Extend the Life of Your SAN with Flash

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Goals

Integrate Flash easily, effectively, and within budget

Extend the life of existing storage

Share, optimize Flash resources to deliver QoS service levels

No Rip & Replace

No Waste

No Manual Migration

The All Flash Data Center

The All Flash Reality

We aren't all Facebook

We will always have a hybrid storage model

Plus there simply isn't enough flash on the planet…

HDD & SDD

Old Flash
& New Flash

Flash &
3D XPoint

ioFABRIC Vicinity

Cost Efficiency

Business Agility

Flash Optimized

Transform Your Storage

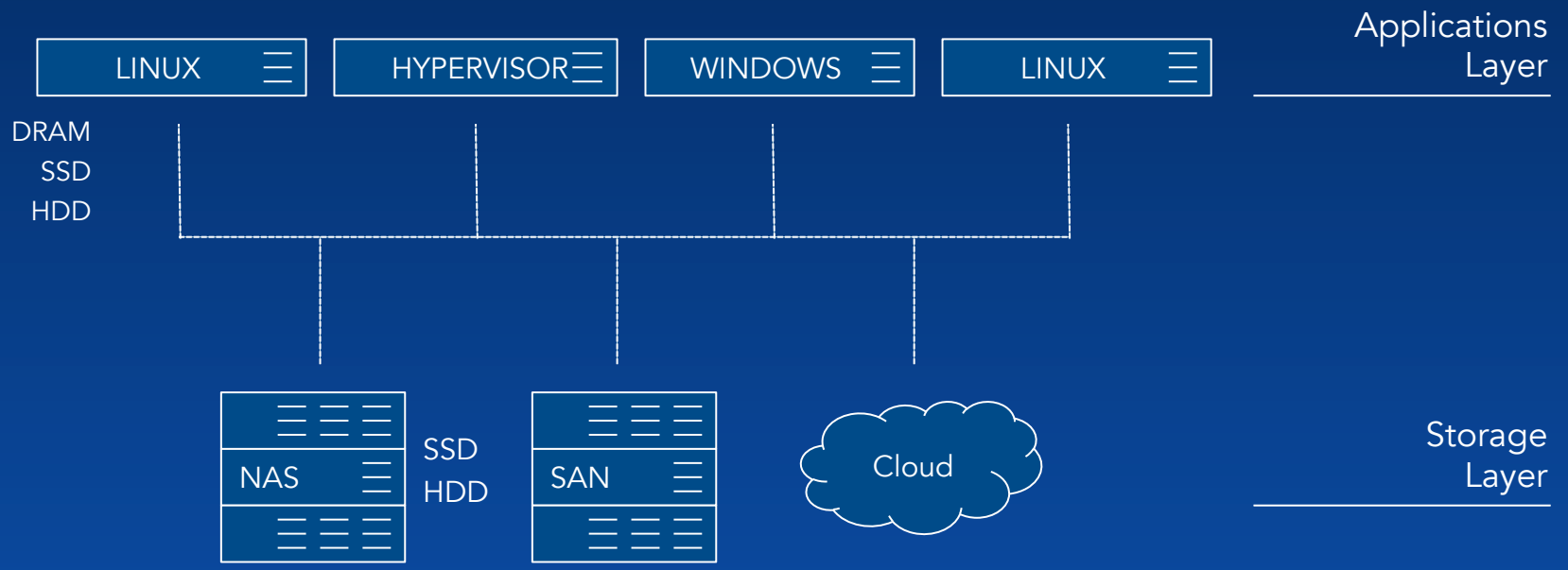
Transform Your Business

Performance

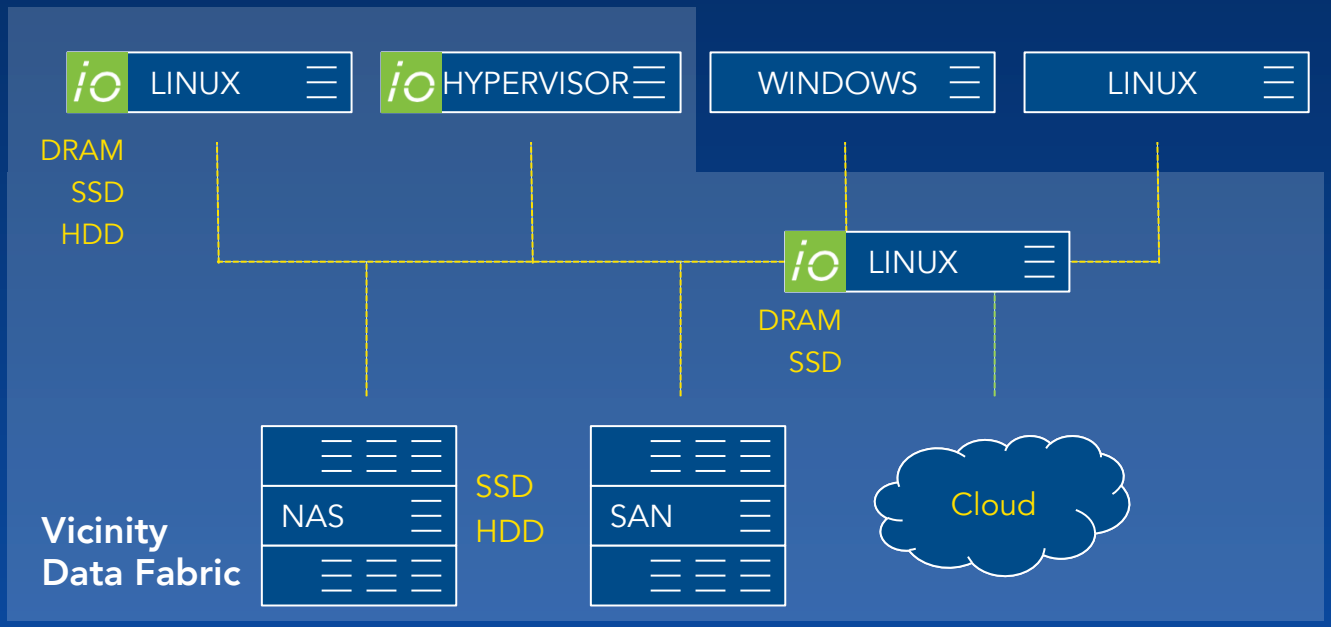
Capacity

Protection

Current Storage Infrastructure



Vicinity Profiles Resources



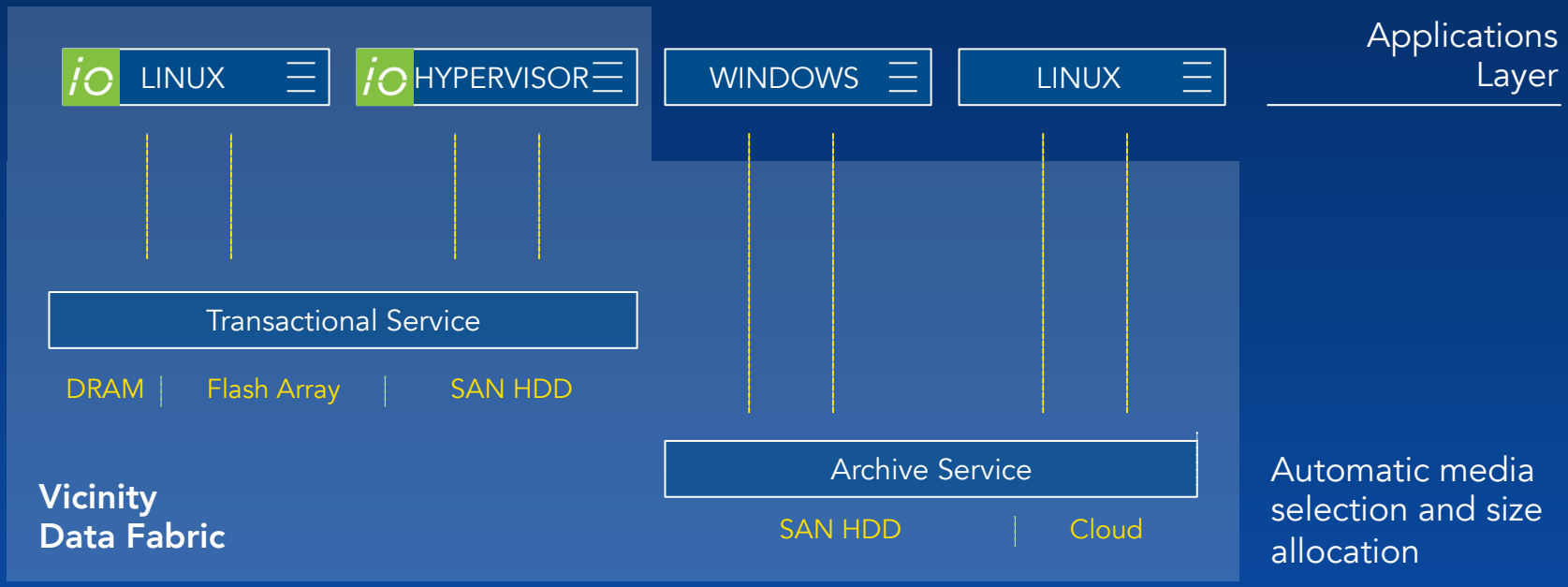
Performance

Capacity

Protection

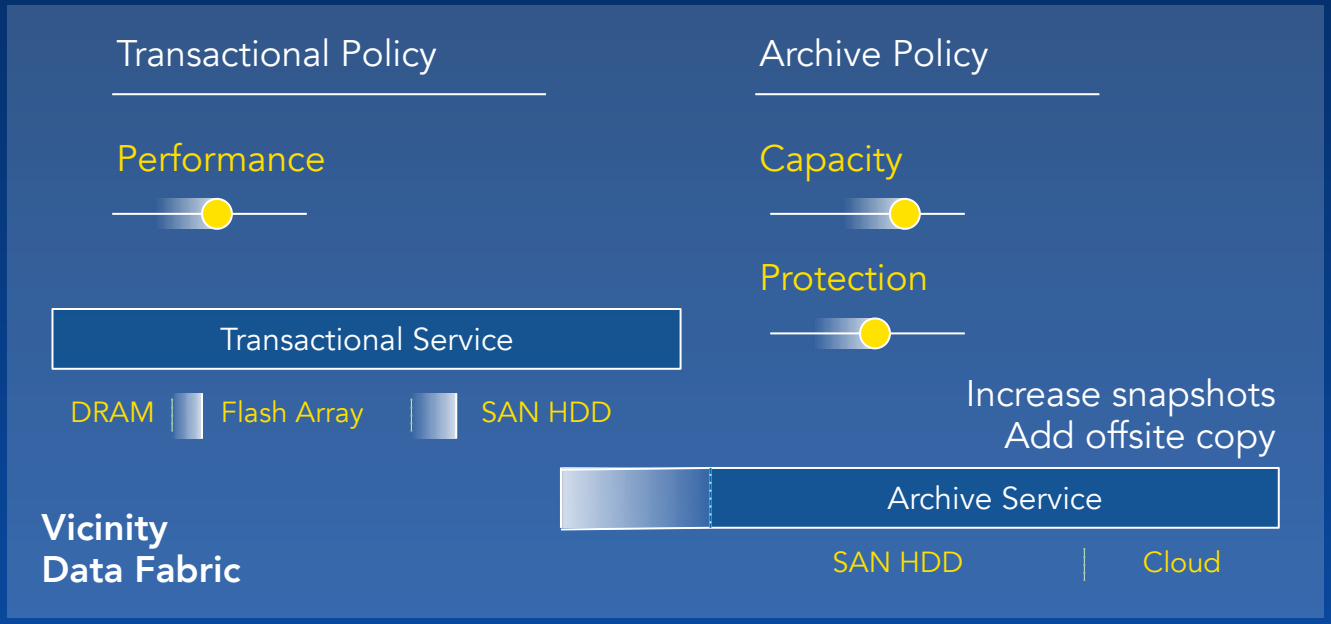
All storage media and systems discovered and profiled

Vicinity Delivers Service Levels



Automatic media selection and size allocation

Services Adapt to Changing Needs



Responds in real-time to infrastructure and policy changes

SAN Challenges

The Challenge	The Solution
Lack of performance	Seamlessly front-end with Flash
Lack of capacity	Flash capacity plus long-tail Cloud
Lack of newer features	SDS
Expensive to upgrade, maintain	Use in less demanding roles
Siloed	Unify

Flash Challenges

The Challenge

Expensive and more performance than needed (1M+ IOPS NVMe)

Where to place Flash and what apps, what data?

Manual migration of application data to Flash

The Solution

Shared Flash. Flash becomes a resource that all apps can use

Automatic utilization. Flash use decided by policy settings

Seamless utilization. Flash for performance data, stale on HDD

Flash with Existing Storage

Make the most of what companies already have

Inject Flash technologies into the existing infrastructure

Non-disruptive, and no new data silos

Flash with Existing Storage

Replace primary storage with Flash

Keep existing SAN for overflow/archival purposes

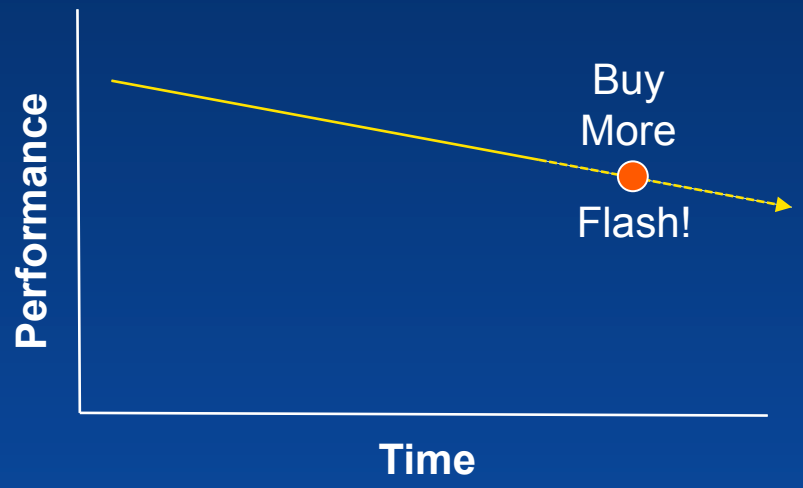
Future proofed: change is constant

Grow Dynamically

Metrics and trend lining

Add Flash performance as needed

New resources effectively used



Summary

Flash as a shared resource handling multiple workloads concurrently

Seamlessly extending SAN life

SAN and Flash automatically used to deliver assured service levels

Q&A

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