

Solution Brief:

Backup, Migrate and Recover Data with Google Cloud VMware Engine and Veeam

Business challenge

Organizations are finding that effectively migrating applications and data to the public cloud isn't easy. In fact, this process may introduce additional complexities and require applications to be retooled. Existing backup and recovery solutions may be incompatible, which limits data portability. Recovery times then become harder to meet due to the manual overhead that's associated with retrieving backup copies, impacting business performance and leaving organizations at risk. Veeam® backup and recovery solutions with Google Cloud VMware Engine improve operational efficiency through seamless ease-of-use, fast backup times and simplified data recovery. Customers can move VMware-based workloads to VMware Engine without any modifications, replicate VMware VMs to VMware Engine as part of a disaster recovery (DR) strategy, and back up VMware VMs in VMware Engine to maintain a comprehensive DR strategy no matter where data resides.

With Google Cloud and Veeam, customers gain an efficient and cloud-integrated backup and recovery solution that you know and trust. Flexible and portable licensing ensures that your organization will be able to simply and effectively protect many different workloads both on-premises and in the cloud.

Solution overview "Better Together"

Google Cloud VMware Engine enables migration of VMware-based applications to Google Cloud quickly and securely. Google Cloud VMware Engine goes beyond an infrastructure "lift and shift" – with Google Cloud VMware Engine, customers receive a quickly provisioned private cloud (within approximately 30 minutes) leveraging VMware Cloud Foundation, which includes vSphere (vCenter Server, ESXi), vSAN and NSX.

Veeam Backup & Replication™ is the one solution for simple, reliable and flexible protection of ALL of your cloud, virtual and physical workloads. Take the stress out of managing your data protection, ransomware prevention and compliance challenges. Key features allow you to completely manage your entire backup data life cycle and recover your production data in the event of a disaster. Veeam saves you time and money, simplifying administration and minimizing costly downtime; allowing organizations to focus on driving business objectives forward with confidence. Veeam's disaster recovery on Google Cloud VMware Engine also provides continuous data protection (CDP), allowing customers the ability to obtain low RPO time down to even five seconds if desired. This solution allows you to quickly accelerate "cloud-first" business strategies through the modernization of applications, workloads and infrastructure.

Together, Google Cloud VMware Engine + Veeam allow you to quickly and easily migrate, back up and recover your VMware-based applications, protecting them from disaster whether they're on-prem or in the cloud.

Benefits

Simple. Flexible. Reliable. Powerful.

Veeam Backup & Replication is prepared to address the next generation of operational challenges head-on with a comprehensive set of enterprise-grade data protection capabilities including functions such as CDP and instant recovery. Powerful, capable and easy to use, Veeam reduces operational overhead with the flexibility that fits your business and market-leading reliability that you can count on.

Fast provisioning and scale

Through Google Cloud VMware Engine's fast provisioning, you can spin up a new private cloud in about 30 minutes with dynamic resource management and auto scaling. And, with Veeam you can rest assured that your data is always protected, even through a migration.

Reduced hardware investment

Enterprise IT and operations teams continue to add value to their business through Google Cloud VMware Engine without the need to buy new hardware. Google Cloud enables customers to quickly and confidently scale capacity up or down without change or friction, and Veeam ensures backup policy compliance for any workload with easily recoverable copies of your data.

Lower operational costs

Veeam leverages a single license for replication, backup and disaster recovery, eliminating the need to have disparate data protection products in the cloud. Veeam Universal License (VUL), a flexible and portable solution for protecting workloads on-premises and in the cloud, minimizes management complexity and helps to further reduce costs.

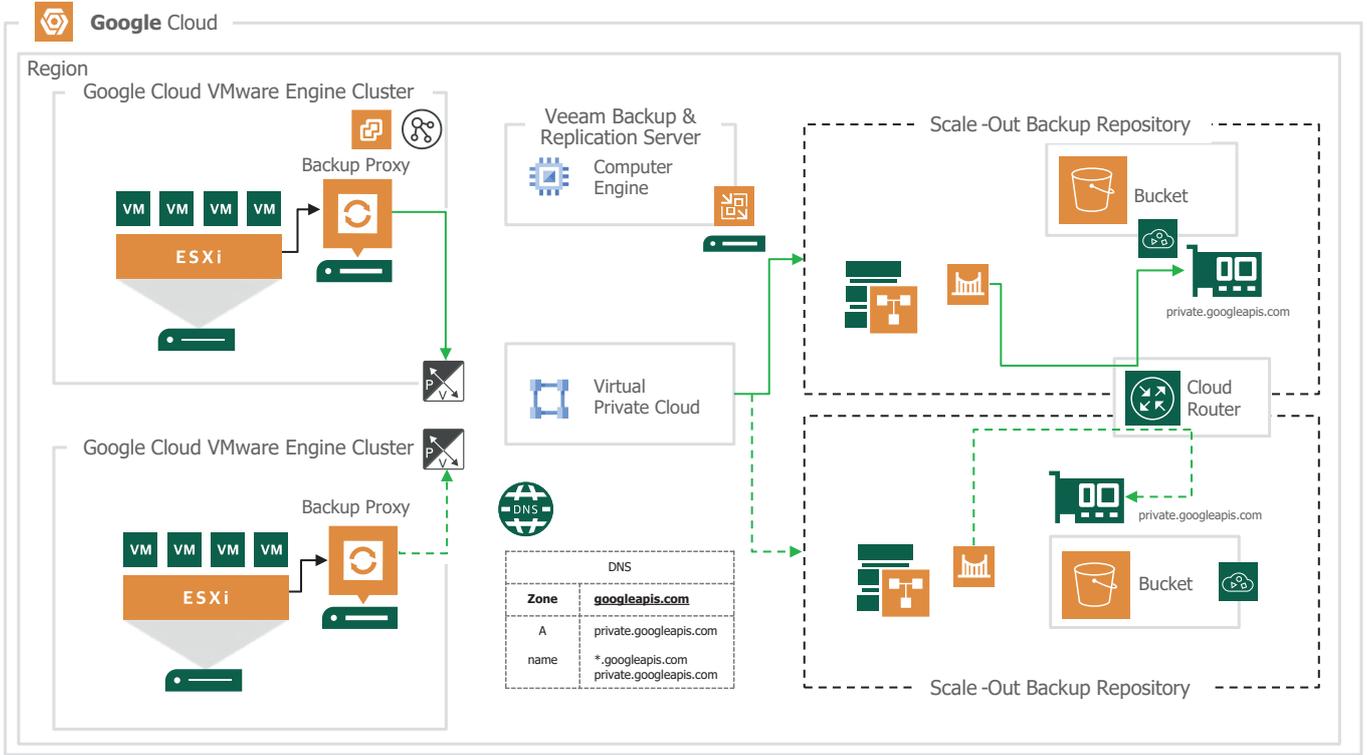
Accelerate cloud migration

Quickly and easily migrate VMware workloads to Google Cloud while continuing to run native VMware applications, tools, processes, and policies. VMware HCX allows customers to migrate their workloads from on-premises as far back as vSphere 6.0 without the need to re-platform.

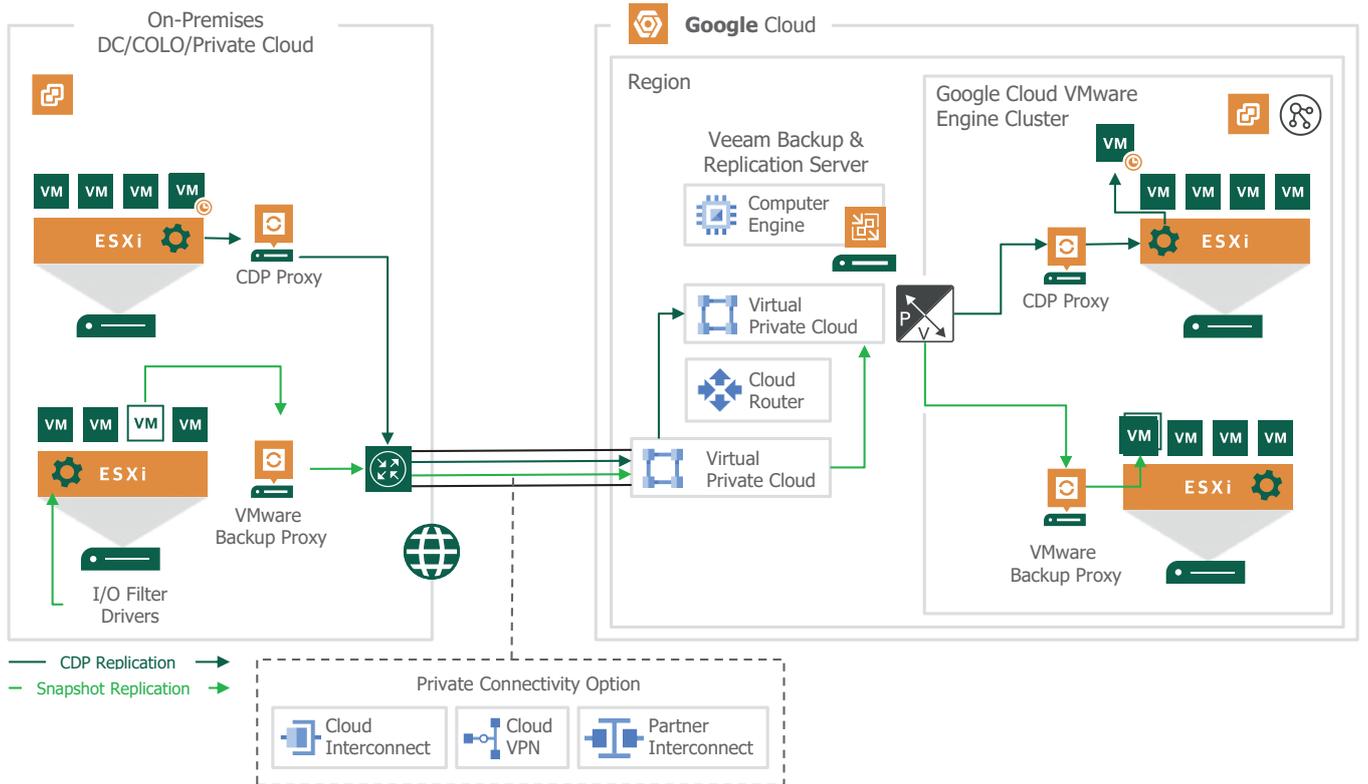


veeAM

Alliance program:
 Unified for you



Backup to Google Cloud VMware Engine with Veeam



Disaster Recovery from on-prem to Google Cloud VMware Engine with Veeam

Use Cases



Rapid Migration: Increase capacity quickly and modernize your infrastructure, all while using familiar VMware tools throughout your workload migration process. Leverage cloud portability by rapidly moving VMs between on-prem and Google Cloud VMware Engine in a hybrid cloud environment.



Reliable Backup: Reliably back up any workload, achieve shorter backup times and reduce operational costs with unparalleled flexibility.



Secure replication: Use image-based replication and streamlined disaster recovery for increased speed, security and availability.

Conclusion

Veeam® delivers everything you need to protect VMware VMs in Google Cloud VMware Engine or in any hybrid deployment – and all with the same proven Veeam Platform. Together with VMware and Google Cloud, Veeam accelerates cloud migration, and combines reliable data protection with rapid backup and recovery to ensure you can easily access your data any time.



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About Veeam Software

Veeam is the leading provider of backup, recovery and data management solutions that enable Modern Data Protection. The company offers a single platform for cloud, virtual, physical, SaaS and Kubernetes environments. Veeam customers can rest assured that their applications and data are protected from ransomware, disasters and bad actors and always available with the simplest, most flexible, most reliable and highest performing platform in the industry. Veeam protects 450,000 customers worldwide, including 81 percent of the Fortune 500 and 70 percent of the Global 2000. Headquartered in Columbus, Ohio, Veeam has offices in more than 30 countries. Veeam's global ecosystem includes more than 35,000 technology partners, resellers, service providers and alliance partners. To find out more www.veeam.com, or follow Veeam on LinkedIn [@veeam-software](https://www.linkedin.com/company/veeam) and Twitter [@veeam](https://twitter.com/veeam).