Dell APEX Cloud Platforms

Built for your multicloud future

Businesses today rely on their IT organizations to support their increasingly complex operations and remain competitive in the market. To stay competitive and succeed, these businesses seek to build innovative applications and services at unprecedented speed. Many organizations are adopting a multicloud strategy to power their innovations and accelerate application roll-out. However, management complexity, skills gaps and security and compliance concerns create real barriers that are holding organizations back from realizing the promise of multicloud.

What if you could optimize Microsoft Azure, RedHat, OpenShift, and VMware vSphere cloud ecosystems by extending those experiences on-premises, on a common set of building blocks? At Dell, we believe Multicloud-by-Design requires choice, consistency, and control. Dell APEX Cloud Platforms deliver innovation, automation, and integration across your choice of cloud ecosystems while delivering unprecedented flexibility and investment protection over time, so you can empower unrestrained innovation across your IT landscape.

**Dell APEX Cloud Platforms**

Dell APEX Cloud Platforms are a family of fully integrated, turnkey systems integrating Dell infrastructure, automated management and operations software and cloud operating stacks to deliver consistent multicloud operations by extending cloud operating environments to on-premises data center and edge locations.

These next generation platforms deliver:

- **CHOICE**
  Choose the cloud ecosystem that best meets your needs without being constrained by operational considerations. Ensure unprecedented adaptability while protecting your investments with common infrastructure building blocks.

- **CONSISTENCY**
  Accelerate productivity with familiar operational and developer experiences regardless of the cloud ecosystem you choose. Achieve operational excellence with comprehensive automated management and operations software that delivers consistent outcomes across every ecosystem.

- **CONTROL**
  Optimize workload placement across dispersed locations to meet the precise performance, compliance and security needs while enforcing consistent cloud governance and compliance across on-premises and public cloud.
Simplify multicloud

IT today operates in a distributed fashion where applications and data are spread across on-premises data centers, dispersed edge locations and multiple public cloud destinations. If not done correctly, multicloud can lead to operational complexity, increased administrative overhead, and cost overruns.

The APEX Cloud Platform family is designed to eliminate the cost and complexity of multicloud by:

• Providing consistent operational experience and outcomes regardless of location and the cloud ecosystem you choose, with Dell APEX Cloud Platform Foundation Software.
• Enabling you to use familiar tools and interfaces native to the ecosystem of your choice to manage and operate the entire technology stack through its lifecycle.
• Delivering unparalleled flexibility while protecting your investments with common infrastructure building blocks that can easily adapt to support a wide range of cloud ecosystems.

Accelerate application delivery

Organizations are adopting agile, containerized application architectures to deliver critical applications and services at an unprecedented pace. Often, the legacy, outdated approaches to infrastructure create roadblocks for IT and application teams looking to simplify DevOps workflows and accelerate application delivery.

The APEX Cloud Platforms accelerate these DevOps initiatives and modern application delivery by:

• Simplifying and optimizing the delivery of a broad range Kubernetes distributions across distributed IT landscapes with a responsive cloud operational model.
• Enabling you to develop anywhere and deploy everywhere with a common storage fabric between environments that simplifies data and app movement.
• Delivering open APIs, automation tools set and advanced container capabilities through Dell Container Storage Module for increased agility.

Enhance control and governance

Many organizations struggle to build optimal, adaptable workload placement that can address changing workload, security and corporate requirements. Additionally, having data and applications spread across many on-premises and public cloud locations introduces inconsistencies in how security and governance policies are applied, leading to potential vulnerabilities.

The APEX Cloud Platform family enhances IT control and simplifies governance by:

• Enabling agile, adaptable workload placement that can evolve as the priorities evolve, with the common storage fabric that spans multiple on-premises locations and public cloud destinations.
• Providing advanced, full-stack lifecycle management that ensures the entire infrastructure stack always remains in a compliant and validated state.
• Integrating with management and governance frameworks of the ecosystem partners that enable centralized creation and enforcement of governance policies across dispersed deployments.

APEX Cloud Platforms – Built for your multicloud future

The APEX Cloud Platform family of on-premises, turnkey infrastructure platforms provide ideal foundation for organizations adopting multicloud approaches for their IT operations. With the APEX Cloud Platforms, enterprises are able to deliver consistent operational experience regardless of location or the cloud ecosystem they choose. The platforms accelerate delivery of modern applications by empowering organizations to develop anywhere and deploy everywhere, while boosting IT agility and DevOps productivity. They help enhance control and governance by enabling agile, adaptable workload placement while ensuring consistent security and governance across dispersed on-premises and public cloud locations.