

Modernize and manage mission-critical VMware workloads on Google Cloud

Highlights

- Take advantage of Kyndryl® automation, IP-accelerated assets, and Google Cloud VMware Engine (GCVE) APIs to quickly provision and scale VMware® workloads into Google cloud to optimize security, performance, and spend
- Leverage Kyndryl and VMware's 20+ years of expertise co-developing solutions for assessing, migrating, implementing, managing, modernizing, and transforming complex hybrid environments
- Benefit from a high level of VMware service in Google Cloud
- Discover a fast path to business transformation for VMware workloads with the same access experience to native services as Google Compute Engine and Google Kubernetes Engine

According to an IDC report, GCVE helps to accelerate application migrations by 58%, enhancing the efficiency of application development teams by 26% and IT security teams by 52%.*

Kyndryl® Cloud Services for Google Cloud VMware Engine can help you assess, design, implement, migrate, and manage your workloads, as well as modernize to build and deploy applications across Google Cloud data centers. We offer lifecycle support throughout Day 0, Day 1, and Day 2 services to help you manage and modernize your applications through custom integrations with VMware and Google Cloud. These services include powerful analytics and automation capabilities that help ensure consistent quality of service in a flexible, convenient as-a-service model where you pay only for what you use.



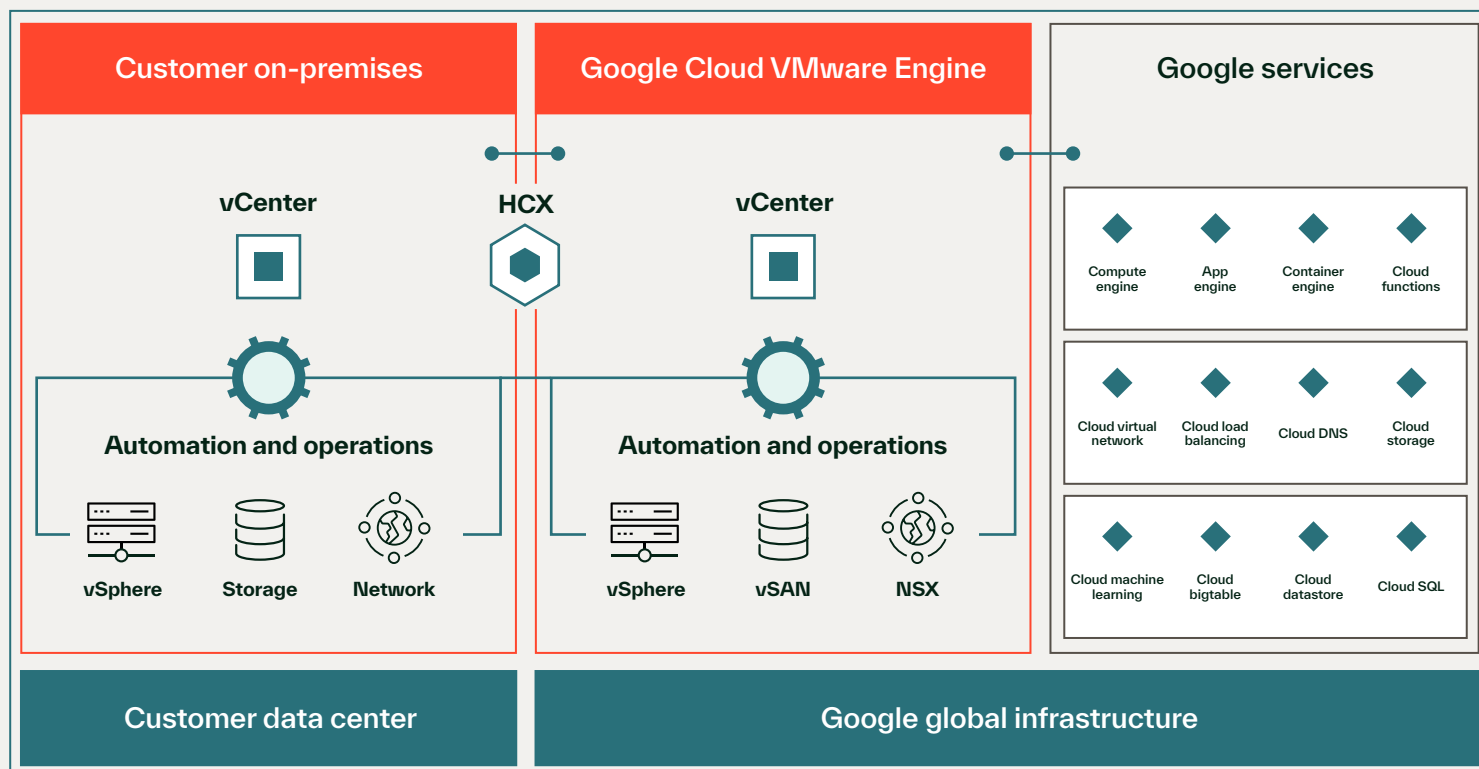


Figure 1: Google Cloud VMware Engine

Kyndryl benefits

- **Bring consistency to your environment** and workload migrations to improve timelines and quality while mitigating cost and risk
- **Enhance productivity** by modernizing VMware workloads with Tanzu containerization and Google Cloud-native services, including Anthos integration
- **Accelerate deployment** and simplify management with technology and services integration across the delivery lifecycle
- **Benefit from global reach** across all Google Cloud domains with over 6250+ Google Cloud and 3600+ VMware certifications VMware practitioners
- **Integrate threat prevention**, cyber resiliency, and security on Google's planet-scale fiber optic network, with data management and analytics managed services
- **Navigate compelling events** like contract and lease expirations, end-of-life support for hardware and software, timelines associated with new mandates, and new compliance requirements, mergers, and acquisitions

Quickly provision your VMware environment on Google Cloud

GCVE is a fully compliant and certified full-stack cloud infrastructure sold and supported by Google. You can deploy VMware vSphere®-based workloads natively in a dedicated, software-defined data center on Google Cloud (See figure 1) and continue to use the same applications, tools, processes, and policies that you use today.



The real-world value of Google Cloud VMware Engine¹

- **391%** projected **3-year ROI**
- **41%** lower TCO over 5 years
- **6 months** to payback on investment

Why are other enterprises moving to GCVE?

Google offers a fully integrated service that can enhance user experience by using AI analytics to route traffic on a fast path through its global Domain Name System (DNS) and AnyCast IP addresses. This service—which comes at no additional cost—is integrated with GCVE to free customers from the need to manage Border Gateway Protocol (BGP) and Time-to-live (TTL).

VMware can be a good fit for customers seeking to modernize their applications with Kubernetes. As an industry leader in Kubernetes, Google offers immediate access to its modernization services through integrations. Customers can gain insights from VMware-connected data sources by moving from on-premises data centers to fully integrated data enrichment services such as BigQuery and Looker.

Customers in need of disaster recovery (DR) with lower recovery times and reduced data loss can also leverage Google Cloud’s automation capabilities. Root access privileges to the ESXi hypervisor for integrating existing investments in backup and DR tools to automate workload provisioning allow customers to run only the workloads necessary to facilitate recovery on GCVE while syncing data. At the time of a test or recovery event, customers can quickly add more resources. Google Cloud also offers storage-only nonvolatile memory express (NVME) nodes in GCVE, allowing customer to scale storage independent of compute and memory.

There’s no need to compromise between lifting and moving VMware workloads into the cloud and then transforming them. Instead, customers can lift and transform quickly with Google Cloud. To further reduce complexity, Google Cloud provides a single point of support as well as a single point of billing. Choose from 14 global regions and move to Google Cloud without needing to make changes to applications, tools, or processes.

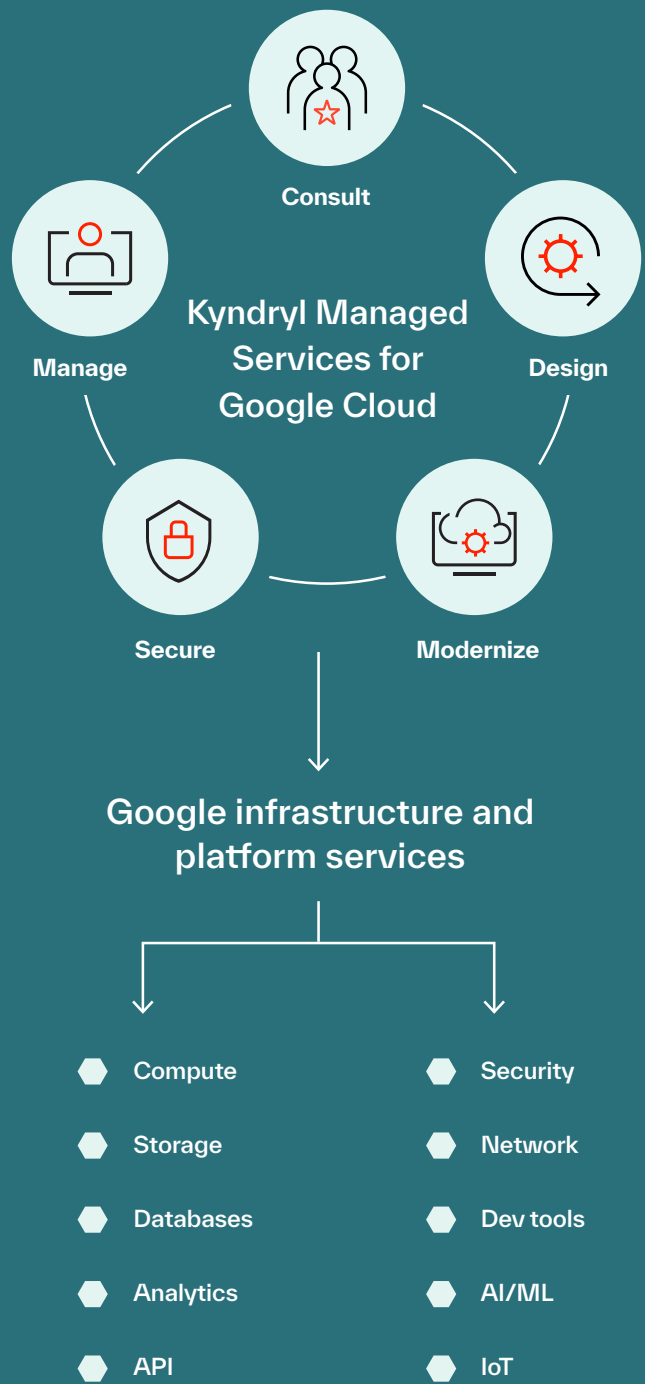


Figure 2: Kyndryl managed services support the full cloud adoption and transformation lifecycle



Next-generation public cloud managed services from Kyndryl

Kyndryl can help you build a GCVE platform that scales with variety, velocity, and volume. Kyndryl Cloud Services for GCVE offers catalogue-based, modular capabilities to help you provision, migrate, manage, and optimize your VMware environment. Our services provide a cloud engineering solution to help transform your infrastructure and modernize applications. We focus on creating a roadmap that aligns your technology with business drivers to deliver rapid value and drive agility, efficiency, predictability, and security throughout your journey to cloud.

The Kyndryl advantage

Kyndryl has the largest VMware footprint and manages more virtual machines (VMs) than any other systems integrators.

- The world's largest IT infrastructure services company
- 4,000 global customers, including more than 70% of Fortune 100 and more than 50% of Fortune 500 companies
- 30 years of experience designing, building, and managing critical IT environments
- 3,000+ patents, more than 31,000 industry recognized certifications, and one of Google Cloud's fastest growing partners with over 5,000 certifications, 21 expertises, and the Cloud Migration Specialization

From cloud to applications, data, and AI, our customers can rely on our services in over 175 countries. Working together with our partners around the globe, we turn potential into reality.

Deep experience managing IT environments in critical industries



45%

of passenger cars are made by Kyndryl customers



49%

of mobile connections are managed by Kyndryl customers



61%

of IT assets managed at the top 50 banks are managed by Kyndryl customers

Why Kyndryl?

Kyndryl has deep expertise in designing, running, and managing the most modern, efficient, and reliable technology infrastructure that the world depends on every day. We are deeply committed to advancing the critical infrastructure that powers human progress. We're building on our foundation of excellence by creating systems in new ways: bringing in the right partners, investing in our business, and working side-by-side with our customers to unlock potential.

For more information

To learn more about Kyndryl Cloud Services for Google Cloud VMware Engine, please contact your Kyndryl representative or visit kyndryl.com



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The performance data and client examples cited are presented for illustrative purposes only. Actual performance results may vary depending on specific configurations and operating conditions.

1 Business Value White Paper, sponsored by Google Cloud and VMware, February 2024

<https://www.vmware.com/docs/vmw-idc-business-value-gcve-summary>