

Passport to Multicloud Success

With Dell Technologies

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Agenda

Multicloud as the path to transformation

Passport to multicloud success with Dell APEX

- Ground to Cloud
- Cloud to Ground





Projected application growth



The promise of containers & Kubernetes





Boost environments rapidly

Lightweight



Minimal resources needed

Portability



Ability to move containers freely

Transformation



Micro-services & app modernization





Emergence of cloud-native applications

Traditional

Dev and IT Operations



Waterfall / ITIL Application Architectures



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Emergence of cloud-native applications



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Dev and testing happen in the public cloud

Strongly disagree Disagree 1% 3% Neutral 7%

Strongly agree 28%

89%

agreed that public cloud is their dev/test location

Agree 61%

Source: ESG Study- Infrastructure for Cloud-Native Development Enable

The ability to run and manage containers across

Very important 58%

97%

Neutral 3%

said compatibility with existing infrastructure is important

Important 39%

Source: ESG Study- Infrastructure for Cloud-Native Development Enablement

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The new path to digital transformation

Organizations prefer this approach because they want the flexibility to choose the right path to best meet their objectives







Multicloud adoption

VMware 2021



of enterprise technology decision-makers are standardizing on multi-cloud



Today's enterprises want consistency, not complexity

91% of enterprise executives² are looking to improve "consistency across their public cloud environments."

Statista: Workload requirements leading to embracing multi-cloud 2023



VentureBeat2022

Report: 77% of enterprises have adopted multicloud hosting

Rackspace: Most popular public cloud combinations

16% use (or plan to use) AWS and Azure, but not Google Cloud 14% use (or plan to use) AWS and Google Cloud, but not Azure 12% use (or plan to use) Google Cloud and Azure, but not AWS 9% of respondents indicated use of (or intention to use) all three hyperscalers





It's a multicloud world

IT leaders want best-of-breed capabilities to achieve differentiated outcomes. They love the ease and agility of the cloud experience and expect it everywhere.

> Public Data cloud center

Edge locations

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CHAOTIC

Repatriation is a reality if rising costs outweigh benefits

RISKY Scattered data expands the attack surface

UNGOVERNABLE Inability to meet compliance requirements

SLOW Some critical apps not ideal for public cloud

COMPLEX

Hyperscalers don't typically advocate for multicloud

Moving to multicloud by default creates CHALLENGES

LIMITED No single provider can meet all needs

SILOED Public clouds are siloed ecosystems

INCOMPATIBLE Interoperability issues lead to lock-in

CUMBERSOME

Traditional models don't measure up to new expectations UNPRODUCTIVE Lengthy planning and overprovisioning

SUBOPTIMAL On-premises vs. public cloud tradeoffs

COST INEFFICIENT CAPEX rigidity or data gravity issues

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MODERN CLOUD

MODERN CONSUMPTION

SIMPLICITY

Take advantage of cloud experiences everywhere



AGILITY React quickly to capture new opportunities

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CONTROL

Minimize risk and maximize performance on your terms





Select the outcomes you need in the environment of your choice.

ACTIVATE





D&LLTechnologies | A P E X

Take advantage of multicloud by design. Get simplified cloud experiences with technology you trust.





APEX Storage for Public Cloud



APEX Storage for Public Cloud





Enhanced Productivity
e t y

APEX Block Storage for AWS and Microsoft Azure



) Dell Technologies has been positioned as a Leader in 2022 Gartner Magic Quadrant Primary Storage report. Gartner does not endorse any vendor, product or service depicted in its research vublications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Carther research bullications, andis toff the ophions of Carther's esearch organization and should not be construed as statements of fact. Gartner disclaims all warranties, express or implied, with respect to this research, including any warranties of nerchantability or fitness for a particular purpose. GARTNER is a registered trademark and service mark for Gartner, Inc. and/or its affiliates in the U.S. and internationally, and MAGIC JUADRANT is a trademark of Gartner, Inc. and/or its affiliates and are used herein with permission. All rights reserved.



Based on Dell's internal price comparison of APEX Block Storage on EBS gp3 vs. AWS native EBS Io2 specs for 500 TB provisioned capacity.

APEX File Storage for AWS



Simplify your cloud experience with file storage that you know and trust



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APEX Protection Storage for Public Cloud









Based on Dell Technologies analysis, February 2023
Based on Dell Technologies analysis, February 2023



APEX Cloud Platforms



APEX Cloud Platforms

Empower unrestrained innovation





CHOICE | COMMONALITY | CONSISTENCY | COMPATIBILITY | CONTROL

APEX Cloud Platform for Microsoft Azure



Bridge the Cloud Divide

Deliver consistent Azure operations - everywhere

Unleash Application Value

Accelerate productivity with familiar developer experiences

Accelerate app modernization with Arc-enabled services on-

Harden Security and Governance

Enforce consistent Azure management and governance from cloud to edge

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APEX Cloud Platform for Red Hat OpenShift





Designed collaboratively to optimize and extend the leading Kubernetes distribution

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Extending our 24-year history as a Red Hat Premier Global Partner



Ideal for workloads performanceintensive workloads

Bridge the Cloud Divide

Accelerate time to value with a purpose-built platform

Unleash Application Value

Seamlessly extend applications and data across the IT landscape

Harden Security and Governance

Enhance control with multi-layer security and compliance capabilities

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APEX Cloud Platform for VMware



Bridge the Cloud Divide

Deploy ideal VMware multicloud to align with your needs

Unleash Application Value

VMs and K8s running on-prem and public cloud

Extend multicloud app modernization with enterprise

Harden Security and Governance

Standardized layers of security across hardware, hypervisor, and multicloud





Dell APEX – Customer success stories



Customer: One of the world's top 4 leading accounting firms, 300K employees worldwide



Challenges:

- Save CapEx and Scale - Support a New Business Venture Improve - Performance



Solutions:

- Dell APEX Private Cloud - Dell APEX Data Storage Services



Benefits:

- OpEx Consumption Model - Built-in Lifecycle Automation Capabilities

- Faster Network Response

Customer:

One of the world's biggest multinational energy solutions company based in US

hallenge	es

- Establish 3 new business lines which requires new IT infrastructure solutions - Need speed and stability

- Save CapEx

Solutions:

- Dell APEX Custom Solution

Benefits:

- Save capital with APEX, up to 30% as business as usual for 3 new organizations - Gain agility and stability



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Customer:

A nutrition company in U.S. develops replacement shakes and dietary supplements, operates in 90++ countries

Challenges:

- Limited CapEx budget - Consolidate infrastructure to reduce data center footprint and associated costs

Solutions: - Dell APEX Flex on Demand

Benefits:

- Has the on-premises cloud-like experience and multicloud capability - Preserves capital to reinvest in lines of business, expanding supply chain and distribution channels



Customer: A big copper and gold mining company in South East Asia

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Challenges: - Save CapEx - Struggling in managing multiple cloud environment



Solutions: - Dell APEX Cloud Platform



Benefits: - OpEx Consumption Model - Reduce human resource with built-in Lifecycle Automation Capabilities





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