



SECURITY MANAGERS CHALLENGE

As companies adopt cloud technologies, IT security teams are tasked with ensuring compliance to security policies and best practices for protecting networks and information against data breaches, while keeping costs under control.

SOLUTION

With Enterprise Hybrid Cloud you can:

- Accelerate your cloud journey with confidence
- Empower IT consumers and deliver cost transparency via a self-service catalog
- Encrypt VMs against data theft anywhere within the hybrid cloud
- Secure application stacks
- Isolate development, test and production environments
- Align data protection services with application demands
- Access IT services in the event of a disaster with active/active provisioning
- Integrate with existing security tools and services

ENTERPRISE HYBRID CLOUD

Security and Data Protection for Security Managers

PRIORITIES AND CONCERNS

Along with new technologies come new concerns. Businesses are eager to move forward with cloud platforms, but security and compliance teams are wary about the potential risks that come along with implementing new cloud infrastructures. Compliance with security best practices is a top concern, along with keeping data protected and readily accessible for IT consumers. In the search for a reliable, experienced cloud platform, Security Managers can turn to EMC.

MOVE TO THE HYBRID CLOUD WITH CONFIDENCE

ACCELERATE YOUR CLOUD JOURNEY

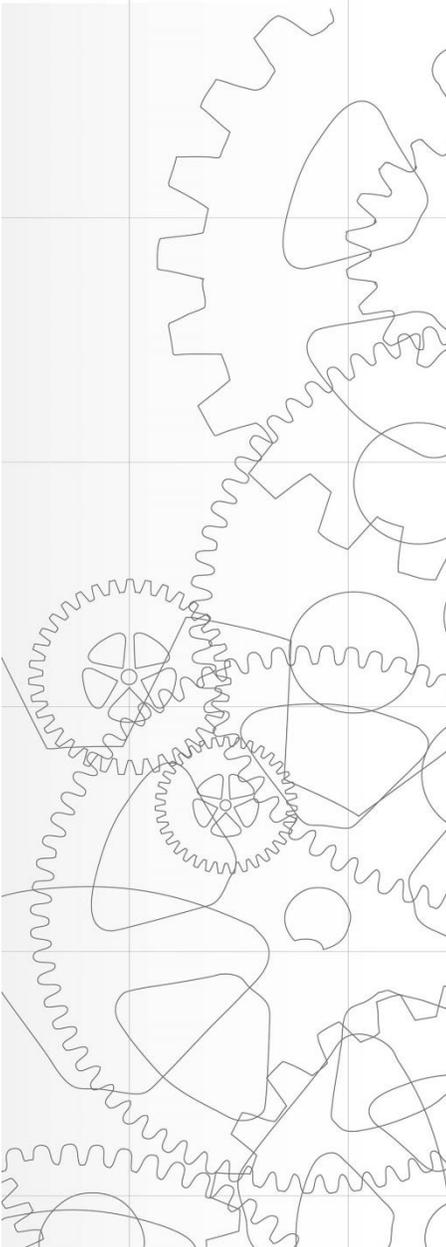
Enterprise Hybrid Cloud is an engineered platform built on VCE converged and hyper-converged infrastructure to deliver a hybrid cloud platform as the foundation for infrastructure-as-a-service. It's based on hundreds of thousands of engineering hours – designed and integrated to ensure all components work together. IT consumers are empowered to deploy and access traditional enterprise applications and IT services via a self-service catalog. IT maintains the control and visibility best practices dictate by setting the policies which operate the self-service catalog. Dashboards allow IT consumers to compare costs across private and public clouds for aligning performance and protection service levels with workload and cost objectives.

SECURE APPLICATION DATA WITH ENCRYPTION

Enterprise Hybrid Cloud provides data at rest encryption. CloudLink SecureVM protects VM workloads wherever they are in the hybrid cloud. Encrypted VMs are completely portable and remain secure as they reside in and move to another server or site. The encryption policy travels with the VM - keeping your data secure.

Take advantage of public cloud environments with confidence because encryption keys for VMs remain owned by you and under your control, within the Enterprise Hybrid Cloud platform. The data on secured VMs and all related snapshots and backups remain encrypted, ensuring that you can migrate away from public clouds without worrying about the data left behind.

Cloud Administrators can mandate that all or specific volumes on a VM workload are encrypted automatically when the workload is deployed. Each VM volume is encrypted with a unique key. Alternatively, IT consumers can be given the choice of whether to encrypt parts or all of the workloads they deploy. This approach ensures that encryption is applied consistently, where and when needed, with minimal effort.



SECURE APPLICATION STACKS AND ISOLATE ENVIRONMENTS

Whether running a complex application or securing the development lifecycle phases, Enterprise Hybrid Cloud can ensure adequate separation of application stacks and isolation of development, test and production environments. Network micro-segmentation protects and separates the components to restrict the access and communication to the business defined rulesets. Policies are dynamic and follow the workload providing true mobility between all computing locations.

ALWAYS-ON INFRASTRUCTURE-AS-A-SERVICE

Active-active provisioning across sites, with built in disaster recovery ensures your infrastructure is always-on. IT consumers can protect applications by choosing from data protection options such as backup, disaster recovery and continuous availability. With a well-run hybrid cloud, you can be confident that your IT consumers' infrastructure will always be available when they need it.

INTEGRATE WITH EXISTING SECURITY TOOLS AND SERVICES

Enterprise Hybrid Cloud integrates with your existing infrastructure, including LDAP Servers as well as Microsoft Active Directory Instances and Certificate Services. Furthermore, inclusion of VMware NSX within the platform enables integration with a rich set of NSX technology partners' security tools.

PROFESSIONAL SERVICES ACCELERATE YOUR CLOUD JOURNEY

EMC along with VMware offer a holistic portfolio of services designed to help prepare for your hybrid cloud journey and quickly deploy Enterprise Hybrid Cloud. Services can extend the platform to meet unique business requirements for ongoing operational success. If you prefer a fully managed service, Enterprise Hybrid Cloud is available as a managed service via Virtustream.

Enterprise Hybrid Cloud continues to evolve, with new capabilities added as part of the platform release cycle, with EMC testing the entire platform end-to-end, including upgrades from previous versions. Professional services are available to assist with upgrading the platform from one version to the next – protecting your investment.

SINGLE CONTACT SUPPORT MAKES IT SIMPLE

Enterprise Hybrid Cloud comes with world-class support through EMC. That means no matter where in the platform stack a problem may arise, you can simply contact EMC to resolve the problem.

CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller, visit www.emc.com, or explore and compare products in the [EMC Store](#).

TAKE THE NEXT STEP

Contact your EMC or VCE sales representative or authorized reseller to learn more about the Enterprise Hybrid Cloud and how it can benefit your organization.

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