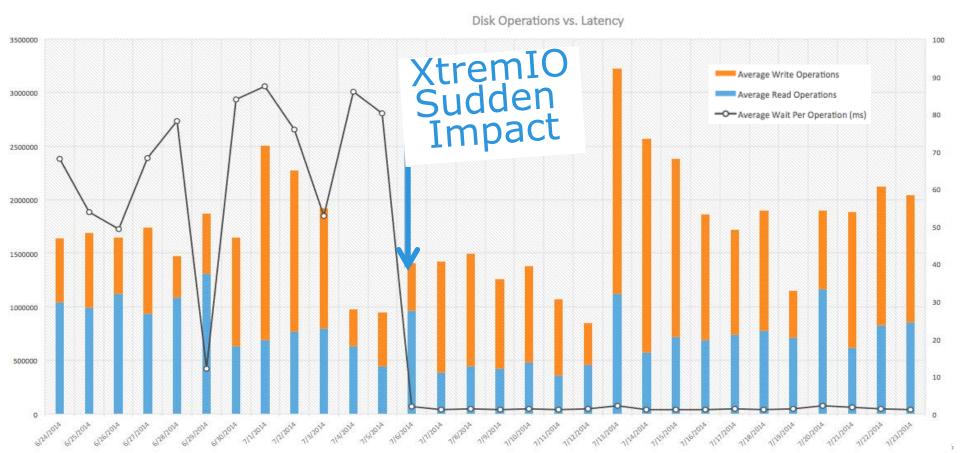


XTREMIO DATA SERVICES ALWAYS-ON, INLINE, ZERO PENALTY, FREE



CONNECTIONS EDUCATION- SQL SERVER CONNECTIONS



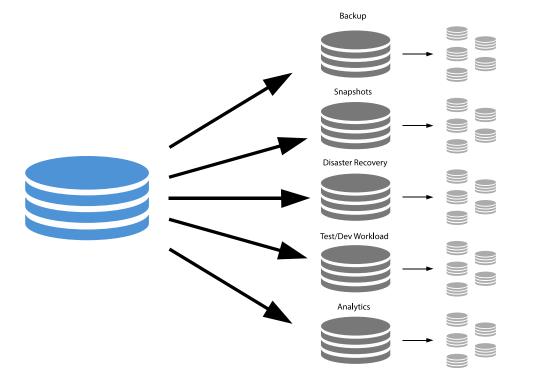


COPY DATA IS OUT OF CONTROL

Every copy of primary data makes multiple copies

IDC: >60% data from copies

A \$44B global expense!





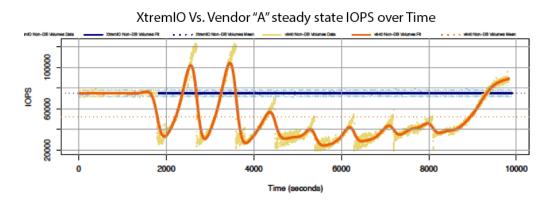
COPY DATA MANAGEMENT APPROACHES

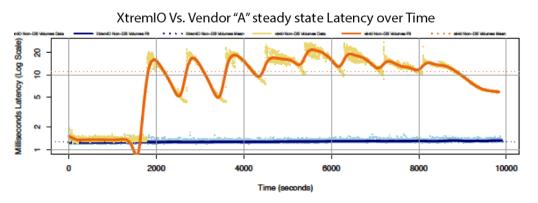
WHY DON'T THEY WORK?

- Method 1 "Space-Efficient" Snapshots
 - Impact production performance, non-production scale, metadata bloat impacts snapshot performance
- Method 2 Full "Brute-force" copies
 - Too Costly, slow development cycles, slow copy/refresh, stale data
- Method 3 Dedicated CDM platform
 - Limited Scalability , non-production scale/performance, Incremental costs



XTREMIO VS. TRADITIONAL SNAPSHOTS





With XtremIO you can't even tell when the snapshots took place. It delivers the same consistent IOPs and low latency

Vendor A's array takes a noticeable performance hit every time the snapshot is created. This would never be a viable option for CDM use cases.



COPY DATA MANAGEMENT

NEW OPTION W/ XTREMIO

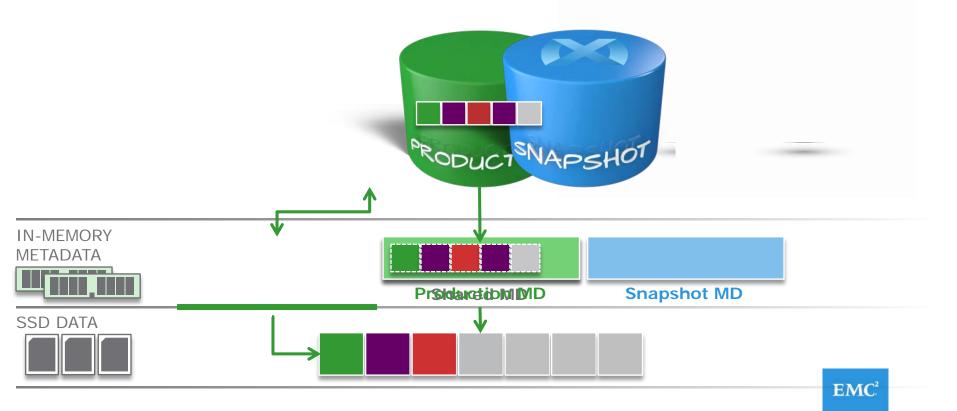
In-Memory

Integrated Copy Data Management



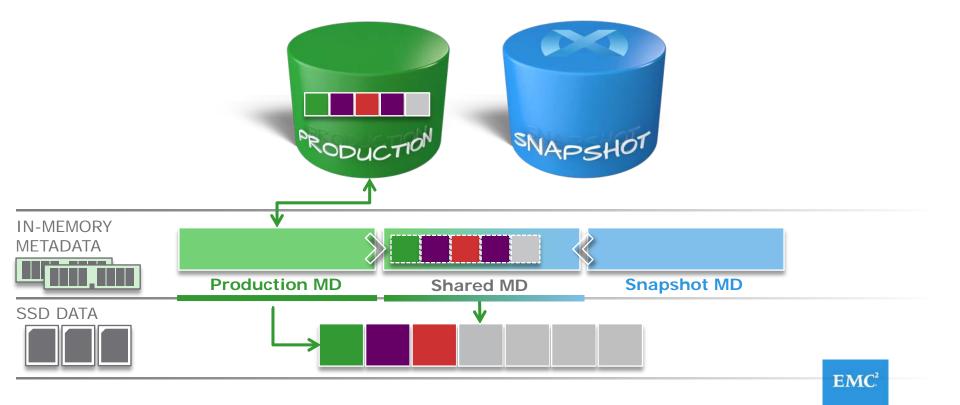
AESING BEEDIONS CIRVE ADIREKOSINSTANTLY

IT ONLY INVOLVES ALLOCATION TO A SMALL CONTAINER



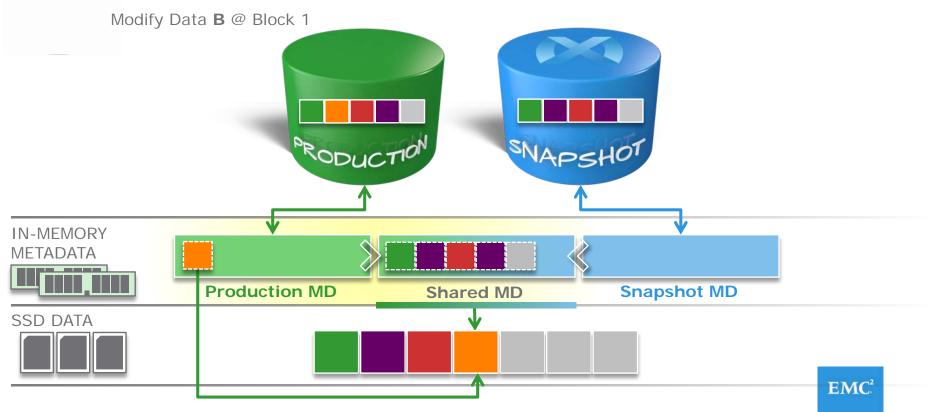
METADATA MANAGEMENT IS EFFICIENT

ENABLING THOUSANDS OF SPACE EFFICIENT COPIES



METADATA MANAGEMENT IS EFFICIENT

THE METADATA IS SHARED AND IN-MEMORY SPACE EFFICIENT



SNAPSHOT PERFORMANCE IS EQUAL

IT'S EXACTLY LIKE WRITING DATA TO THE PRODUCTION VOLUME

Modify Data D @ Block 4 PRODUCTIO SNAPSH01 **IN-MEMORY METADATA Production MD Snapshot MD** Shared MD SSD DATA **EMC**²

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XTREMIO COPY SERVICES



PERFORMANCE

(read, write and latency as volume)

SPACE EFFICIENT

(no metadata bloat, no space reservation, no moving blocks)

IN-MEMORY

(instant creation, immediate deletion, flexible topography)

AUTOMATED WORKFLOWS

app-integration with refresh, scheduling, and self-service

BAILLIE GIFFORD: ANALYTICS

ACCELERATE ANALYTIC PROCESS

GOAL

Accelerate business processing time. System must be ready for a new trading day!



Investment Firm





BAILLIE GIFFORD'S ANALYTIC



50% DAILY BUSINESS PROCESSING TIME

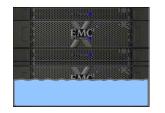


BAILLIE GIFFORD'S CONSOLIDATION

But, WAIT...

There was still plenty headroom for:





PERFORMANCE







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BAILLIE GIFFORD : DEV/TEST

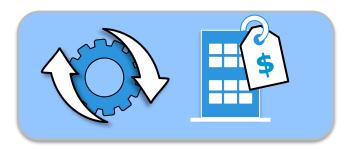
CREATE COPIES ON DEMAND WITHOUT LIMITATIONS

GOAL

Accelerate the development cycle and time to business value



Investment Firm





BAILLIE GIFFORD: DEV/TEST

CREATE COPIES ON DEMAND WITHOUT LIMITATIONS

BEFORE SNAPSHOT

Due to performance concerns each copy was a **full clone of production data**



Investment Firm

30 DAYS OLD







BAILLIE GIFFORD: DEV/TEST

CREATE SAVINGS AND AGILITY FOR THE CUSTOMER

AFTER SNAPSHOT

XtremIO saves tremendous amount of time, capacity and cost to the customer





Investment Firm

30 DAYS OLD	32x DATA SIZE	DAYS
0	1 +∆	30'
IMMEDIATE COPIES FROM PRODUCTION	ONLY UNIQUE WRITES CONSUME CAPACITY	ENTIRE TEST AND DEVELOPMENT IN MINUTES



BAILLIE GIFFORD: DEV/TEST

CREATE SAVINGS AND AGILITY FOR THE CUSTOMER

