Compte Rendu -Youness naji


```
Your Cloud Platform project in this session is set to tp-devops-401106.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
najiyounes80@cloudshell:~ (tp-devops-401106)$ git clone https://github.com/ynaji80/DevOps-Dauphine-TP.git
Cloning into 'DevOps-Dauphine-TP'...
remote: Enumerating objects: 20, done.
remote: Counting objects: 100% (20/20), done.
remote: Compressing objects: 100% (15/15), done.
remote: Total 20 (delta 4), reused 14 (delta 2), pack-reused 0
Receiving objects: 100% (20/20), 618.54 KiB | 1.62 MiB/s, done.
Resolving deltas: 100% (4/4), done.
najiyounes80@cloudshell:~ (tp-devops-401106)$ ls
DevOps-Dauphine-TP   docker-file   README-cloudshell.txt   tp4
najiyounes80@cloudshell:~ (tp-devops-401106)$ ls DevOps-Dauphine-TP/
images   README.md
najiyounes80@cloudshell:~ (tp-devops-401106)$ ls
DevOps-Dauphine-TP   docker-file   README-cloudshell.txt   tp4
najiyounes80@cloudshell:~ (tp-devops-401106)$ cd DevOps-Dauphine-TP/
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ ls
images   README.md
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ gcloud alpha sql instances create main-instance --database-version=MYSQL_8_0_31 --cpu=2 --memory=8GiB --zone=us-central1-a --root-password=root
API [sqladmin.googleapis.com] not enabled on project [tp-devops-401106]. Would you like to enable and retry (this will take a few minutes)? (y/N)?  Y

Enabling service [sqladmin.googleapis.com] on project [tp-devops-401106]...
Operation "operations/acat.p2-837983961675-37547232-8be6-4a73-9db8-5a3bed6eb4c4" finished successfully.
Creating Cloud SQL instance for MYSQL_8_0_31...done.

Created [https://sqladmin.googleapis.com/sql/v1beta4/projects/tp-devops-401106/instances/main-instance].
NAME: main-instance
DATABASE_VERSION: MYSQL_8_0_31
LOCATION: us-central1-a
TIER: db-custom-2-8192
PRIMARY_ADDRESS: 34.42.164.224
PRIVATE_ADDRESS: -
STATUS: RUNNABLE
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ ls
images   README.md
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ touch compte-rendu.md
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$
```

Artifact Registry

Dépôts   ➕   ✏️ MODIFIER LE DÉPÔT   🗑 SUPPRIMER   INSTRUCTIONS DE CONFIGURATION   ↻ ACTUALISER   ☁   MASQUER LE PANNEAU D'INFORMATIONS

▤ Dépôts

⚙ Paramètres

Activer l'analyse des failles   ✕

Les failles connues ne sont pas surveillées sur votre registre. GCP offre la surveillance automatique des failles de toutes les images transférées ou extraites au cours des 30 derniers jours, pour un coût de 0,26 $ par image.

ACTIVER   EN SAVOIR PLUS ↗

Sélectionnez un dépôt

AUTORISATIONS   LIBELLÉS

ℹ Veuillez sélectionner au moins une ressource.

⇅ Filtre   Saisissez le nom ou la valeur de la propriété   ❓ ▥

	Nom ↑	Format	Type	Zone	Description	Libellés	Stratégie de versio
☐	📁 website-tools	🐳 Docker	Standard	us-central1 (Iowa)			

CLOUD SHELL
Éditeur   ▶ Ouvrir le terminal   ▣ ▢

File Edit Selection View Go Run Terminal Help

EXPLORER

> OPEN EDITORS

∨ NAJIYOUNES80
  ∨ ⬤ DevOps-Dauphine-TP ●
    > 📁 images
      ⑂ backend.tf   U
      ⌨ compte-rendu.md   U
      ⑂ main.tf   U
      ▦ README.md
    > 📁 docker-file
    ∨ 📁 tp4
      🟧 app.js
      ⑂ backend.tf
      🐳 Dockerfile
      ⑂ main.tf
      📄 terraform.tfstate
      📄 terraform.tfstate.backup
      ▦ README-cloudshell.txt

▦ README.md   ⌨ compte-rendu.md   ⌨ compte-rendu.md /...   ⑂ backend.tf   ⑂ main.tf ✕

DevOps-Dauphine-TP > ⑂ main.tf > ⌘ resource "google_sql_user" "wordpress" > ...

```
 1  resource "google_project_service" "ressource_manager" {
 2      service = "cloudresourcemanager.googleapis.com"
 3  }
 4
 5  resource "google_project_service" "ressource_usage" {
 6      service = "serviceusage.googleapis.com"
 7      depends_on = [ google_project_service.ressource_manager ]
 8  }
 9
10  resource "google_project_service" "artifact" {
11      service = "artifactregistry.googleapis.com"
12      depends_on = [ google_project_service.ressource_manager ]
13  }
14
15  resource "google_sql_user" "wordpress" {
16      name     = "wordpress"
17      instance = "main-instance"
18      password = "root"
19  }
```

EXPLORER

OPEN EDITORS

NAJIYOUNE80
DevOps-Dauphine-TP
  images
  backend.tf   U
  compte-rendu.md   U
  main.tf   U
  README.md
  docker-file
  tp4
    app.js
    backend.tf
    Dockerfile
    main.tf
    terraform.tfstate
    terraform.tfstate.backup
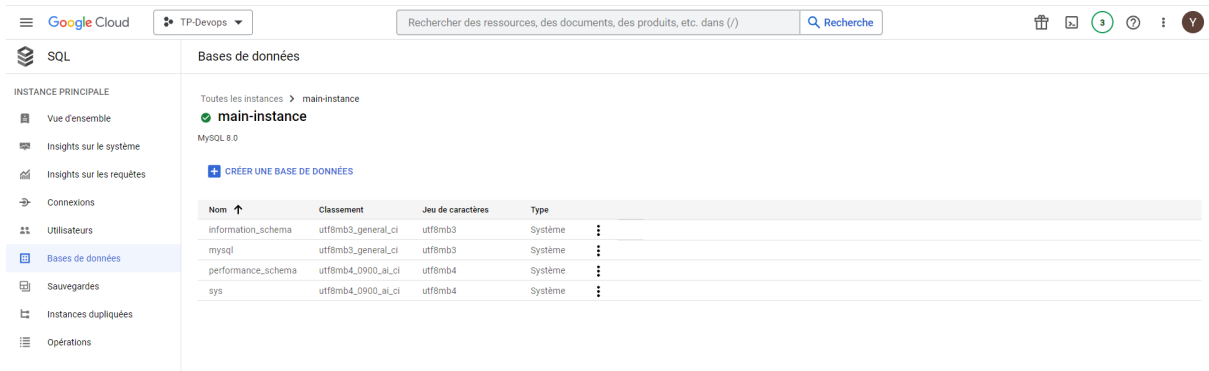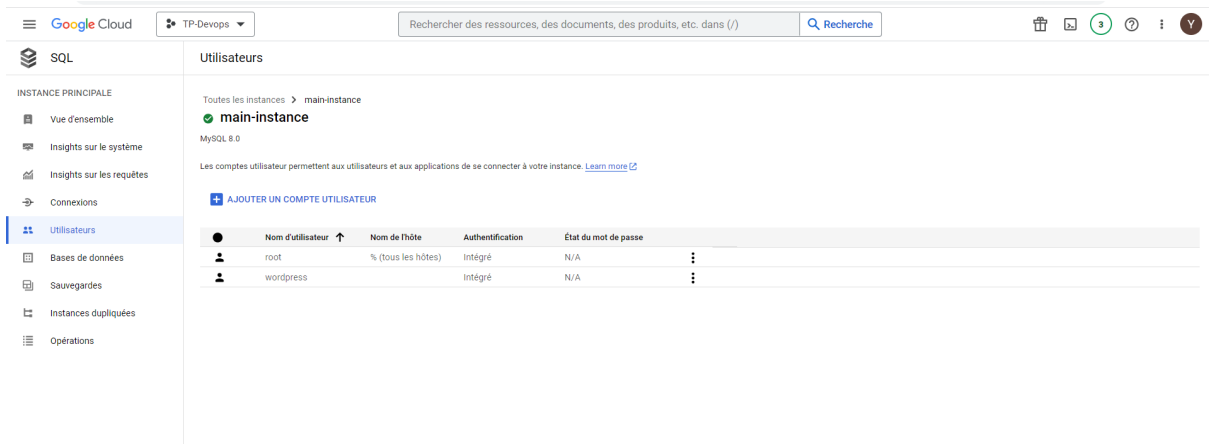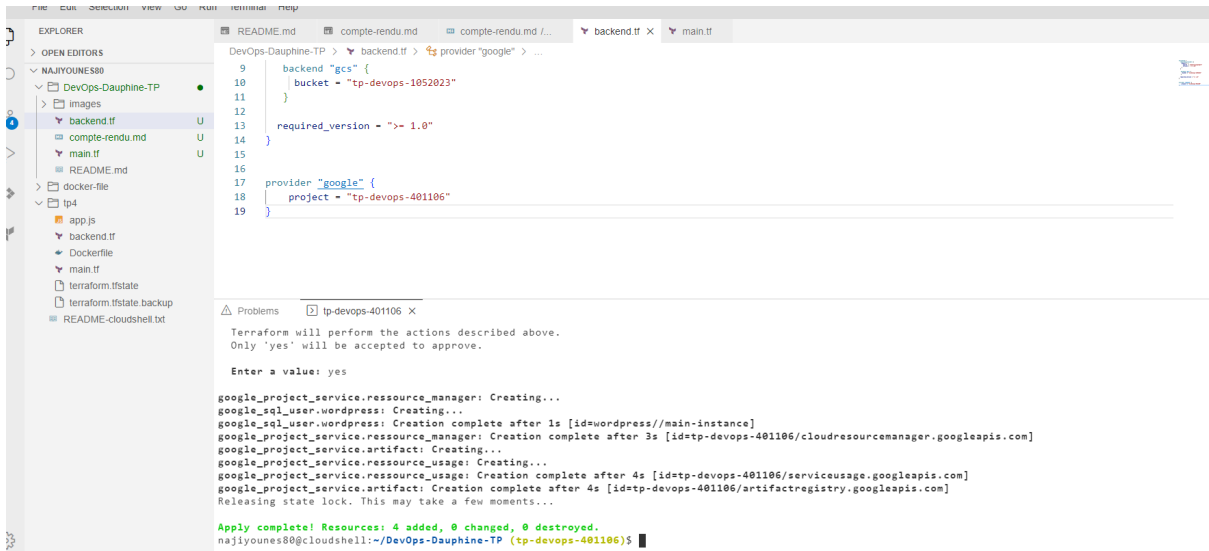   README-cloudshell.txt

README.md   compte-rendu.md   compte-rendu.md /...   backend.tf ×   main.tf

DevOps-Dauphine-TP > backend.tf > provider "google" > ...

```
 9     backend "gcs" {
10        bucket = "tp-devops-1052023"
11     }
12
13     required_version = ">= 1.0"
14  }
15
16
17  provider "google" {
18     project = "tp-devops-401106"
19  }
```

⚠ Problems   ▣ tp-devops-401106 ×

```
Terraform will perform the actions described above.
Only 'yes' will be accepted to approve.

Enter a value: yes

google_project_service.ressource_manager: Creating...
google_sql_user.wordpress: Creating...
google_sql_user.wordpress: Creation complete after 1s [id=wordpress//main-instance]
google_project_service.ressource_manager: Creation complete after 3s [id=tp-devops-401106/cloudresourcemanager.googleapis.com]
google_project_service.artifact: Creating...
google_project_service.ressource_usage: Creating...
google_project_service.ressource_usage: Creation complete after 4s [id=tp-devops-401106/serviceusage.googleapis.com]
google_project_service.artifact: Creation complete after 4s [id=tp-devops-401106/artifactregistry.googleapis.com]
Releasing state lock. This may take a few moments...

Apply complete! Resources: 4 added, 0 changed, 0 destroyed.
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$
```

☰ Google Cloud   ⬦ TP-Devops ▾   Rechercher des ressources, des documents, des produits, etc. dans (/)   🔍 Recherche   🎁 ⬓ ③ ⑦ ⋮ Y

⬢ SQL

INSTANCE PRINCIPALE   Utilisateurs

Vue d'ensemble   Toutes les instances > main-instance
Insights sur le système   ✅ main-instance
Insights sur les requêtes   MySQL 8.0
Connexions
Utilisateurs   Les comptes utilisateur permettent aux utilisateurs et aux applications de se connecter à votre instance. Learn more ☑
Bases de données
Sauvegardes   ➕ AJOUTER UN COMPTE UTILISATEUR
Instances dupliquées
Opérations

●	Nom d'utilisateur ↑	Nom de l'hôte	Authentification	État du mot de passe	
👤	root	% (tous les hôtes)	Intégré	N/A	⋮
👤	wordpress		Intégré	N/A	⋮

☰ Google Cloud   ⬦ TP-Devops ▾   Rechercher des ressources, des documents, des produits, etc. dans (/)   🔍 Recherche   🎁 ⬓ ③ ⑦ ⋮ Y

⬢ SQL

INSTANCE PRINCIPALE   Bases de données

Vue d'ensemble   Toutes les instances > main-instance
Insights sur le système   ✅ main-instance
Insights sur les requêtes   MySQL 8.0
Connexions
Utilisateurs   ➕ CRÉER UNE BASE DE DONNÉES
Bases de données
Sauvegardes
Instances dupliquées
Opérations

Nom ↑	Classement	Jeu de caractères	Type	
information_schema	utf8mb3_general_ci	utf8mb3	Système	⋮
mysql	utf8mb3_general_ci	utf8mb3	Système	⋮
performance_schema	utf8mb4_0900_ai_ci	utf8mb4	Système	⋮
sys	utf8mb4_0900_ai_ci	utf8mb4	Système	⋮

⚠ Problems   ▣ tp-devops-401106 ×

```
93b25a72d110: Pull complete
fddc2d64f77f: Pull complete
85410396e67b: Pull complete
03ff207cef26: Pull complete
216e3df096de: Pull complete
7333418449c6: Pull complete
8224d32add51: Pull complete
058c6ee9be95: Pull complete
d92fbf0200b5: Pull complete
8688bfaeeb46: Pull complete
Digest: sha256:a078d12a76827322cf95c1e3ae470d30bd518af6e0bdb42f4f49919b2b3ba74b
Status: Downloaded newer image for wordpress:latest
docker.io/library/wordpress:latest
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
wordpress     latest    8c0f37ccd87f   2 weeks ago    666MB
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$
```

```
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ docker rm -f 0df7563a2f1/
0df7563a2f17
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ docker run -d -p 8080:80  --name=container-wordpress  wordpress
3d3a76ff0aad82f392019237baa8237832b2c0f1aca231ce049952a7fa08dc0b
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ docker logs container-wordpress
WordPress not found in /var/www/html - copying now...
Complete! WordPress has been successfully copied to /var/www/html
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName' directive globally to suppress th
is message
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName' directive globally to suppress th
is message
[Thu Oct 05 08:10:33.946556 2023] [mpm_prefork:notice] [pid 1] AH00163: Apache/2.4.56 (Debian) PHP/8.0.30 configured -- resuming normal operations
[Thu Oct 05 08:10:33.946685 2023] [core:notice] [pid 1] AH00094: Command line: 'apache2 -D FOREGROUND'
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ █

najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ docker logs container-wordpress
WordPress not found in /var/www/html - copying now...
Complete! WordPress has been successfully copied to /var/www/html
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName' directive globally to suppress th
is message
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.18.0.2. Set the 'ServerName' directive globally to suppress th
is message
[Thu Oct 05 08:10:33.946556 2023] [mpm_prefork:notice] [pid 1] AH00163: Apache/2.4.56 (Debian) PHP/8.0.30 configured -- resuming normal operations
[Thu Oct 05 08:10:33.946685 2023] [core:notice] [pid 1] AH00094: Command line: 'apache2 -D FOREGROUND'
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ curl localhost:8080
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ curl localhost:80
curl: (7) Failed to connect to localhost port 80: Connection refused
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ curl localhost:8080
```

← → C 🔒 8080-cs-ddd895d7-641e-41dc-a770-2f21e98df570.cs-europe-west1-onse.cloudshell.dev/wp-admin/setup-config.php

WordPress

Select a default language

```
English (United States)
Afrikaans
አማርኛ
Aragonés
العربية
العربية المغربية
অসমীয়া
گؤنئی آذربایجان
Azərbaycan dili
Беларуская мова
Български
বাংলা
ﺑﮬﺪﮔﭼ
Bosanski
Català
Cebuano
Čeština
Cymraeg
Dansk
Deutsch (Österreich)
Deutsch (Schweiz, Du)
```

Select a default language

Continue

 README.md   compte-rendu.md   compte-rendu.md /...   ● Dockerfile ✕   backend.tf   main.tf

DevOps-Dauphine-TP > ● Dockerfile

```
1  FROM wordpress:latest
2  ENV WORDPRESS_DB_USER wordpress
3  ENV WORDPRESS_DB_PASSWORD root
4  ENV WORDPRESS_DB_NAME wordpress
5  ENV WORDPRESS_DB_HOST 0.0.0.0
```

⚠ Problems   ▣ tp-devops-401106 ✕

```
=> [1/1] FROM docker.io/library/wordpress:latest
=> exporting to image
=> => exporting layers
=> => writing image sha256:a017f4547a86321b382807dbcc017c1f9201cc3fa8627612cbbde6851494f571
=> => naming to docker.io/library/current-image-wordpress
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ docker run -d current-image-wordpress
eb2afdc9a68e99e424674cb1335c28eea4a2727d7d2c70fac471b6c61fbadb97
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ echo $WORDPRESS_DB_PASSWORD

najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ echo $WORDPRESS_DB_PASSWORD

najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$ docker run -it current-image-wordpress /bin/bash
root@15a2c2c0cbfb:/var/www/html# echo $WORDPRESS_DB_PASSWORD
root
root@15a2c2c0cbfb:/var/www/html# █
```

← → C 🔒 console.cloud.google.com/artifacts/docker/tp-devops-401106/us-central1/website-tools?project=tp-devops-401106   ⊕ ⭐ ⤓ ★ ▢ Y :

☰ Google Cloud   ⊟ TP-Devops ▾   Rechercher des ressources, des documents, des produits, etc. dans (/)   🔍 Recherche   🎁 ▣ ③ ⑦ : Y

⟨⟨⟩⟩ Artifact Registry   ← Images pour website-tools   🗑 SUPPRIMER   ✎ MODIFIER LE DÉPÔT   INSTRUCTIONS DE CONFIGURATION   ↻

⊟ Dépôts   ▫ us-central1-docker.pkg.dev > ▫ tp-devops-401106 > ▫ website-tools �

⚙ Paramètres

Détails du dépôt

Format   Docker
Type   Standard

⇥ Filtre Saisissez le nom ou la valeur de la propriété   ❓

☐ Nom ↑   Création   Mis à jour
☐ ● current-image-wordpress   À l'instant   À l'instant

▶ Ouvrir le terminal

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER
OPEN EDITORS
NAJIYOUNES80
DevOps-Dauphine-TP
  images
  backend.tf
  cloudbuild.yaml   U
  compte-rendu.md   M
  Dockerfile
  main.tf
  README.md
  docker-file
  tp4
    app.js
    backend.tf
    Dockerfile
    main.tf
    terraform.tfstate
    terraform.tfstate.backup
  README-cloudshell.txt

README.md   compte-rendu.md   compte-rendu.md /...   cloudbuild.yaml ×   Dockerfile   backend.tf   main.tf

DevOps-Dauphine-TP > cloudbuild.yaml > ...

```yaml
1   steps:
2   - name: 'gcr.io/cloud-builders/docker'
3     args: [ 'build', '-t', 'us-central1-docker.pkg.dev/tp-devops-401106/website-tools/current-image-wordpress:latest', '.' ]
4   images:
5   - 'us-central1-docker.pkg.dev/tp-devops-401106/website-tools/current-image-wordpress:latest'
```

⚠ Problems   ▶ tp-devops-401106 ×

```
c29349ed17da: Pushed
f8db76d2f7b9: Pushed
f0f56688f286: Pushed
10764c37bcbc: Pushed
37fa46f66725: Pushed
latest: digest: sha256:9ddd2c6e1b53d53f7d0bcfdc38c2e989410c23406f163a073f89148e0e4a493f size: 4710
DONE
--------------------------------------------------------------------------------------------------------------------
ID: c01832a8-6eab-4674-9d29-b2dbd7b450d2
CREATE_TIME: 2023-10-05T08:49:24+00:00
DURATION: 1M2S
SOURCE: gs://tp-devops-401106_cloudbuild/source/1696495745.972472-74072eebaad348379b7caec85071dc2d.tgz
IMAGES: us-central1-docker.pkg.dev/tp-devops-401106/website-tools/current-image-wordpress (+1 more)
STATUS: SUCCESS
najiyounes80@cloudshell:~/DevOps-Dauphine-TP (tp-devops-401106)$
```

☰ Google Cloud   TP-Devops ▾   Rechercher des ressources, des documents, des produits, etc. dans (/)   🔍 Recherche

Menu de navigation   Y

← Condensés pour current-image-wordpress   🗑 SUPPRIMER   INSTRUCTIONS DE CONFIGURATION   ↻

Dépôts
Paramètres

Activer l'analyse des failles   ✕

Les failles connues ne sont pas surveillées sur votre registre. GCP offre la surveillance automatique des failles de toutes les images transférées ou extraites au cours des 30 derniers jours, pour un coût de 0,26 $ par image.

ACTIVER   EN SAVOIR PLUS ↗

📁 us-central1-docker.pkg.dev > 📁 tp-devops-401106 > 📁 website-tools > ◆ current-image-wordpress 📋

▼ Filtre   Saisissez le nom ou la valeur de la propriété   ❓ ⫿⫿⫿

☐	Nom	Description	Balises	Création	Mis à jour ↓
☐	🖼 de721c978711		v2	À l'instant	À l'instant
☐	🖼 9ddd2c6e1b53		latest	il y a 6 minutes	il y a 6 minutes

Afficher les actions

← → ↻ 🔒 console.cloud.google.com/run/detail/us-central1/serveur-wordpress/logs?project=tp-devops-401106

☰ Google Cloud   TP-Devops ▾   Rechercher des ressources, des documents, des produits, etc. dans (/)   🔍 Recherche   Y

▶▶ Cloud Run   ← Informations sur le service   ✏ MODIFIER ET DÉPLOYER LA NOUVELLE RÉVISION   ⚙ CONFIGURER LE DÉPLOIEMENT CONTINU   ↻

Déploiement de la révision   ∧ MASQUER L'ÉTAT

Création de la révision…   🔴 Revision 'serveur-wordpress-00001-2dz' is not ready and cannot serve traffic. The user-provided container failed to start and listen on the port defined provided by the PORT=8080 environment variable. Logs for this revision might contain more information. Logs URL:
                            Ouvrir Cloud Logging. ↗ For more troubleshooting guidance, see https://cloud.google.com/run/docs/troubleshooting#container-failed-to-start ↗

Routage du trafic…   🌐 Pending

🔴   serveur-wordpress   Région : us-central1   URL :(manquant)

MÉTRIQUES   SLO   JOURNAUX   RÉVISIONS   MISE EN RÉSEAU   SÉCURITÉ   DÉCLENCHEURS   INTÉGRATIONS BÊTA   YAML

Journaux   Niveau de gravité
           Par défaut ▾   ▼ Filtre   Rechercher dans tous les champs et valeurs   ❓ ↗

NIVEAU DE GRAVITÉ	HORODATAGE	RÉSUMÉ
ⓘ	2023-10-05 11:10:47.003 HAEC	Cloud Run CreateService serveur-wordpress najiyounes80@gmail.com (@type: type.googleapis.com/google.cloud.audit.AuditLog, authenticationInfo: {…}, authorizationInfo: [..], methodName: google.cloud.run.v1.Servi…
◉	2023-10-05 11:12:13.454 HAEC	WordPress not found in /var/www/html - copying now...
◉	2023-10-05 11:12:24.822 HAEC	Complete! WordPress has been successfully copied to /var/www/html
◉	2023-10-05 11:12:24.823 HAEC	No 'wp-config.php' found in /var/www/html, but 'WORDPRESS_...' variables supplied; copying 'wp-config-docker.php' (WORDPRESS_DB_HOST WORDPRESS_DB_NAME WORDPRESS_DB_PASSWORD WORDPRESS_DB_USER)
◉	2023-10-05 11:12:25.549 HAEC	AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.0.1. Set the 'ServerName' directive globally to suppress this message
◉	2023-10-05 11:12:25.601 HAEC	AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.0.1. Set the 'ServerName' directive globally to suppress this message
◉	2023-10-05 11:12:26.050 HAEC	[Thu Oct 05 09:12:26.047077 2023] [mpm_prefork:notice] [pid 1] AH00163: Apache/2.4.56 (Debian) PHP/8.0.30 configured -- resuming normal operations
◉	2023-10-05 11:12:26.051 HAEC	[Thu Oct 05 09:12:26.050936 2023] [core:notice] [pid 1] AH00094: Command line: 'apache2 -D FOREGROUND'
🔴	2023-10-05 11:16:13.396 HAEC	Default STARTUP TCP probe failed 1 time consecutively for container "current-image-wordpress-1" on port 8080. The instance was not started.
🔴	2023-10-05 11:16:13.427 HAEC	Cloud Run v1 serveur-wordpress-00001-2dz (@type: type.googleapis.com/google.cloud.audit.AuditLog, methodName: v1, resourceName: namespaces/tp-devops-401106/revisions/serveur-wordpress-00001-2dz, response: {…
🔴	2023-10-05 11:16:13.758 HAEC	Cloud Run v1 serveur-wordpress (@type: type.googleapis.com/google.cloud.audit.AuditLog, methodName: v1, resourceName: namespaces/tp-devops-401106/services/serveur-wordpress, response: {…}, serviceName: run.g…