

Dell APEX Cloud Platform for VMware

Flexibly deploy the ideal VMware platform for multicloud deployments

Organizations rely on software applications to run their business. And IT must have a platform for application development and hosting that works effectively across on-premises and public clouds. They need access to the latest tools and technologies plus the freedom to run their workloads anywhere. However, management complexity, skills gaps and security and compliance concerns create real barriers that are holding organizations back from realizing the promise of multicloud.

IT teams and leaders have trusted the reliability, innovation, and virtualization of VMware for decades and are looking for ways to extend it more flexibly to support their multicloud environments.

Dell Technologies and VMware have a longstanding partnership developing integrated solutions that simplify HCI and multicloud. Seven years ago, we introduced VxRail, the only jointly engineered HCI to enhance customers' VMware experience. Today, we provide the flexibility for customers to deploy VxRail on premises or as hybrid cloud and have added the option of VxRail compute-only dynamic nodes for additional scaling flexibility.

At Dell, we believe Multicloud by Design requires choice, commonality, consistency, compatibility, and control. The Dell APEX Cloud Platform for VMware is designed to strike the balance between simplicity, scale, and flexibility.

Dell APEX Cloud Platform

Extend and enhance multicloud for VMware

CHOICE

Deliver consistent cloud operations across on-premises and public cloud.

COMMONALITY

Achieve operational excellence with common building blocks and automation.

CONSISTENCY

Accelerate productivity with consistent, familiar operational and developer experiences.

COMPATIBILITY

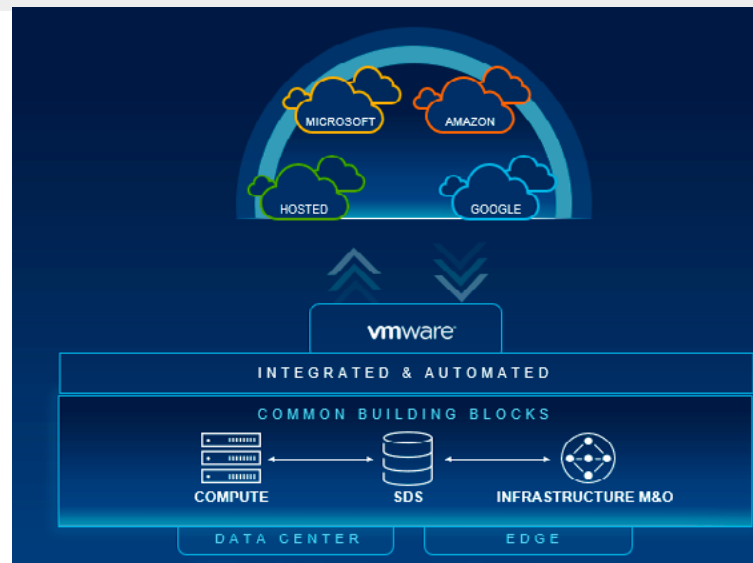
Extend data and applications across multicloud environments.

CONTROL

Integrate layers of cyber-resilient architecture and application security frameworks.

Dell APEX Cloud Platform for VMware

Dell APEX Cloud Platform for VMware is a fully integrated, turnkey system integrating Dell infrastructure and software and VMware cloud operating stacks delivering consistent multicloud operations by extending vSphere operating models across on-premises and edge environments. Managed through familiar tools like vCenter, combined with integrated automation, and leveraging a common Software Defined Storage (SDS) layer powered by PowerFlex, customers can drive consistency throughout multicloud deployments.



SIMPLICITY



Bridge the cloud divide

The Dell APEX Cloud Platform for VMware is built on a common set of infrastructure blocks including hardware based on our newest PowerEdge servers featuring 4th Generation Intel Xeon Processors, and software, and architecture integrated with VMware tools your teams already know. Reduce unique management requirements and automate deployment, configuration, and full stack lifecycle management. Provide data mobility and consistent enterprise SLAs in-cloud and on-premises with common software defined storage (SDS) shared between private and public cloud deployment. This new platform, along with VxRail and VCF on VxRail offerings gives customers the option to deploy VMware HCI, Full Stack VMware HCI, or a VMware platform specifically designed for multicloud.

AGILITY



Unleash application value

Developers and IT teams need infrastructure that allows them to develop anywhere and deploy everywhere. The Dell APEX Cloud Platform for VMware takes advantage of the rich VMware ecosystem with Tanzu and VMware Cloud (VMC) to extend IT and application modernization as well as the ability to manage both VMs and K8s on-premises and in the public cloud. And the shared enterprise software defined storage enables identical storage architectures across your multicloud environments, ensuring compatibility between private and public cloud deployment options.

CONTROL



Harden security and governance

Security is top of mind when managing multicloud infrastructure. Siloed application environments make it difficult to consistently enforce policies to establish a zero-trust approach. The lack of engineered integration between the hardware and ecosystem software increases the likelihood of misconfiguration and discourages updates. Automated full-stack lifecycle management means that upgrades and patches can be applied quickly and non-disruptively to improve security posture. Consistent operating environments across multiple deployments enables teams to apply hardened security and governance across locations. And layers of protection, from the cyber-resilient features embedded in the Dell PowerEdge hardware, to the vSphere security frameworks developed by VMware in the application layer, serve to inherently secure deployments.

Standardize to accelerate innovation

With this new offering, Dell broadens the range of VMware solutions, providing a choice of deployment for HCI and multicloud, Dell APEX Private Cloud, Dell APEX Hybrid Cloud, HCI and now Dell APEX Cloud Platform for VMware.

Specifically designed for multicloud, Dell APEX Cloud Platform for VMware helps organization standardize infrastructure and processes into a single operational model, making it easier for IT teams to deploy, manage, and monitor their infrastructure. A consistent multicloud environment enables developers to

standardize their tools and processes and quickly build and deploy applications on familiar tools across multiple clouds without having to worry about specific configurations. Extending standardization of security tools and processes, helps security teams efficiently and effectively manage and maintain vital updates and security posture across multicloud. And with consistent configuration, engineering and support from Dell, your organization frees up time and resources to deliver innovative services for your business, driving growth.



Learn more about
Dell APEX Cloud Platforms ›



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