

## Partie 1

### Question 1

```
cdaielodie@cloudshell:~ (vital-charger-424406-u2) $ PROJECT_ID=$(gcloud config get-value project)
gsutil mb gs://${PROJECT_ID}-tfstate
Your active configuration is: [cloudshell-30107]
Creating gs://vital-charger-424406-u2-tfstate/...
```

### Question 5

Toutes les instances > main-instance

✓ **main-instance**

MySQL 8.0

Les comptes utilisateur permettent aux utilisateurs et aux applications de se connecter à votre instance. [Learn more](#)

+ AJOUTER UN COMPTE UTILISATEUR

UTILISATEURS AJOUTÉS

MEMBRES DU GROUPE IAM AUTHENTIFIÉS

Comptes auxquels vous avez accordé l'accès à l'instance à l'aide de l'authentification intégrée ou IAM.

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

### Question 6

Toutes les instances > main-instance

✓ **main-instance**

MySQL 8.0

+ CRÉER UNE BASE DE DONNÉES

| 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     | ⋮ |
| wordpress          | utf8mb4_0900_ai_ci | utf8mb4           | Utilisateur | ⋮ |

## Partie 2

### Question 1

```
Digest: sha256:b60e01ce06202c836b46d54cb3ecea3a6f30950491e6805ce17d840ff6943c0
Status: Downloaded newer image for wordpress:latest
docker.io/library/wordpress:latest
```

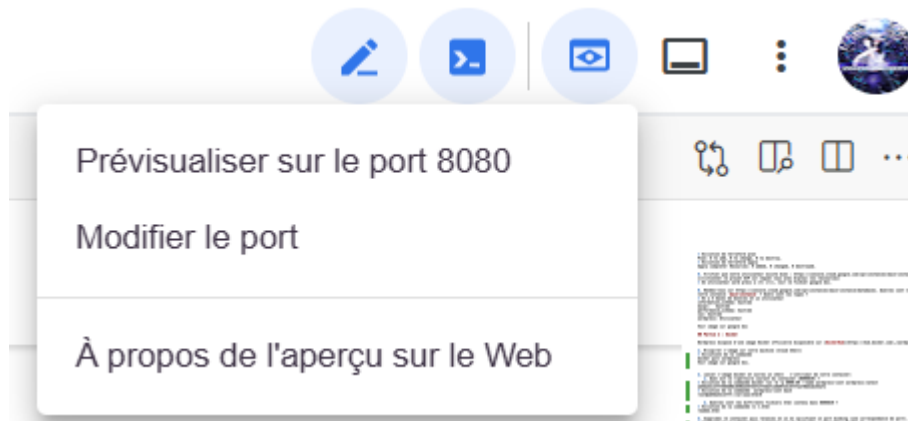
### Vérification

```
cdaielodie@cloudshell:~/DevOps-Dauphine-TP (vital-charger-424406-u2) $ docker images | grep wordpress
wordpress latest c012b71a41fc 2 months ago 701MB
```

### Question 3.iii

```
cdaielodie@cloudshell:~/DevOps-Dauphine-TP (vital-charger-424406-u2)$ docker logs e5a
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 172.17.0.2. Set the 'ServerName' directive globally to suppress this message
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.2. Set the 'ServerName' directive globally to suppress this message
[Thu Jan 30 08:37:57.482721 2025] [mpm_prefork:notice] [pid 1:tid 1] AH00163: Apache/2.4.62 (Debian) PHP/8.2.27 configured -- resuming normal operations
[Thu Jan 30 08:37:57.482789 2025] [core:notice] [pid 1:tid 1] AH00094: Command line: 'apache2 -D FOREGROUND'
172.17.0.1 - - [30/Jan/2025:08:39:26 +0000] "GET / HTTP/1.1" 302 235 "-" "curl/8.5.0"
```

### Question 3.iv.a



### Question 3.iv.b

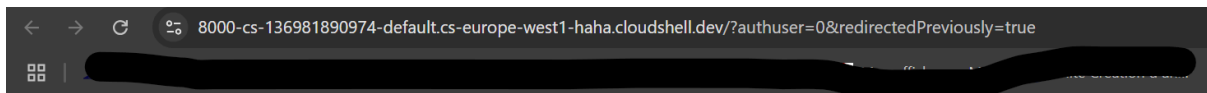
## Modifier le port d'aperçu

Numéro du port\*

Annuler

Modifier et prévisualiser

### Question 3.iv.c



#### Unable to forward your request to a backend

Couldn't connect to a server on port 8000. Ensure you have selected the correct port with a HTTP server running on it.

### Question 5.iii

```
cdaielodie@cloudshell:~/DevOps-Dauphine-TP (vital-charger-424406-u2)$ docker build -t my-wordpress:latest .
[+] Building 0.5s (5/5) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 194B
=> WARN: SecretsUsedInArgOrEnv: Do not use ARG or ENV instructions for sensitive data (ENV "WORDPRESS_DB_PASSWORD") (line 5)
=> [internal] load metadata for docker.io/library/wordpress:latest
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [1/1] FROM docker.io/library/wordpress:latest
=> exporting to image
=> => exporting layers
=> => writing image sha256:4c6ec37f97d2e843d7a3a3ad3a5aledbd706f44d6b39f43888dcf6ea20fda854
=> => naming to docker.io/library/my-wordpress:latest

1 warning found (use docker --debug to expand):
- SecretsUsedInArgOrEnv: Do not use ARG or ENV instructions for sensitive data (ENV "WORDPRESS_DB_PASSWORD") (line 5)
```

Question 6.i

Artifact Registry

Dépôts

+ CRÉER UN DÉPÔT

MODIFIER LE DÉPÔT

SUPPRIMER

INSTRUCTIONS DE CONFIGURATION

ACTUALISER

Dépôts

Paramètres

Filtrer

Saisissez le nom ou la valeur de la propriété

| <input type="checkbox"/> | Nom ↑           | Format | Type     | Zone               | Analyse (Désactivé) | Description | Étiquettes        | Stratégie de version | Chiffrement      |
|--------------------------|-----------------|--------|----------|--------------------|---------------------|-------------|-------------------|----------------------|------------------|
| <input type="checkbox"/> | my-repository   | Docker | Standard | us-central1 (Iowa) | Désactivé           |             |                   | —                    | Gérée par Google |
| <input type="checkbox"/> | my-repository-2 | Docker | Standard | us-central1 (Iowa) | Désactivé           |             |                   | —                    | Gérée par Google |
| <input type="checkbox"/> | website-tools   | Docker | Standard | us-central1 (Iowa) | Désactivé           |             | goog-terra-: true | —                    | Gérée par Google |

Partie 3

Configurer l'adresse IP de la base MySQL utilisée par Wordpress

Question 1

My First Project

Tapez / pour rechercher des ressources, des documents, des produits, etc

Rechercher

Connexions

Toutes les instances > main-instance

main-instance

MySQL 8.0

RÉSUMÉ

RÉSEAU

SÉCURITÉ

TESTS DE CONNECTIVITÉ

Réseau

Nom de la connexion

vital-charger-424406-u2:us-central1:main-instance

Connectivité IP privée

Désactivée

Connectivité IP publique

Activée

Adresse IP publique

34.44.162.209

Sécurité

Autorisation des services Google Cloud

Désactivée

Autorisation App Engine

Activé

Chiffrement SSL/TLS

Autoriser uniquement les connexions SSL

Désactivée

Exiger des certificats client de confiance

Désactivée

Certificat serveur

Expire 28 janv. 2035, 08:55:12

Question 2

ps-Dauphine-TP / Dockerfile

FROM wordpress:latest

ENV WORDPRESS\_DB\_HOST=0.0.0.0

ENV WORDPRESS\_DB\_USER=wordpress

ENV WORDPRESS\_DB\_PASSWORD=ilovedevops

ENV WORDPRESS\_DB\_NAME=wordpress

DevOps-Dauphine-TP > Dockerfile

1 FROM wordpress:latest

2

3 ENV WORDPRESS\_DB\_HOST=34.44.162.209

4 ENV WORDPRESS\_DB\_USER=wordpress

5 ENV WORDPRESS\_DB\_PASSWORD=ilovedevops

6 ENV WORDPRESS\_DB\_NAME=wordpress

7

## Deployer notre image docker sur CloudRun

2025-01-30 11:19:48.958 INFO 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)

Ouvrir dans l'explorateur de journaux

```
{
  httpRequest: null
  insertId: "679b5244080e9fc2ff8e8384"
  jsonPayload: null
  labels: {}
  logName: "projects/vital-charger-424486-u2/logs/run.googleapis.com%2Fstderr"
  operation: null
  payload: "textPayload"
  protoPayload: null
  receiveLocation: "us-central1"
  receiveTimestamp: "2025-01-30T10:19:49.818248715Z"
  resource: {}
  severity: "DEFAULT"
  sourceLocation: null
  split: null
  textPayload: "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)"
  timestamp: "2025-01-30T10:19:49.958482Z"
  traceSampled: false
}
```

## Question 2.i

2025-01-30 11:19:48.958 INFO 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)

Ouvrir dans l'explorateur de journaux

```
{
  httpRequest: null
  insertId: "679b5244080e9fc2ff8e8384"
  jsonPayload: null
  labels: {}
  logName: "projects/vital-charger-424486-u2/logs/run.googleapis.com%2Fstderr"
  operation: null
  payload: "textPayload"
  protoPayload: null
  receiveLocation: "us-central1"
  receiveTimestamp: "2025-01-30T10:19:49.818248715Z"
  resource: {}
  severity: "DEFAULT"
  sourceLocation: null
  split: null
  textPayload: "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)"
  timestamp: "2025-01-30T10:19:48.958482Z"
  traceSampled: false
}
```

## Question 2.iii

2025-01-30 11:19:48.958 INFO 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)

2025-01-30 11:19:49.796 INFO 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

2025-01-30 11:19:49.888 INFO Default: STARTUP TCP probe succeeded after 1 attempt for container "my-wordpress-1" on port 88.

2025-01-30 11:19:49.831 INFO 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

2025-01-30 11:19:49.879 INFO Cloud Run CreateService wordpress-service-00001-fkv @type: type.googleapis.com/google.cloud.audit.AuditLog, methodName: /Services.CreateService, resourceName: namespaces/vital-charger-424486-u2/versions/wordpress-service-00001-fkv...

2025-01-30 11:19:51.170 INFO Cloud Run CreateService wordpress-service @type: type.googleapis.com/google.cloud.audit.AuditLog, methodName: /Services.CreateService, resourceName: namespaces/vital-charger-424486-u2/services/wordpress-service, response: {}, servi...

2025-01-30 11:19:54.289 INFO [Thu Jan 30 10:19:54.289851 2025] [mpm\_prefork:notice] [pid 1:tid 1] AH00163: Apache/2.4.62 (debian) PHP/8.2.27 configured -- resuming normal operations

2025-01-30 11:19:54.289 INFO [Thu Jan 30 10:19:54.298475 2025] [core:notice] [pid 1:tid 1] AH00094: Command line: 'apache2 -D FOREGROUND'

Aucune entrée plus récente correspondant au filtre actuel trouvée

## Question 4.iii

Error: Forbidden

Your client does not have permission to get URL / from this server.

## Question5.iv

Error establishing a database connection