

# Google Cloud Deploy

Deliver continuously to Google Kubernetes Engine and Anthos.

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- ✓ Create deployment pipelines for GKE and Anthos within minutes
- ✓ Fully managed continuous delivery service for easy scaling
- ✓ Enterprise security and audit

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## **Easy releases, at scale**

Deploy to Google Kubernetes Engine and Anthos in minutes. Define pipelines in code and let Google Cloud Deploy handle rollouts. Scale pipelines across your organization. Measure and optimize deployment success.

## **Safety with security and audit built in**

Use built-in best practices for speed and safety. Ensure only authorized releases are promoted with approval stages. Connect Google Cloud's centralized security and audit tools.

## **Uplevel your DevOps ecosystem**

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# Key features

## **Streamlined continuous delivery**

Google Cloud Deploy makes continuous delivery to GKE and Anthos easy and powerful. Define releases and progress them through environments such as test, stage, and production. Google Cloud Deploy provides easy one-step promotion and rollback of releases via the web console, CLI, or API. Built-in metrics enable insight into deployment frequency and success.

## **Fully managed single pane of glass**

As a fully managed service, Google Cloud Deploy has no infrastructure to set up and manage, while providing scale-up and scale-down automatically to optimize cost and performance. This centralization

## **Tightly integrated with Google Cloud**

Google Cloud Deploy is the most integrated GKE and Anthos deployment platform available. Lockdown release progression via IAM, monitor release events with Cloud Logging, and achieve traceability with Cloud Audit Logs. Connect monitoring to deployed resources.

## **Integrates with the tools you love**

Google Cloud Deploy can be integrated with popular DevOps tools such as CI and ticketing. Google Cloud Deploy brings Skaffold to your pipelines which, in unison with Cloud Code, brings pipeline parity across dev and CI/CD.

## Deploy an application to two GKE targets

Deploy a simple app to a progression of Google Kubernetes Engine clusters.

[Learn more](#)

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### TUTORIAL

## Google Cloud Deploy tutorials

These hands-on tutorials guide you through setting up a pipeline and deploying a sample application using Google Cloud Deploy.

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Explore more docs

Get a quick intro to using this product.

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Learn to complete specific tasks with this product.

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Browse guides and resources for this product.

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View APIs, references, and other resources for this product.

## Release notes

Read about the latest releases for Google Cloud Deploy



# Learn more about Google Cloud Deploy features

## Pipeline visualization

Visualize the pa  
delivery. Define  
delivery pipelin  
visualize the  
progression of  
candidate relea  
through to  
production.

## Easy rollout / rollback

Rollout and roll  
to GKE and Ant  
user clusters ha  
never been eas

and more clear.  
Promote a release  
between target  
stages using a  
step operation  
web console, C  
API.

### Built-in approvals

Google Cloud E  
supports separ  
of duties and  
concerns with f  
release promoti  
approvals, acce  
via the web cor  
CLI, or API and  
integrated with