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Google Cloud	
Módulo : Kubernetes na Google Cloud Plataform	

## Objetivo

**Create cluster**  
Select the cluster mode that you'd like to use. [Learn more](#)

	Autopilot mode Optimized Kubernetes cluster with a hands-off experience	Standard mode Kubernetes cluster with node configuration flexibility
	<a href="#">CONFIGURE</a> <a href="#">TRY THE DEMO</a>	<a href="#">CONFIGURE</a> <a href="#">TRY THE DEMO</a>
Scaling	Automatic based on workload	You configure scaling
Nodes	Google manages and configures your nodes	You manage and configure your nodes
Configuration	Streamlined configuration ready to use	You can configure all options
Workloads supported	Most workloads except <a href="#">these limitations</a>	All Kubernetes workloads
Billing method	<a href="#">Pay per pod</a>	<a href="#">Pay per node (VM)</a>
SLA	<a href="#">Kubernetes API and node availability</a>	<a href="#">Kubernetes API availability</a>

[View all](#)

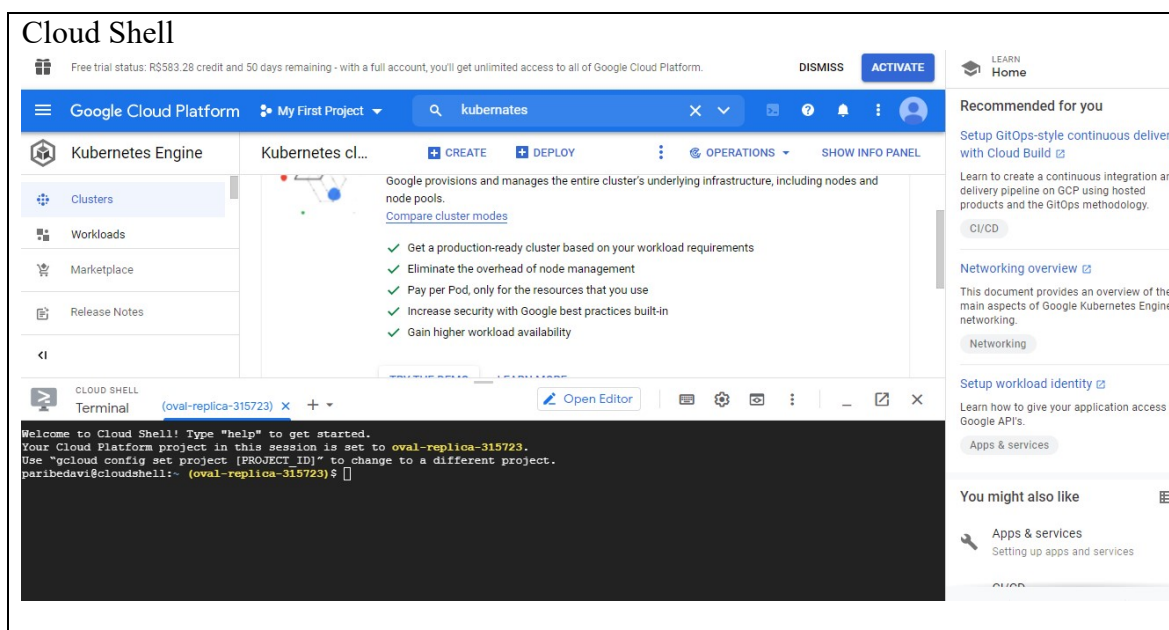
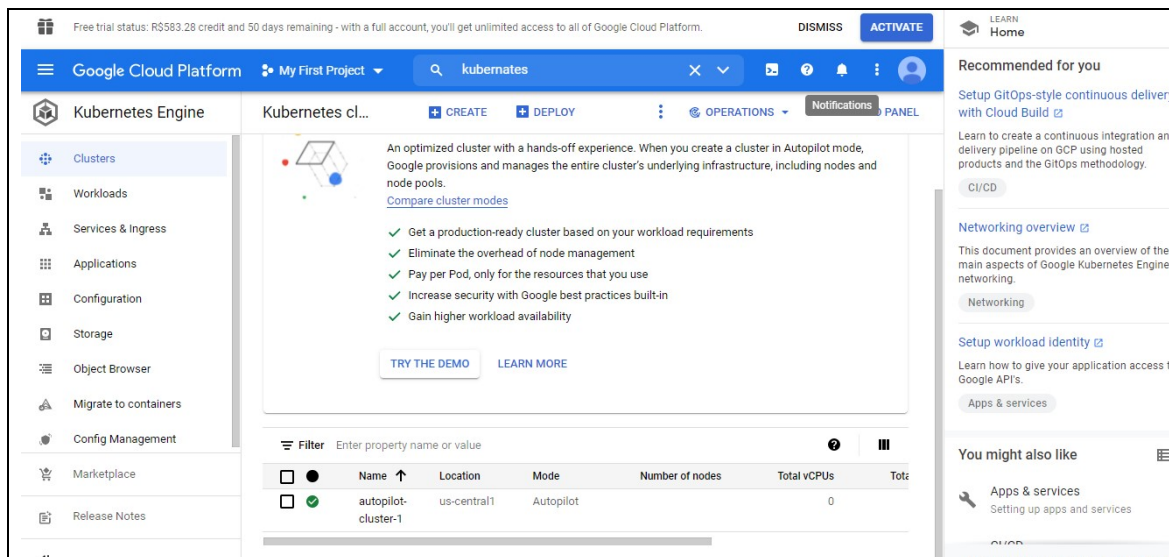
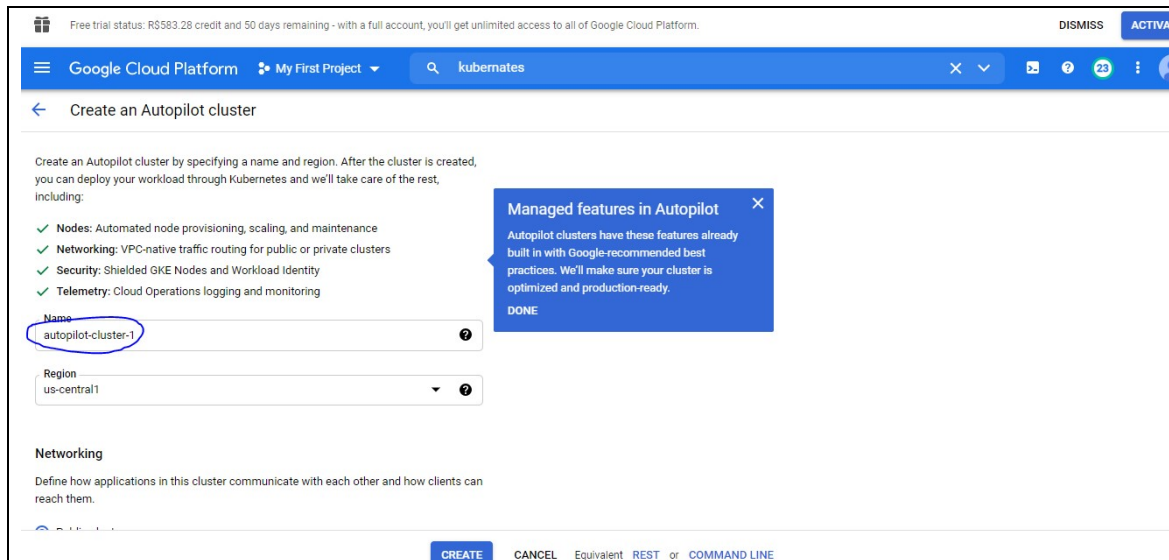
**Recommended for you**  
Deploying a containerized web application  
Learn to package a web application in a Docker container image, and run on a GKE cluster as a load-balanced set of replicas.  
[Apps & services](#)

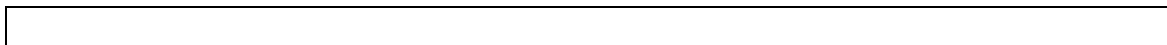
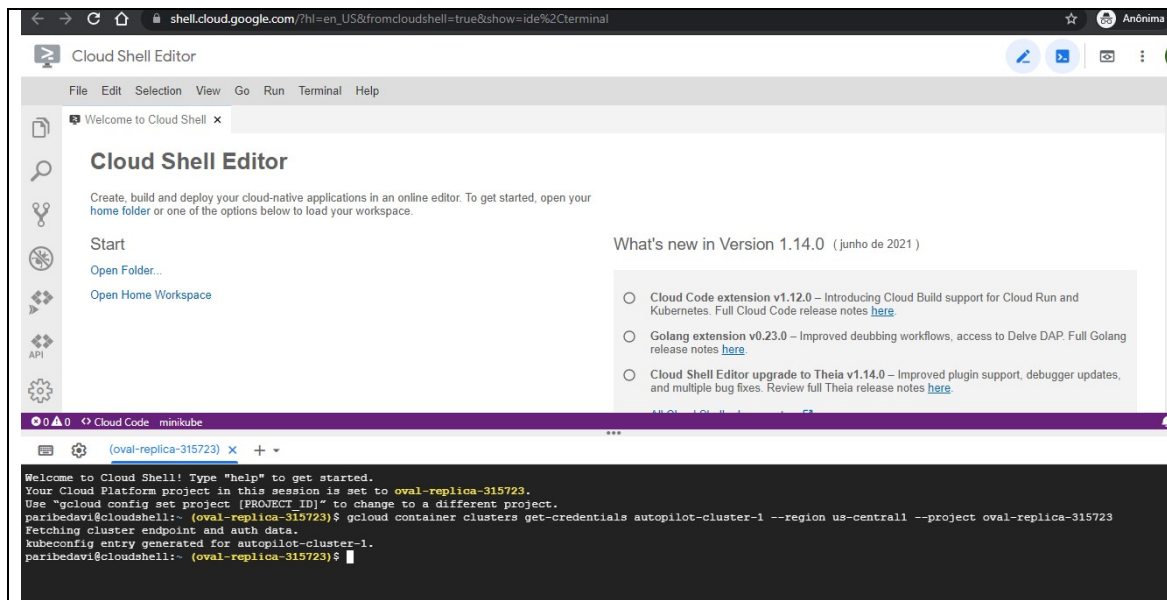
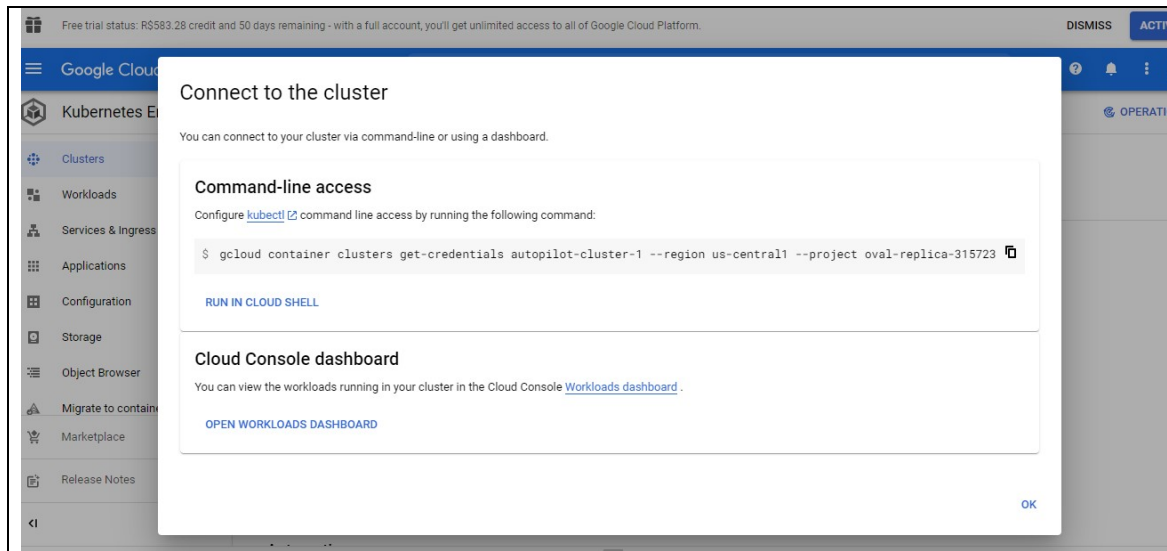
**Create a Guestbook with Redis and PHP**  
This tutorial shows how to build a simple multi-tier guestbook web app using GKE.  
[Tutorials](#) [Apps & services](#)

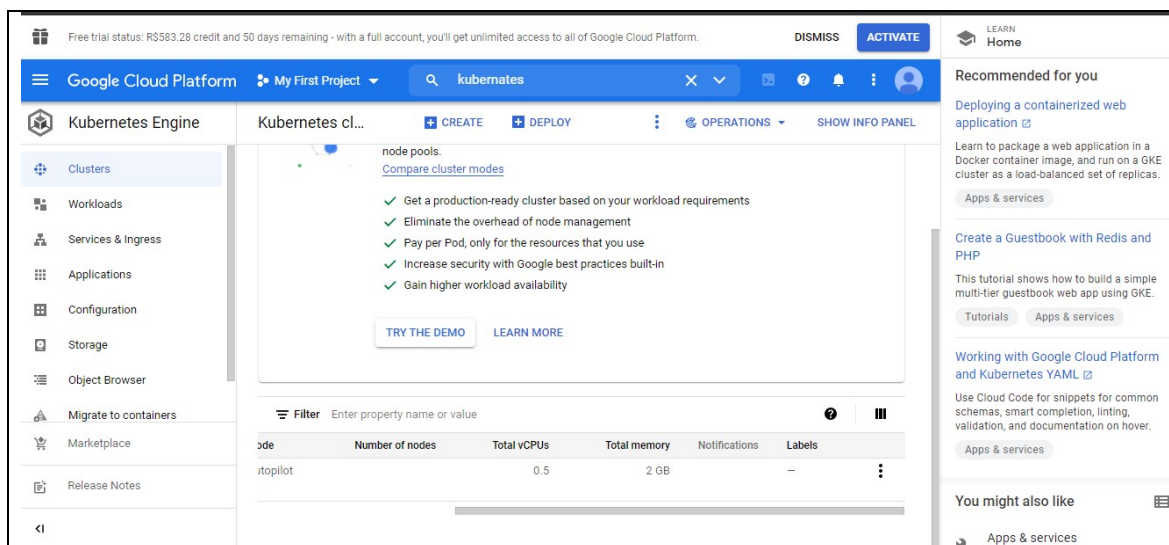
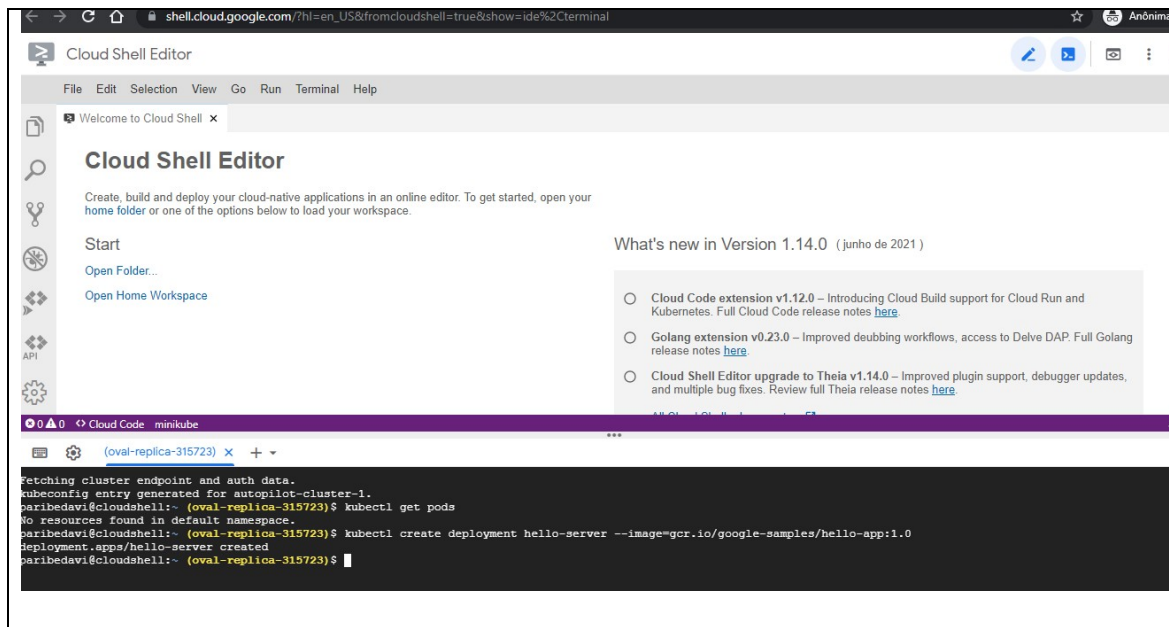
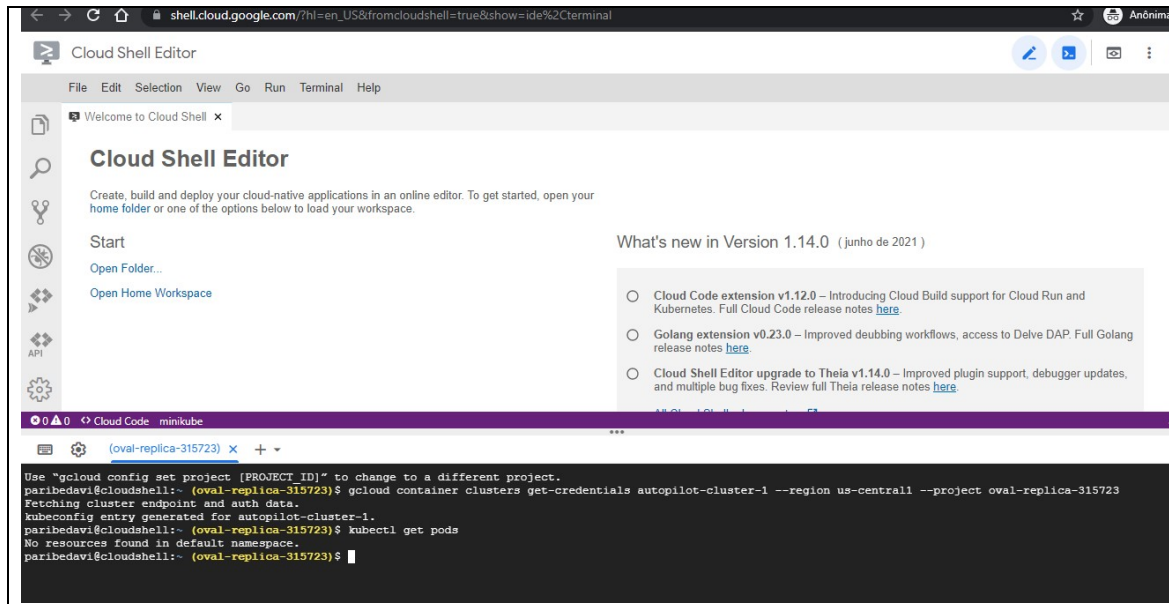
**Working with Google Cloud Platform and Kubernetes YAML**  
Use Cloud Code for snippets for common schemas, smart completion, linting, validation, and documentation on hover.  
[Apps & services](#)

**You might also like**  
[Apps & services](#)  
Create a new Kubernetes cluster  
Not seeing what you need? [Give feedback](#)

Autopilot vai pagar pela quantidade de pod que utilizar.







Free trial status: R\$583.28 credit and 50 days remaining - with a full account, you'll get unlimited access to all of Google Cloud Platform. DISMISS ACTI

Google Cloud Platform My First Project kubernetes

Kubernetes Engine Workloads REFRESH DEPLOY DELETE OPERATION

Clusters Workloads Services & Ingress Applications Configuration Storage Object Browser Migrate to containers Marketplace Release Notes

Cluster Namespace RESET SAVE

Workloads are deployable units of computing that can be created and managed in a cluster.

Filter Is system object: False Filter workloads

<input type="checkbox"/>	Name ↑	Status	Type	Pods	Namespace	Cluster
<input type="checkbox"/>	hello-server	OK	Deployment	1/1	default	autopilot-cluster-1

## Expose

Cloud Shell Editor

File Edit Selection View Go Run Terminal Help

Welcome to Cloud Shell

### Cloud Shell Editor

Create, build and deploy your cloud-native applications in an online editor. To get started, open your [home folder](#) or one of the options below to load your workspace.

Start

- [Open Folder...](#)
- [Open Home Workspace](#)

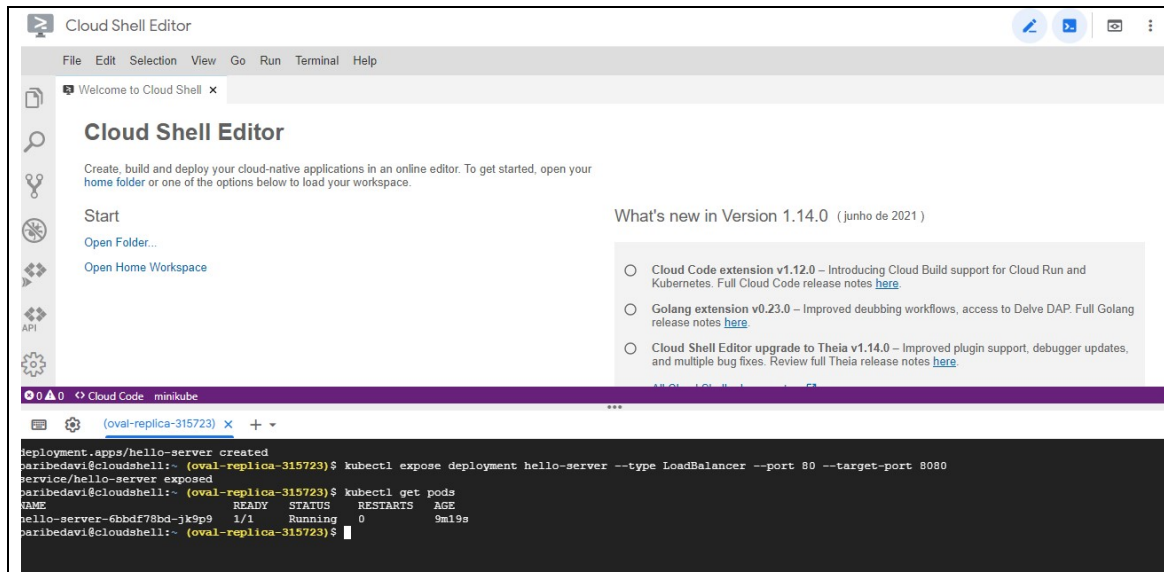
What's new in Version 1.14.0 (junho de 2021)

- Cloud Code extension v1.12.0 - Introducing Cloud Build support for Cloud Run and Kubernetes. Full Cloud Code release notes [here](#)
- Golang extension v0.23.0 - Improved debugging workflows, access to Delve DAP. Full Golang release notes [here](#)
- Cloud Shell Editor upgrade to Theia v1.14.0 - Improved plugin support, debugger updates, and multiple bug fixes. Review full Theia release notes [here](#)

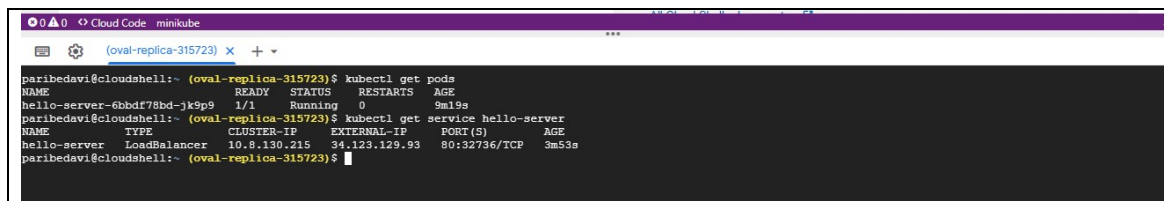
Cloud Code minikube

```
paribedavi@cloudshell:~ (oval-replica-315723)$ kubectl get pods
No resources found in default namespace.
paribedavi@cloudshell:~ (oval-replica-315723)$ kubectl create deployment hello-server --image=gcr.io/google-samples/hello-app:1.0
deployment.apps/hello-server created
paribedavi@cloudshell:~ (oval-replica-315723)$ kubectl expose deployment hello-server --type LoadBalancer --port 80 --target-port 8080
service/hello-server exposed
paribedavi@cloudshell:~ (oval-replica-315723)$
```

Pods



## Service



## Navegador

