



Journey to 360 Data Management

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VERITAS[™]

The truth in information.

Information is Your Most Critical Asset ...



And the One You Won't Outsource

APPLICATION



INFRASTRUCTURE



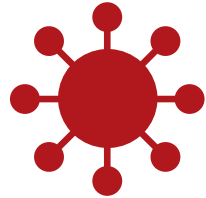
DATA



Challenges with Data Management Today



Complex Cloud
Migration



Fragmented
Protection/Control



Rising Storage
Costs



Stricter
Regulations



Slow App
Development

Veritas Can Help



Multi-Cloud
Migration



Unified Data
Protection



Storage
Optimization



Risk Mitigation &
Compliance

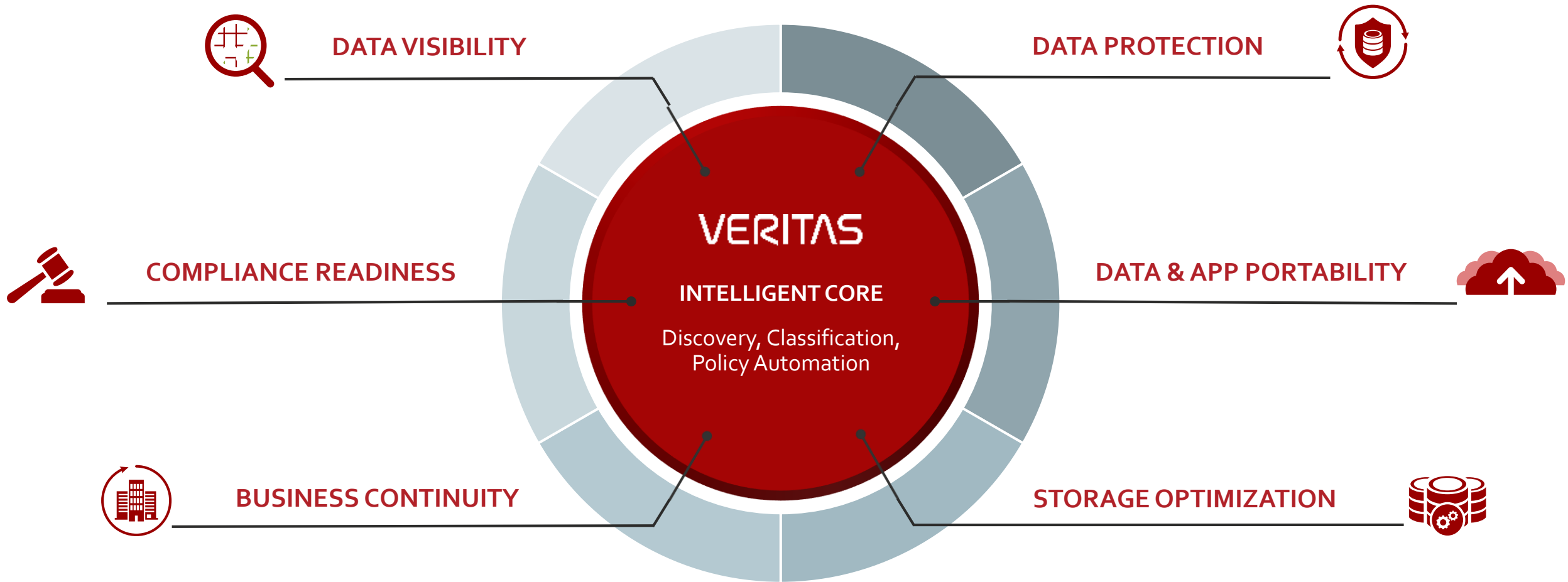


Streamline App
Development



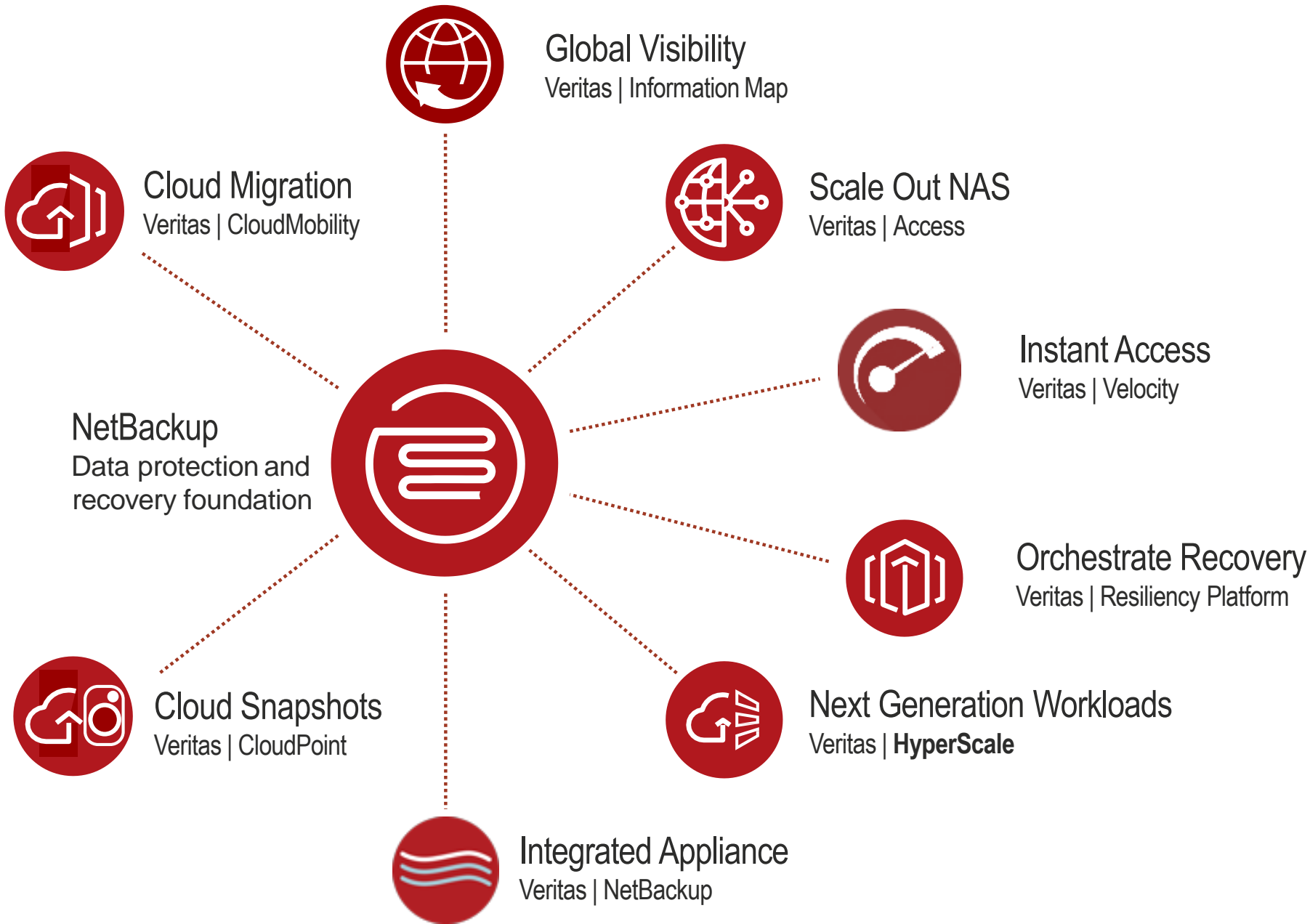
Global Visibility

Veritas' Unique Approach: 360 Data Management





Data Protection



Multi-Cloud Ready



Unified Data Protection for Cloud, Physical and Virtual

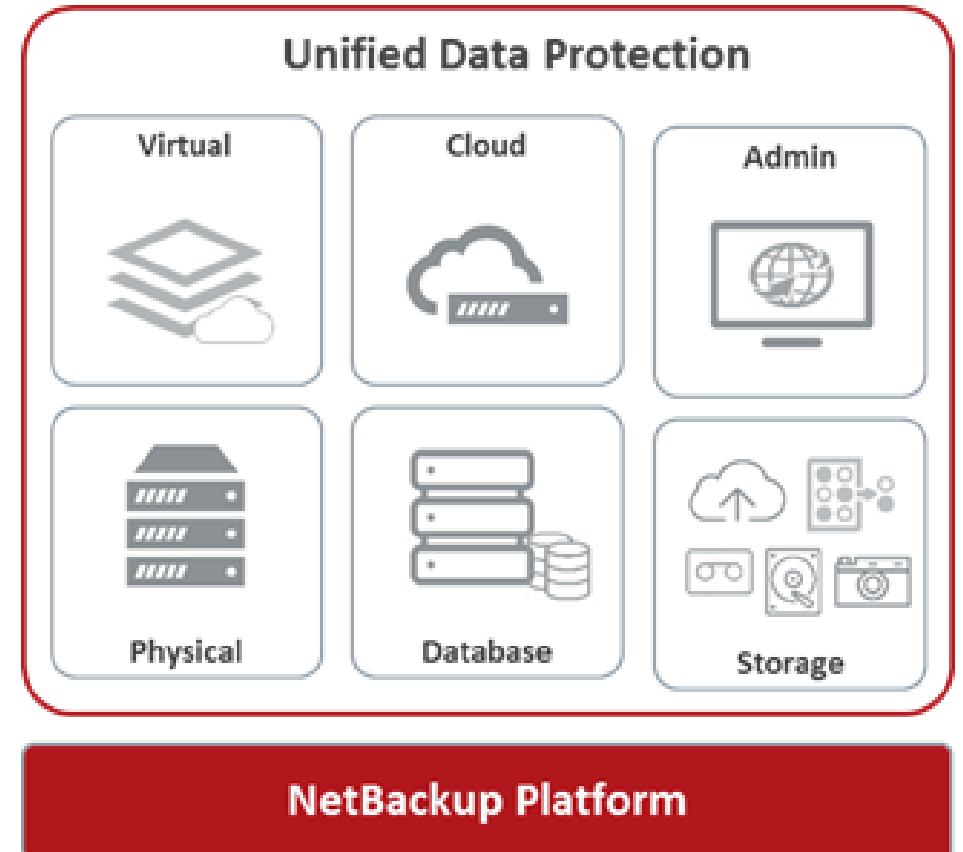
NetBackup 8.0

Challenge

- “Data fragmentation, multiple locations and clouds”
- “Too many silo’d tools to manage data”
- “Need to leverage cloud for cloud economics and agility”

Solution: Unified Data Protection

- Unified Data Protection for cloud, physical, and virtual environments
 - New cloud connectors for Azure, OpenStack
 - New Amazon Machine Image to protect workloads from the cloud
- New Virtual Appliance for Remote Offices
- New self service for IT and LOB



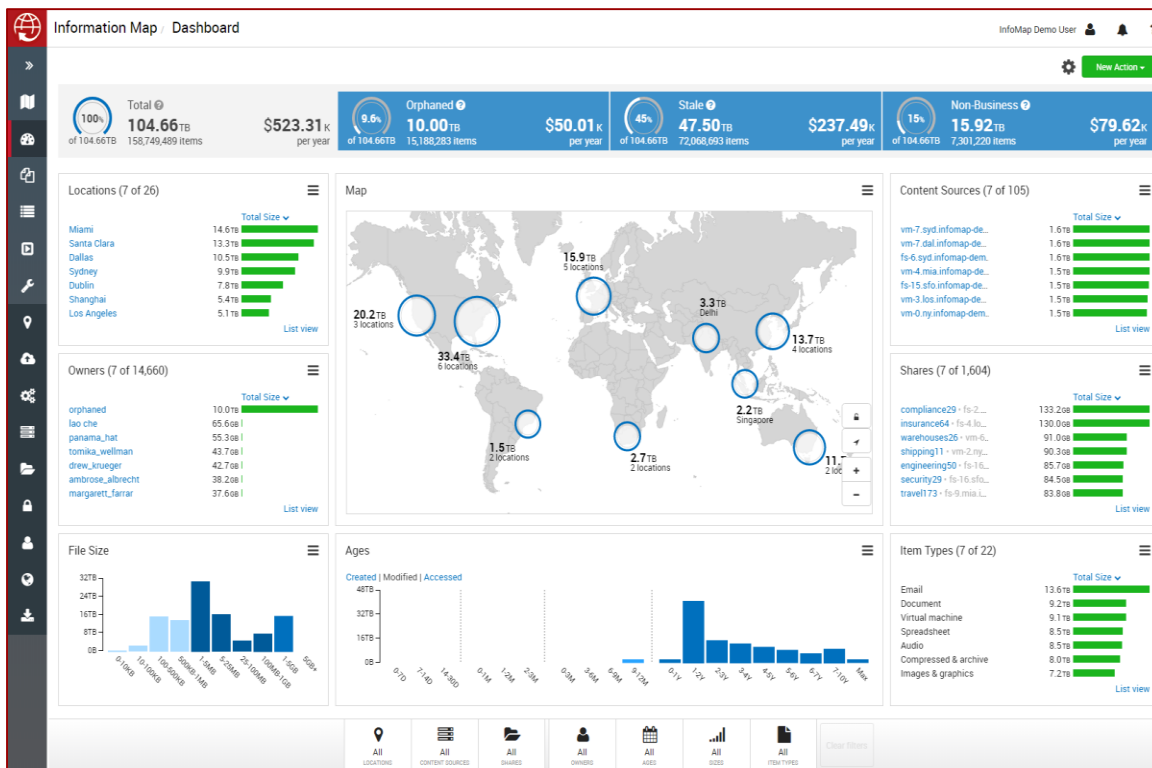
Visualize Your Data

NetBackup & InfoMap

Information Map unleashes your NBU data to transform your most critical data into visible, actionable intelligence, enabling data decisions that improve operational efficiency, reduce risk and lower IT spend

Information Map enables you to:

- Visualize your data, identifying opportunities to optimise information storage and reduce information risk in 24 hours.
- Take direct action to clean your information house, retaining valuable and regulated data, and expiring the rest confidently.
- Assume control over your data through automatic policy enforcement and based on the inherent value to the business



Integrated Copy Data Management

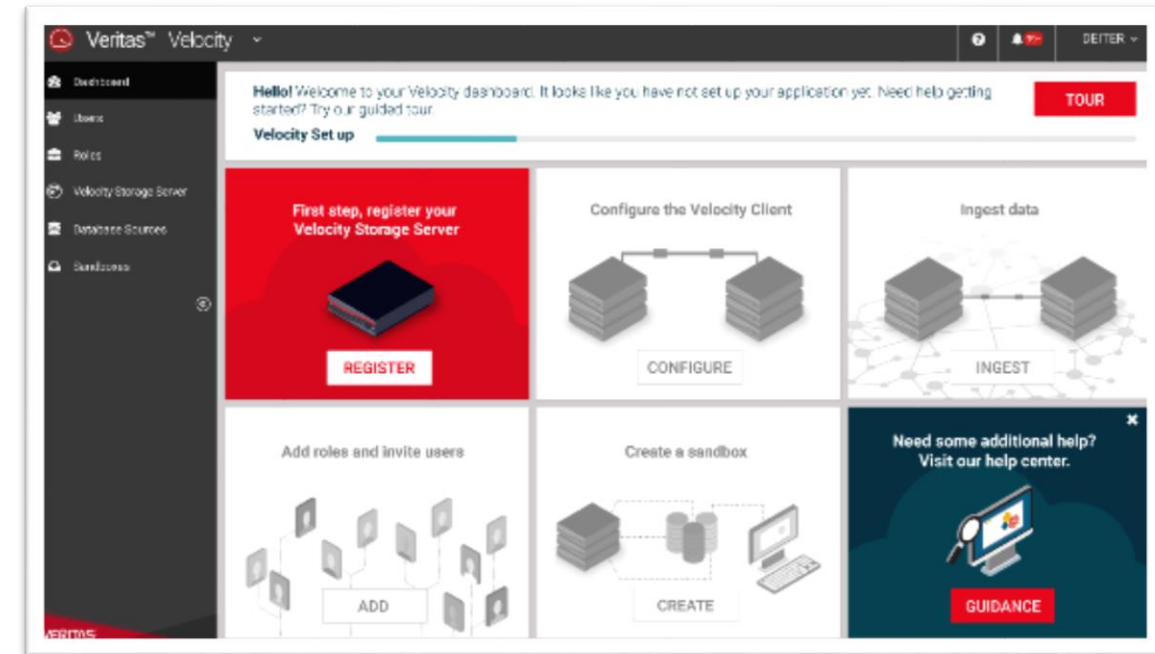
NetBackup & Velocity

Challenge

- “Struggling to keep pace with data growth”
- “I need access to copies of production data immediately”
- “Copy data sprawl increases security risks”

Solution: **NetBackup + Velocity**

- New integration with NetBackup eliminates time and cost to re-ingest data
- Rapid, self-service access to data via role based access permissions
- Dramatically reduce copy data sprawl, cost & complexity of creating and storing physical copies



Cost Effective Long Term Storage

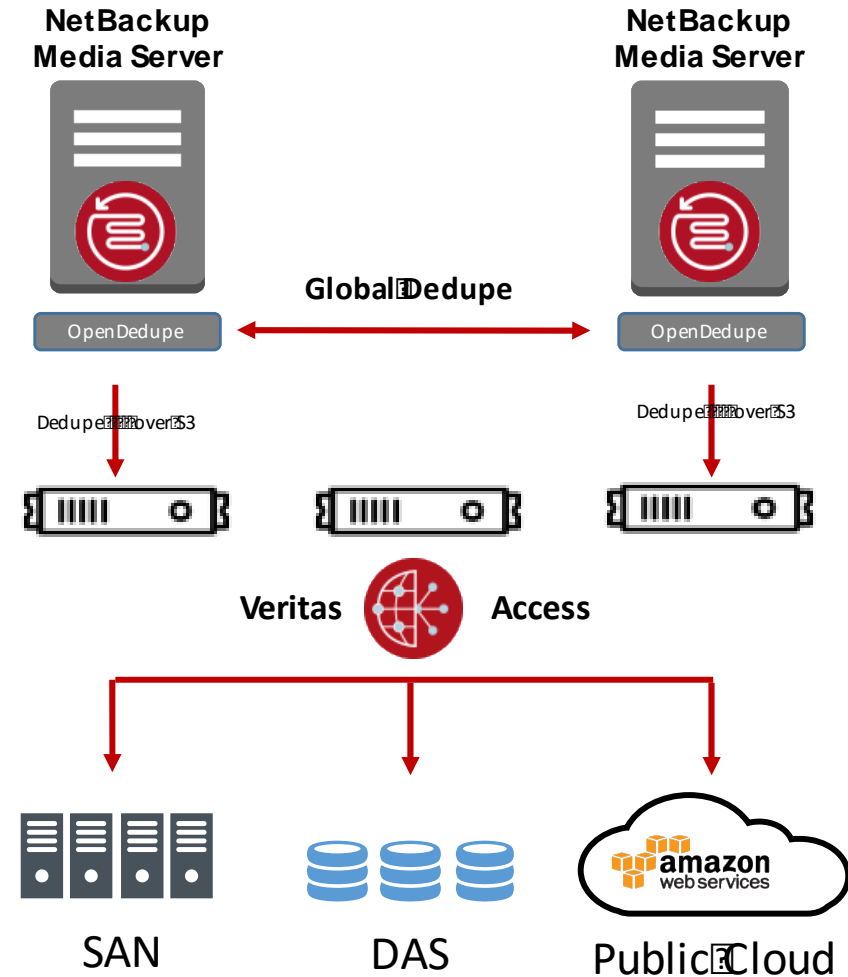
NetBackup & Access

Challenge

- “How can I have a cost-effective long term data retention strategy?”
- “How can I reduce tape management and cost?”
- “How will I manage storage utilization in the face of unstructured data growth?”

Solution: **NetBackup + Access**

- Low cost, flexible alternative for long term data retention
- Eliminate the need for cumbersome, time consuming tape management
- Cost-effective and resilient scale-out & elasticity

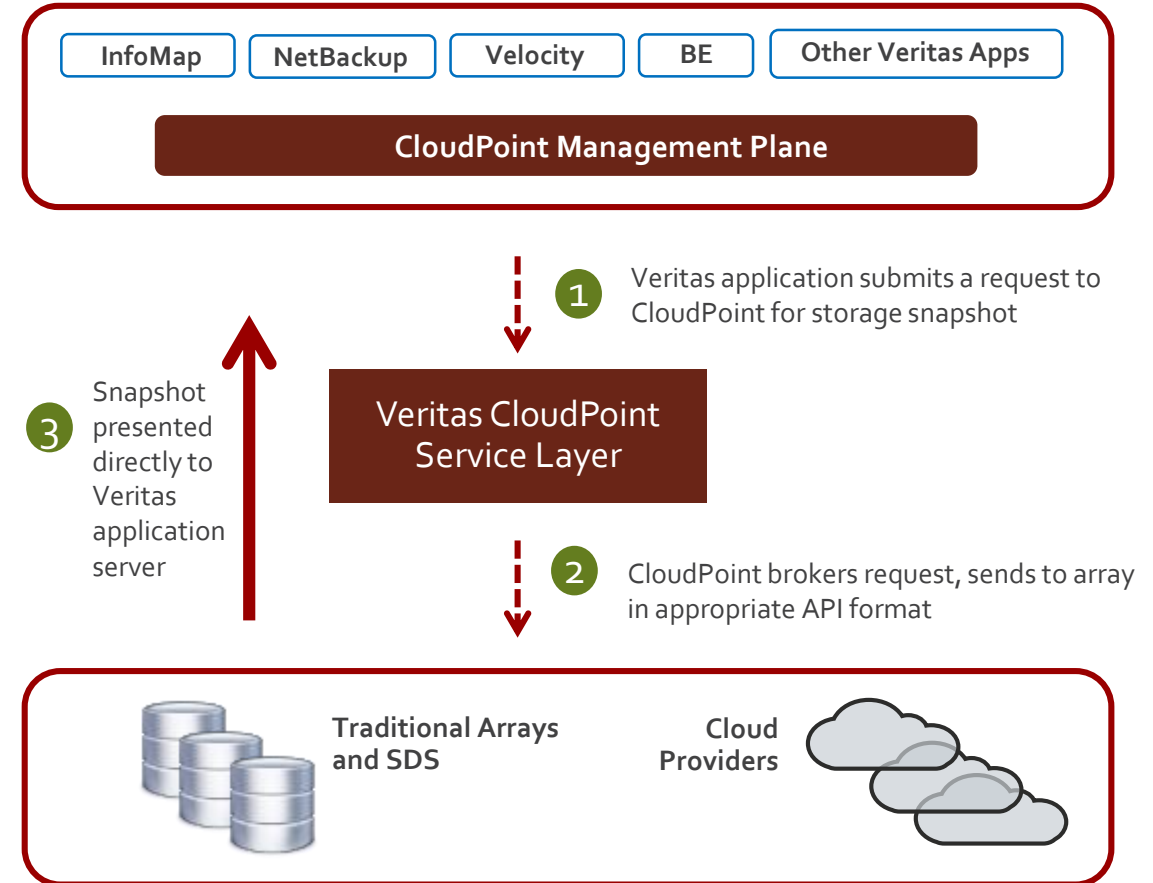


Modern Workload Protection

CloudPoint for Simplified Snapshot Orchestration

CloudPoint:

- Provides snapshot management orchestration across third party storage products including Arrays, SDS, AWS, Azure, Google Cloud and IBM SoftLayer
- Can also serve as a shared infrastructure component that provides abstraction for other Veritas products via REST API
- Enables rapid development of scripted snapshot plugins in weeks; includes simple deployment and plugin update model
- Allows application integration, scheduling, indexing and policy creation to be provided by Veritas product to enable full solution



Predicable Integrated Resiliency

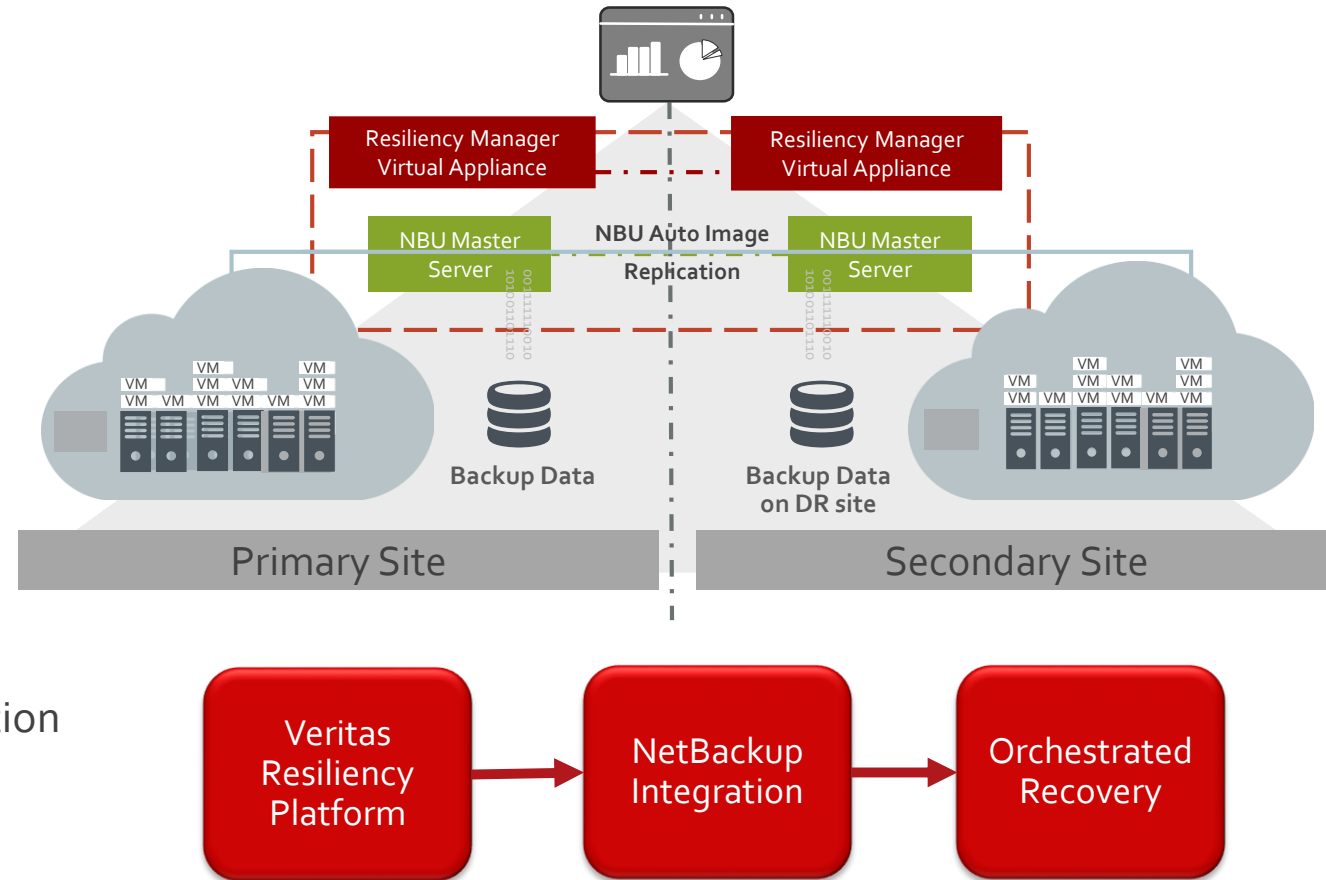
NetBackup & Veritas Resiliency Platform

Challenge

- “How can I recover 1000’s virtual machines quickly?”
- “I struggle to migrate applications”
- “I need to test DR regularly to remain compliant ”

Solution: **NetBackup + VRP**

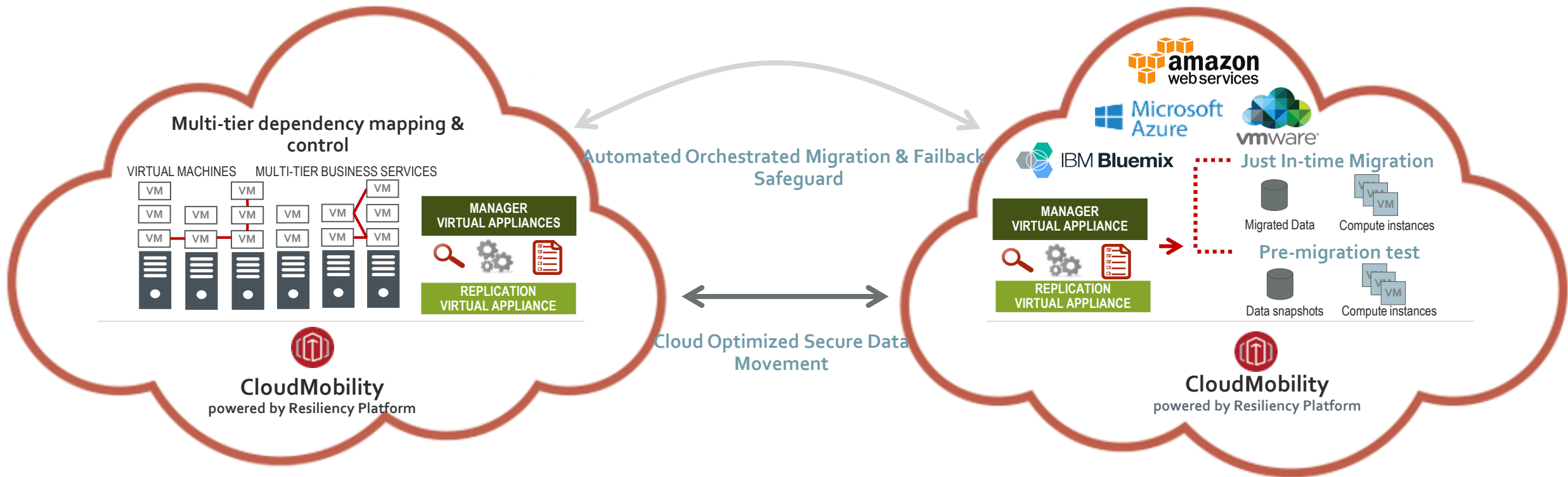
- New single-click migration and recovery using NetBackup data.
- Assured predictability by orchestrating the Application Recovery across all Service Levels
- Simple way to test disaster recovery readiness



One-Click Cloud Workload Migration

CloudMobility Migration Solution

- ✓ Multi- workload and multi-cloud support
- ✓ Pre-migration testing & failback safeguard
- ✓ Built-In Low RPO (5 min) Data Mover
- ✓ Orchestrated multi-tier or dependent workload migration



On premises, Traditional or Private Cloud

Eliminating Complexity with a Scalable and Agile Integrated Solution

Veritas Appliances



Veritas Appliances



Scale with Data Growth



Enhance Resiliency and Performance



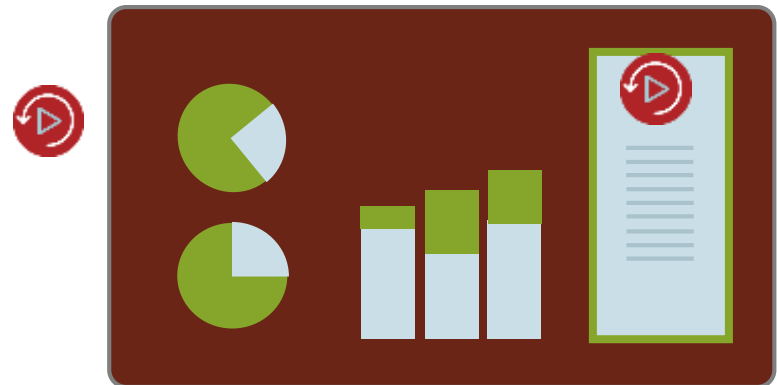
Deliver Converged Solutions for Complex Data Management Problems



Deliver Operational Efficiency & Insight

Unified Data Protection for SMB

Veritas Backup Exec



One License

One Interface

- Complete protection across physical, virtual & cloud from a single platform
- Backup & Recovery across desktops/laptops, server infrastructure, file servers and all applications
- Enables organization to meet recovery objectives from hours to seconds, minimizing business downtime
- Simple to configure and operate - minimizes time spent “doing” backup
- Trusted solution used by 2.2 million organizations in 200 countries worldwide

SMB Cost of Downtime*			
1 Minute	1 Hour	1 Day	1 Week
\$208	\$12,500	\$150,000	\$750,000

Packaging Simplicity: 360 Data Management Suite

	BRONZE	SILVER	GOLD	Products
Data Protection	✓	✓	✓	• NetBackup Complete Edition
Data Visibility	✓	✓	✓	• Information Map
Compliance Readiness	✓	✓	✓	• Enterprise Vault File Management
Business Continuity		✓	✓	• Resiliency Platform
Data/Workload Portability		✓	✓	• CloudMobility/Resiliency Platform
Storage Optimization			✓	• Velocity & Access

- Single license meter = pricing per TB (front-end)
- No minimum purchase required
- 100% Subscription licensing
- Attractive discount vs individual products

360 Data Management Suite – License Models

	BRONZE	SILVER	GOLD	Subscription	Hybrid	
Data Protection	✓	✓	✓	<ul style="list-style-type: none"> Subscription 	<ul style="list-style-type: none"> Perpetual 	
Data Visibility	✓	✓	✓		<ul style="list-style-type: none"> Subscription 	<ul style="list-style-type: none"> Subscription
Compliance Readiness	✓	✓	✓			
Business Continuity		✓	✓			
Data/Workload Portability		✓	✓			
Storage Optimization			✓			

New Veritas customers or new deployments

Existing NetBackup customers or expanding deployments



Software-Defined
Storage



Global Visibility
Veritas | Information Map



Scale Out NAS
Veritas | Access



Instant Access
Veritas | Velocity



NetBackup
Data protection and
recovery foundation



Orchestrate Recovery
Veritas | Resiliency Platform



Next Generation Workloads
Veritas | HyperScale



Legacy Apps in the Cloud
Veritas | InfoScale



Optimize Applications for Mode 2

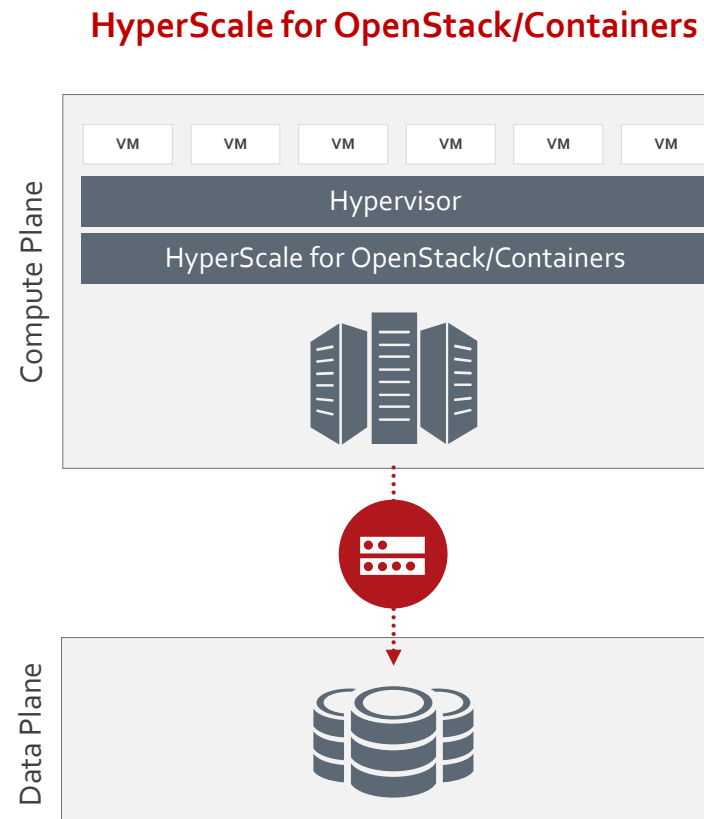
SDS for the New Architectures



Software defined storage for hybrid cloud



Software defined storage for hyper-scale environments



Software defined storage for unstructured data

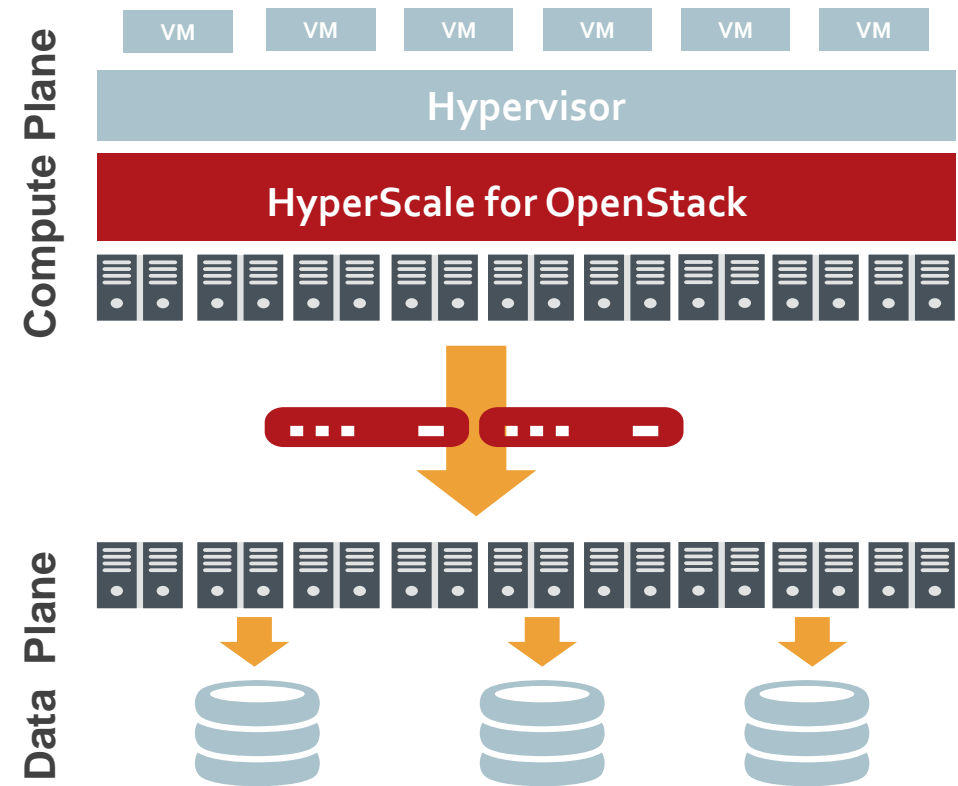


SDS for Private Clouds

HyperScale for OpenStack



- Leverages commodity hardware
- Very high application performance
- Storage Quality of Service
- Integrated data protection with zero backup window
- Confidently deploy Tier 1 applications on OpenStack



SDS for Private Clouds

HyperScale for Containers



Storage Quality of Storage



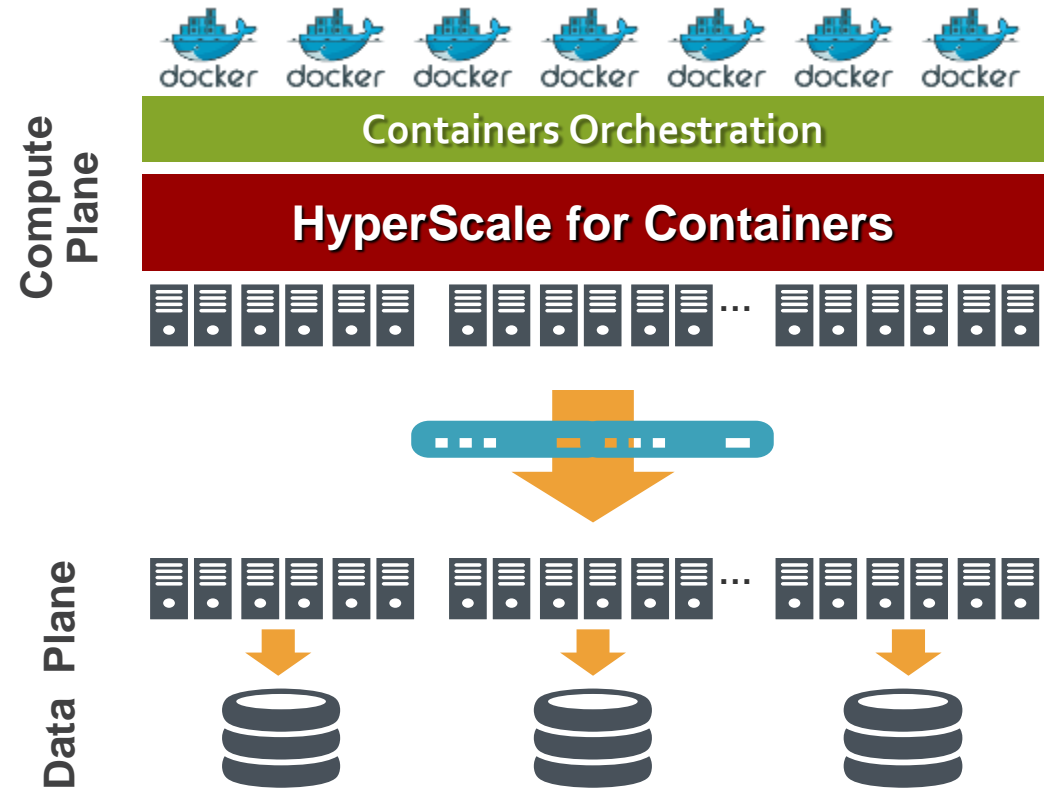
Optimized application performance



Leverages commodity hardware



Integrated data protection with a zero backup window

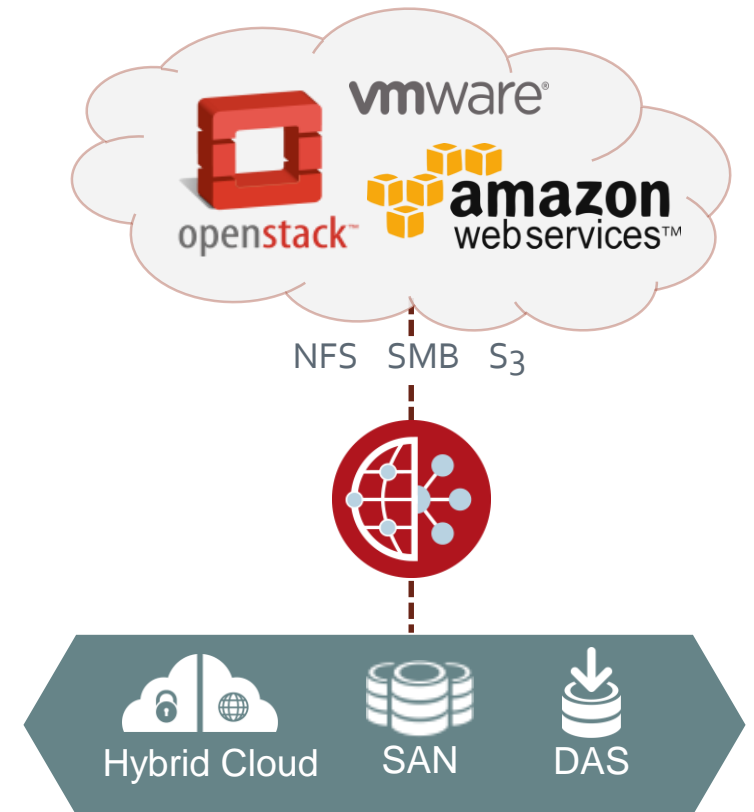


Optimize Application Performance

Access – Scale Out NAS for Any Storage



- Cloud: Seamlessly migrate workloads to and from private and/or public clouds
- Performance: Billions of files with differing attributes
- Heterogeneity: Multiple storage architectures
- Data protection: Embedded NetBackup client
- Cost: Access is 60-70% less costly





**Compliance
Readiness**



General Data Protection Regulation

Main Tenets

- GDPR has broad applicability
 - Be accountable for your data
 - No more data hoarding
 - The 'Right To Be Forgotten'
 - Mandatory breach notification
-
- Penalty for Non-Compliance:
UP TO **4%** OF GLOBAL ANNUAL TURNOVER



Five Capabilities Required for GDPR Compliance



LOCATE



SEARCH



MINIMIZE

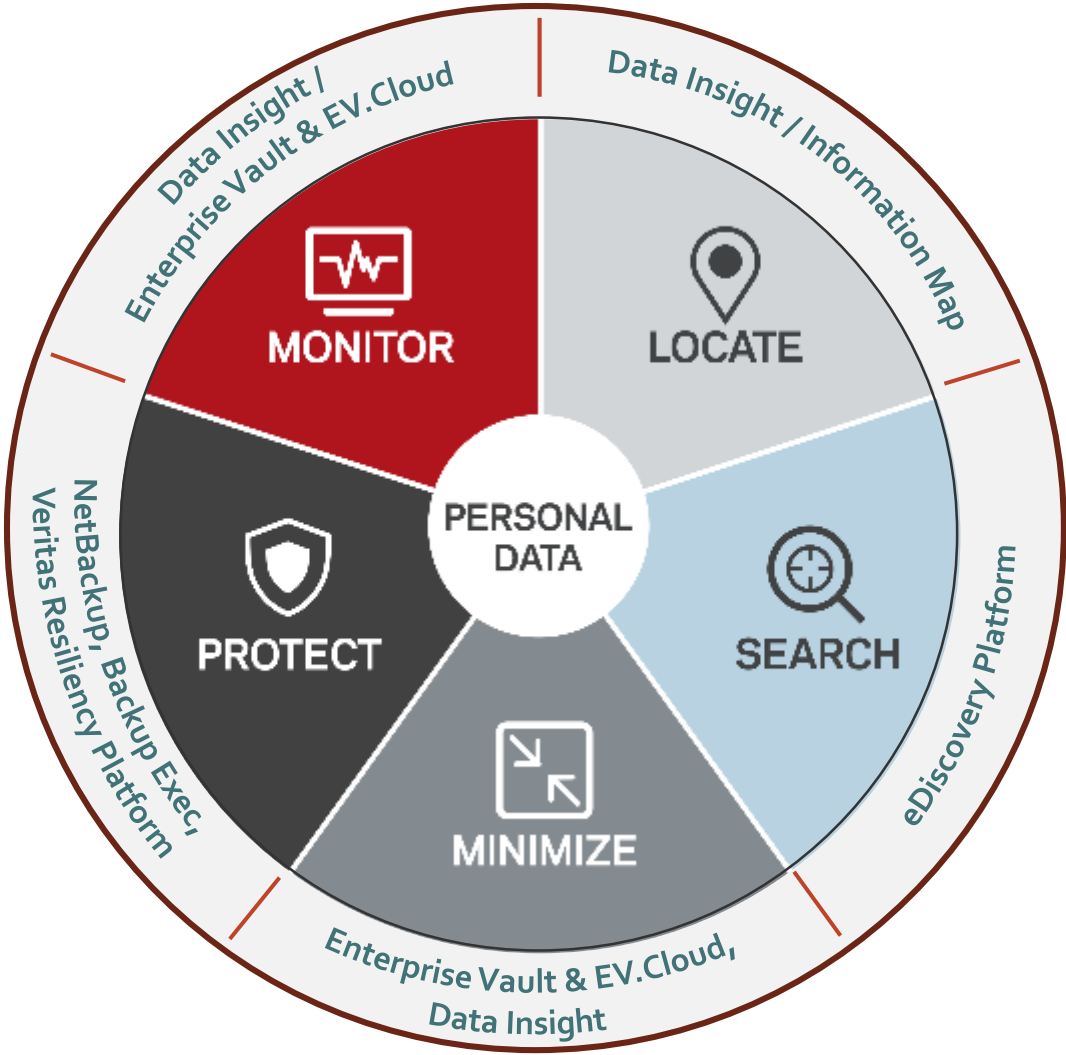


PROTECT



MONITOR

Veritas has a Comprehensive Solution for Regulatory Compliance Readiness





Data Protection



Software-Defined
Storage



Compliance
Readiness

Thank you!

Javier Rodriguez

Sales Director

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