STO3331BUS - Cohesity Hyperconverged Secondary Storage: Simple Data Protection for VMware and vSAN

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*Secondary Storage Problem
SDS has changed for the better

Primary storage has improved dramatically
Moving from:
High CapEx costs
Device-centric silos
Complex processes
To:
Policy-based management
Cost-efficient performance
Modern storage architectures

But secondary storage still problematic
Rapidly growing data
6ZB in 2016
93ZB in 2025
80% unstructured
Too many copies
45% - 60% of capacity for copy data
10 – 12 copies on average
$50B problem
Legacy storage can't keep up
Doesn't scale
Fragmented silos
Inefficient

*Cohesity Hyperconverged Secondary Storage
- File shares
- Archiving
- Test / Dev
- Analytics
- Backups
Native Integration with the public cloud

Not just a backup appliance

Consolidate Secondary Storage Silos at Web-Scale
Data Protection with Cohesity DataProtect
(http://www.cohesity.com/product/cohesity-data-protect/)
Third-party backup DB copies with CommVault, Oracle RMAN, Veritas, IBM and Veeam
Files
Objects

inline, post-process, global dedupe

Deliver Data Instantly
Want to make the data useful (via SnapTree) -
https://www.cohesity.com/wp-content/uploads/2015/12/Solution-Brief-Test-and-Dev-Solution-Brief.pdf

Software defined from Edge to Cloud
http://www.cohesity.com/solutions/cloud-integration/
Use Cases
- Simple Data Protection
- Distributed File Services
- Object Services
- Multicloud Mobility
- Test / Dev Copies
- analytics

You can use Cohesity with existing backup products if required or you can use
Cohesity DataProtect

Always-Ready Snapshots for Instant Restores
- Sub-5 minute RPOs
- Fully hydrated images (linked clones)
- catalogue of always-ready images
- instant recoveries (near-zero RTOs)
- integration with Pure Storage

Tight Integration with VMware
- vCenter Integration
- VADP for snap-based CBT backups
- vRA plugin for self-service, poicy-based managemnt

CloudArchive
- policy-based archival
- dedupe, compression, encryption
- everything is indexed before it goes to the cloud - search files and VMs
- individual file recovery
- recover to a different Cohesity cluster

CloudTier
- actively tier cold data to cloud

CloudReplicate
- replicate backup data to cloud

Deploy Cohesity to the cloud (available on Azure currently, other platforms soon)

Pay as you grow platform

Reduce TCO
You can move from Legacy backup, where you're paying maintenance on backup software and deduplication appliances to paying just for Cohesity.

*Shawn Long - http://www.vilogics.com
Support a lot of legacy things, like AIX and so on
People want to consume IT

"Product's only as good as the support behind it"

*Demo Time with Gaetan