



HYBRID CLOUD

With WWT and Google
Cloud VMware Engine

Google Cloud VMware Engine delivers a fully managed VMware Cloud that runs natively within Google Cloud and provides the familiar operational and administrative tools to migrate and manage mission-critical workloads seamlessly.

THE CHALLENGE

The adoption of public cloud continues to emerge as a top priority for many organizations. Understanding the proper migration path and integration strategies can prove to be challenging as these initiatives are further defined. Additionally, companies are looking to preserve their existing investments of on-premises infrastructure to capitalize on the full lifecycle of this equipment. As in-place equipment approaches end-of-life and organizations evaluate the use of a public cloud, the following questions often arise:

- How will existing workloads be migrated? Will this process be seamless?
- Will existing applications need to be re-architected or refactored?
- How will the separate cloud environments be managed?
- Where will sensitive data reside and what underlying resources will be shared?
- What tools will be available to help monitor costs, analyze performance, and assist in the ongoing evaluations?

THE WWT SOLUTION

WWT partners with Google Cloud to deliver a VMware hybrid-cloud solution utilizing Google Cloud VMware Engine. This solution allows organizations to rapidly deploy VMware's already familiar best-of-breed solutions atop Google Cloud's leading-class global data centers. Organizations benefit from these existing processes, skill sets and tools, as well as from logical and physical infrastructure that is architected, built, managed and maintained by Google Cloud.



WWT has developed a QuickStart engagement methodology to help customers expeditiously design and implement a VMware-based hybrid cloud. The solution integrates existing on-premises VMware SDDC with Google Cloud VMware Engine to provide the following business benefits:

Data center expansion and hybrid cloud Extend existing infrastructure to Google Cloud or begin the process to retire an existing on-prem environment. Reduce operational overhead associated with cloud migrations. Adjust to meet varying business demands through dynamic resource scaling.

Backup and Disaster Recovery Configure Google Cloud as a failover site for recovery to the cloud. Simplify strategies and reduce costs and required tasks to administrate a disaster recovery plan.

Application Modernization Connect legacy applications with cloud-native workloads across hybrid cloud environments. Present existing app data to Google Cloud services for advanced business insights.

Virtual Desktops (VDI) Extend existing VMware Horizon environments to Google Cloud or deploy cloud-based VDI within Google Cloud VMware Engine.

GET STARTED TODAY

For more information, please contact your **WWT Account Manager** or email Google.Solutions@wwt.com today to get started on your hybrid cloud journey!

The WWT Google Cloud VMware Engine Hybrid Cloud QuickStart service offering is designed to achieve the following:

- Enablement of VMware Engine API
- Hybrid cloud connectivity with single on-premises vCenter instance
- Configuration of single (1) Google VMware Engine Private Cloud; three (3) ESXi nodes
- Configuration of five (5) NSX-T overlay segments within VMware
- Configuration of VMware HCX between on-premises VMware SDDC and Google; extension of five (5) existing networks
- Site-to-site connectivity via Dedicated Interconnect of Cloud VPN
- Single (1) VPC peer to existing Google Cloud project for access to cloud-native services

In addition to the Google Cloud VMware Engine Hybrid Cloud QuickStart, WWT provides several QuickStart engagements for common hybrid cloud use cases. Alternatively, the WWT Account Team and WWT Cloud Architects can assemble customized solutions for deployments tailored to the needs of complex, sizable and/or highly secure environments.