

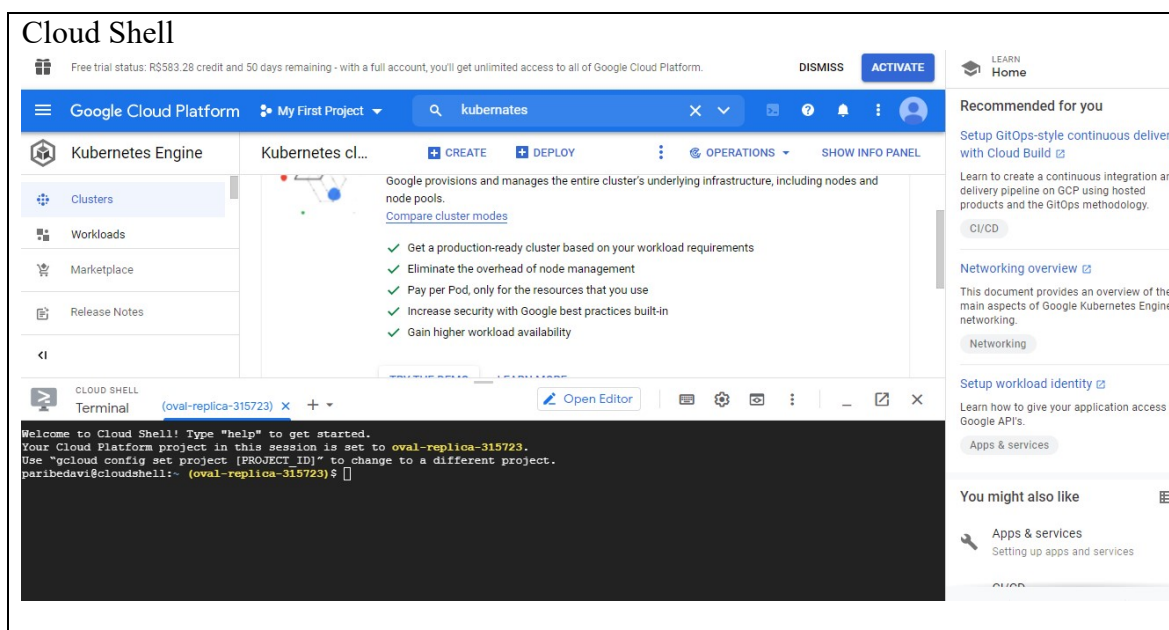
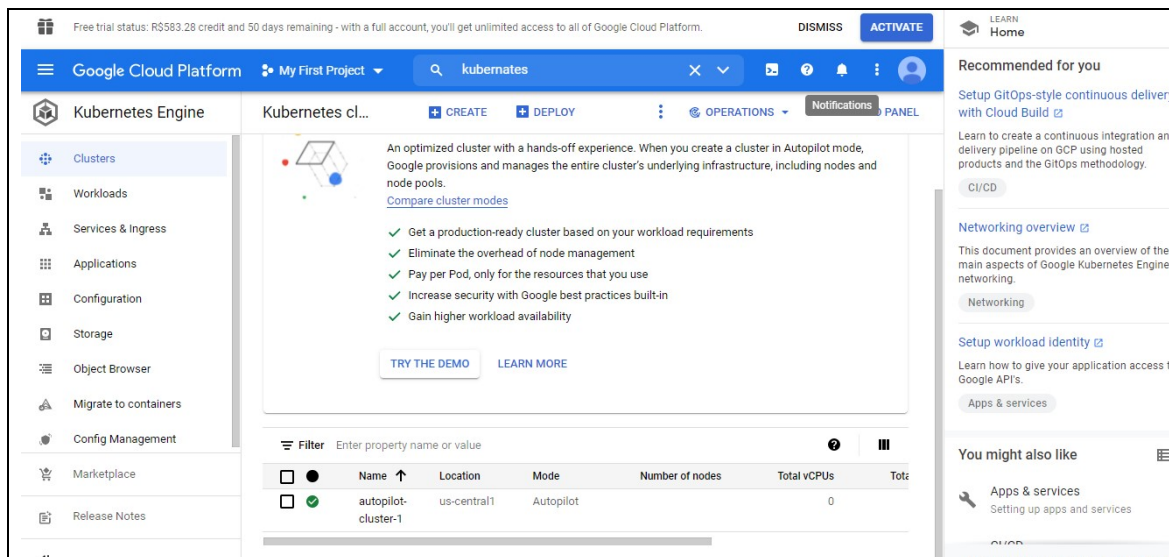
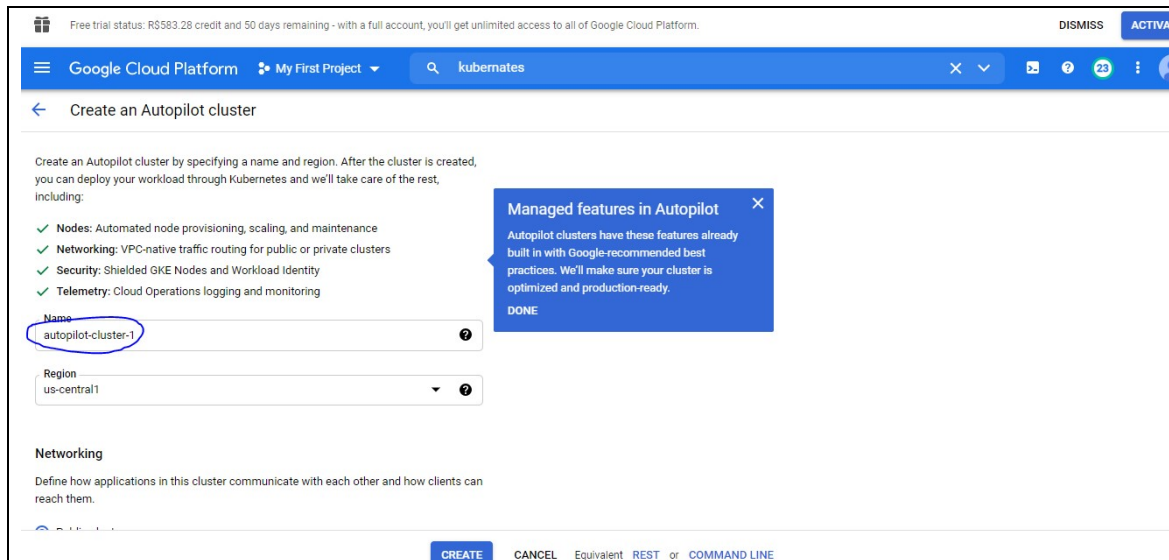
| | |
|---|-----------------|
| Nome Completo :Paulo Ribeiro | Data:13/07/2021 |
| Google Cloud | |
| Módulo : Kubernetes na Google Cloud Plataform | |

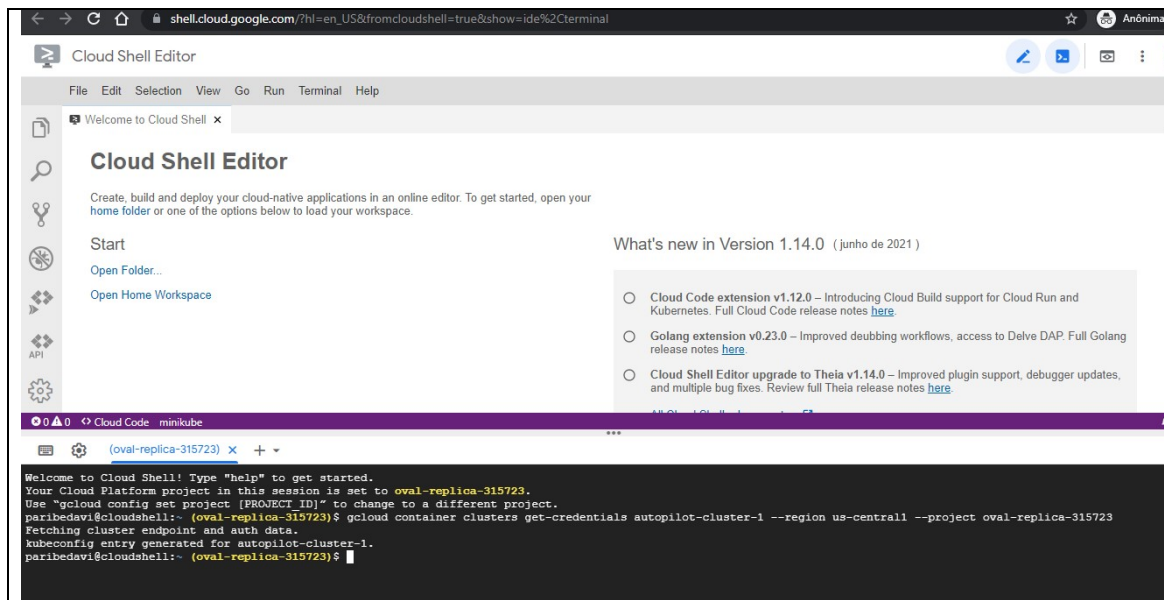
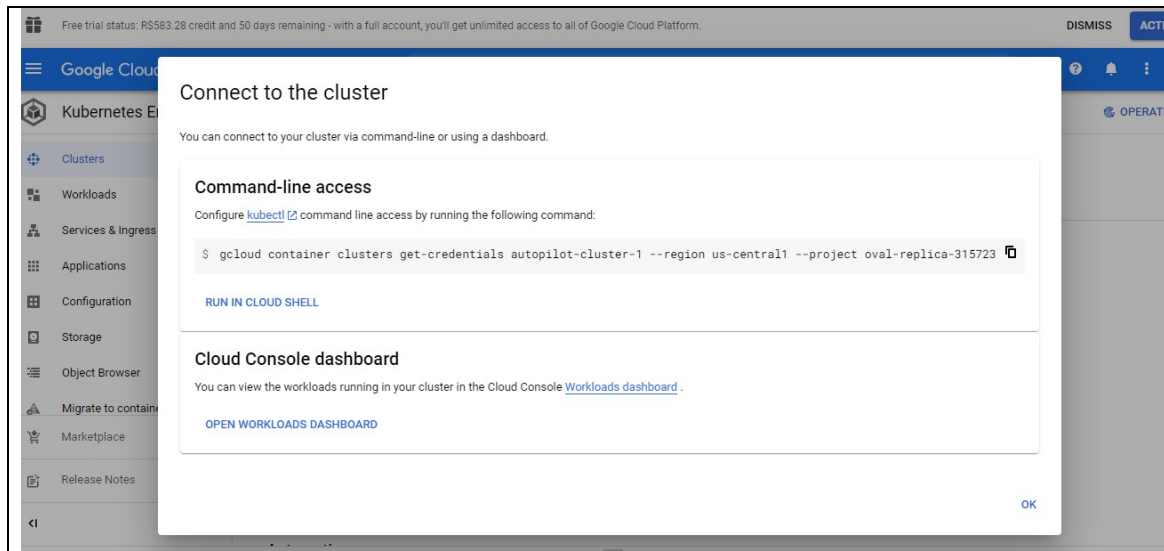
Objetivo

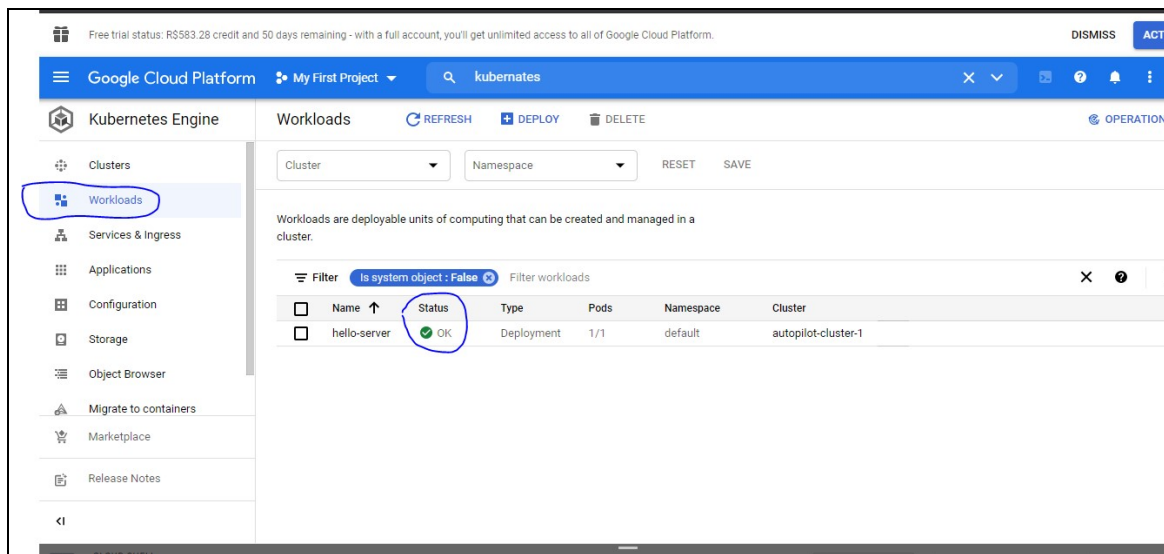
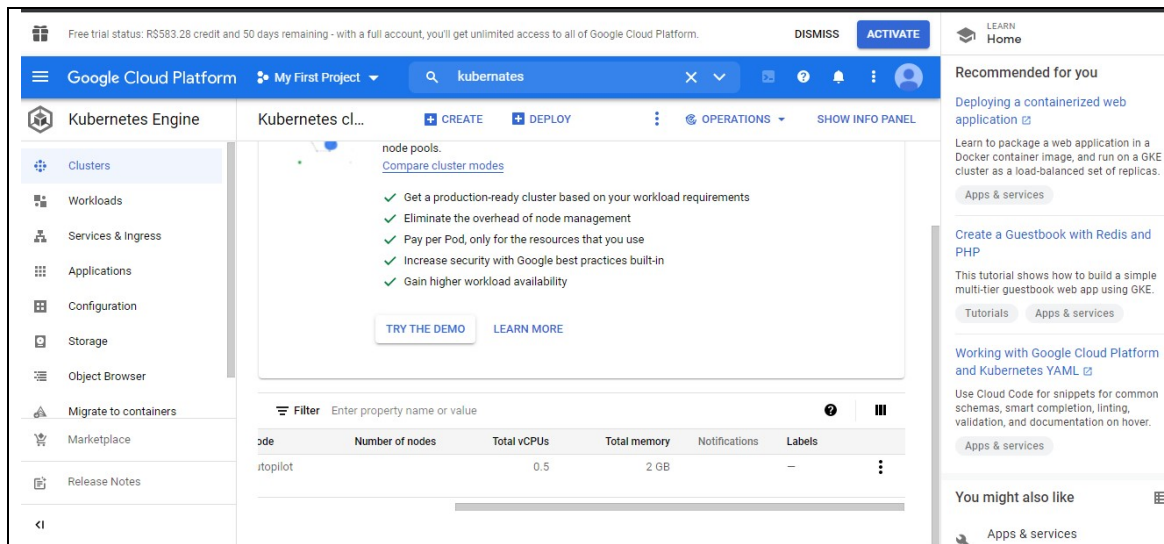
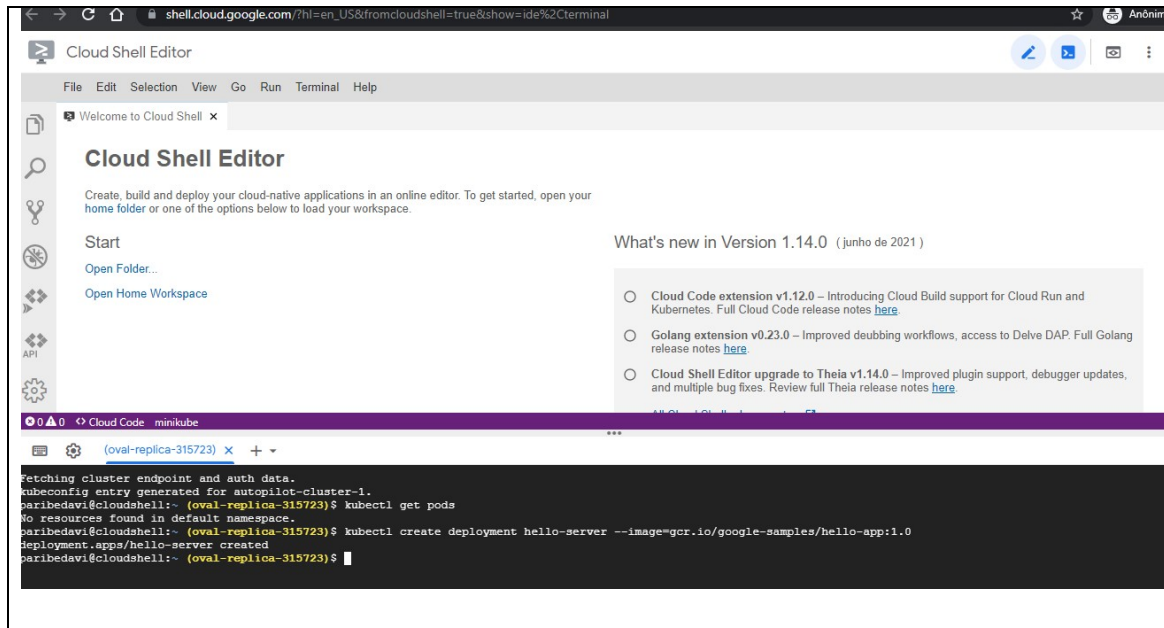
| | Autopilot mode | Standard mode |
|---------------------|---|---|
| Scaling | Automatic based on workload | You configure scaling |
| Nodes | Google manages and configures your nodes | You manage and configure your nodes |
| Configuration | Streamlined configuration ready to use | You can configure all options |
| Workloads supported | Most workloads except these limitations | All Kubernetes workloads |
| Billing method | Pay per pod | Pay per node (VM) |
| SLA | Kubernetes API and node availability | Kubernetes API availability |

[View all](#)

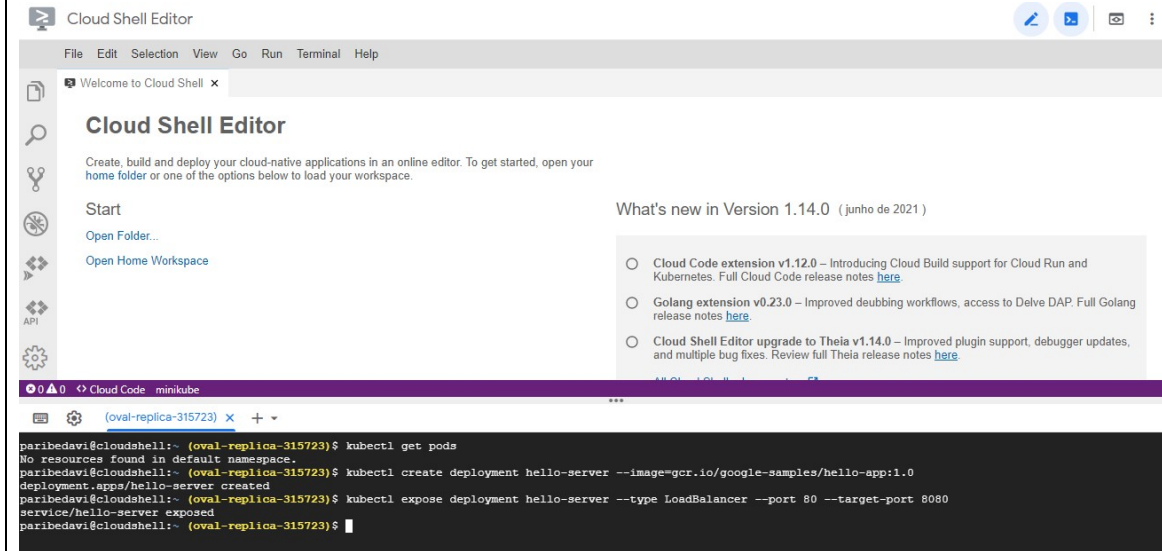
Autopilot vai pagar pela quantidade de pods que utilizar.







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)

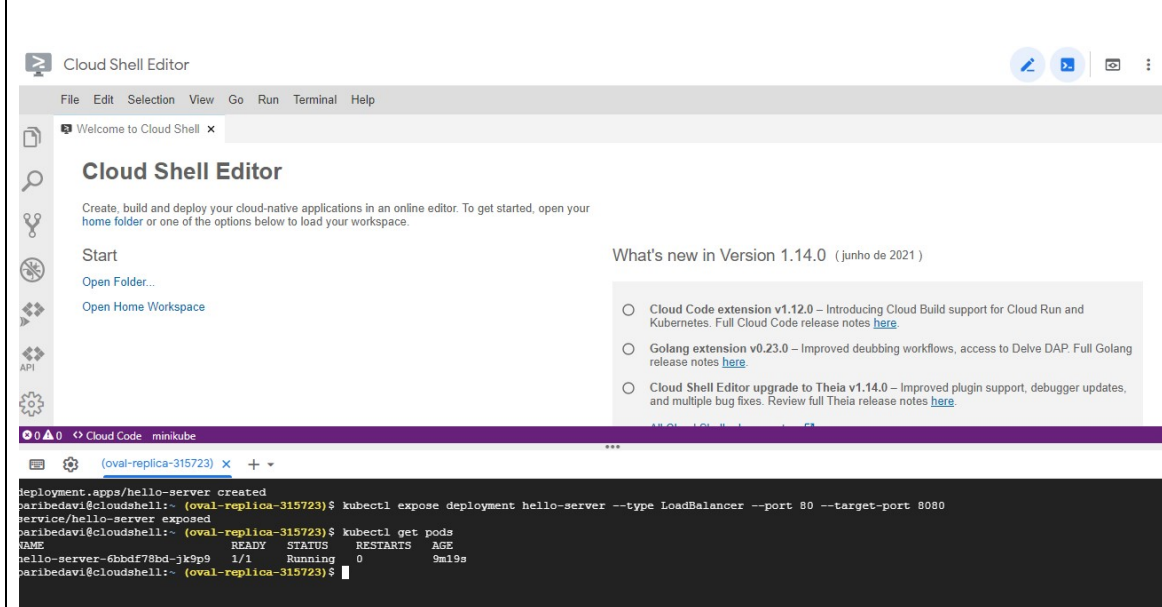
- Cloud Code extension v1.12.0 – Introducing Cloud Build support for Cloud Run and Kubernetes. Full Cloud Code release notes [here](#)
- Golang extension v0.23.0 – Improved debugging workflows, access to Delve DAP. Full Golang release notes [here](#)
- Cloud Shell Editor upgrade to Theia v1.14.0 – Improved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

Cloud Code minikube

(oval-replica-315723) x + -

```
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



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)

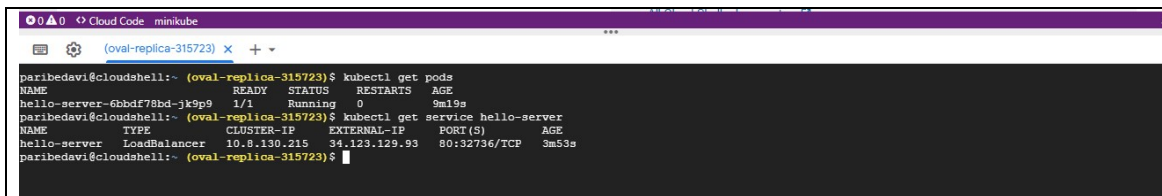
- Cloud Code extension v1.12.0 – Introducing Cloud Build support for Cloud Run and Kubernetes. Full Cloud Code release notes [here](#)
- Golang extension v0.23.0 – Improved debugging workflows, access to Delve DAP. Full Golang release notes [here](#)
- Cloud Shell Editor upgrade to Theia v1.14.0 – Improved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

Cloud Code minikube

(oval-replica-315723) x + -

```
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)$ kubectl get pods
NAME READY STATUS RESTARTS AGE
hello-server-6bbdf78bd-jk9p9 1/1 Running 0 9m19s
paribedavi@cloudshell:~ (oval-replica-315723)$
```

Service



Cloud Code minikube

(oval-replica-315723) x + -

```
paribedavi@cloudshell:~ (oval-replica-315723)$ kubectl get pods
NAME READY STATUS RESTARTS AGE
hello-server-6bbdf78bd-jk9p9 1/1 Running 0 9m19s
paribedavi@cloudshell:~ (oval-replica-315723)$ kubectl get service hello-server
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
hello-server LoadBalancer 10.8.130.215 34.123.129.93 80:32736/TCP 3m53s
paribedavi@cloudshell:~ (oval-replica-315723)$
```

Navegador

