

With Migrate for Anthos, you can migrate your VMs from supported source platforms to Google Kubernetes Engine.

Use the sections described below to get started migrating virtual machines (VMs) to [Google Kubernetes Engine \(GKE\)](#) (/kubernetes-engine/) using Migrate for Anthos.

For an introduction to the value of Migrate for Anthos, as well as high-level views, see the following topics.

- For the benefits of migrating to GKE with Migrate for Anthos, see [Benefits of Migrate for Anthos](#) (/migrate/anthos/docs/anthos-migrate-benefits).
- For more on how Migrate for Anthos performs migrations, see [Architecture](#) (/migrate/anthos/docs/architecture).
- For a look at the high-level steps and who typically performs them, see [Your migration journey to GKE](#) (/migrate/anthos/docs/migration-journey).

Read through the [migration tutorial](#) (/migrate/anthos/docs/tutorial-two-tier) for a high-level look at the steps involved in migrating VMs from VMware to GKE. If you've got VMs on VMware, you can try out a migration.

If you want to dive right in, you'll find steps for setting up prerequisites and performing migration for each of the supported source platforms. In general, you'll follow steps such as the following:

1. If necessary, configure your source platform and Migrate for Compute Engine to support migration.
2. Identify or create a GKE cluster as a migration destination.
3. Create or generate YAML to configure GKE objects to support migration, then apply the YAML to your GKE cluster. For migrations from Amazon EC2 and Azure, this will include defining a `StorageClass` object. For migrations from vSphere, a `StorageClass` is created on deployment of Migrate for Anthos.
4. Migrate for Anthos begins migrating.

See the following for steps specific to your source platform.

- For VMware, see [Migrating VMware VMs to GKE](/migrate/anthos/docs/migrate-vmware-to-gke) (/migrate/anthos/docs/migrate-vmware-to-gke).
- For Compute Engine, see [Migrating Compute Engine VMs to GKE](/migrate/anthos/docs/migrate-gce-to-gke) (/migrate/anthos/docs/migrate-gce-to-gke)
- For Amazon EC2, see [Migrating Amazon EC2 VMs to GKE](/migrate/anthos/docs/migrate-aws-to-gke) (/migrate/anthos/docs/migrate-aws-to-gke)
- For Azure, see [Migrating Azure VMs to GKE](/migrate/anthos/docs/migrate-azure-to-gke) (/migrate/anthos/docs/migrate-azure-to-gke)

You can view logs and metrics from your migrated workloads in the Google Cloud console. You can also view logs from the command line. For more on monitoring, see [Monitoring migrated workloads](/migrate/anthos/docs/monitoring-migrated-workloads) (/migrate/anthos/docs/monitoring-migrated-workloads).