

# Covcheck

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## Introduction

The document describes how to install the **Covcheck** application server and configure a Galaxy Gate so that COVID certificates and tests presented at the gate can be validated through the server's REST API.

## Installation of Covcheck Application Server

### Prerequisites

- Ubuntu 22.04 mit Internetzugang
- Benutzer mit **sudo**-Berechtigungen und Verfügbarkeit eines Benutzers mit der ID 1000 (*cat /etc/passwd | grep 1000*)
- Archiv **covid-installer.tar.gz** mit den Dateien, die in [Installationsdateien](#installation-files) aufgelistet sind

### Installationsschritte

- Verbinden Sie sich mit **ssh** mit dem Ubuntu-Server
- Kopieren Sie **covid-installer.tar.gz** in ein lokales Verzeichnis
- Führen Sie den folgenden Befehl aus:

```
tar xvf covid-installer.tar.gz && cd ./covid-installer
```

- Modify file **.env** and specify the database password (**POSTGRES\_PASSWORD**) and, if necessary, host name (**ODOO\_HOST\_NAME**) and timezone (**TZ**):

```
POSTGRES_PASSWORD=gR7K6GT8MvQHpvLs  
ODOO_HOST_NAME=covcheck.maxcr.de  
TZ=Europe/Berlin
```

- If SSL certificates are provided for domain name **ODOO\_HOST\_NAME** put them into directory **/etc/nginx/certs**, e.g:

```
sudo mkdir -p /etc/nginx/certs
sudo tar xvf certs.tar.gz -C /
```

- If SSL certificates are not available, HTTP connection will be used and you need to modify file **\*\*docker-compose\*\*** accordingly:
  - Add this section to container **\*\*odoo\*\***:

```
ports:
- 80:8069
```

- Comment out or remove port 80 for container **\*\*nginx\_proxy\*\***:

```
ports:
# - 80:80
- 443:443
```

- Run the installer script:

```
script=install-covcheck.sh && chmod +x $script && ./$script -i
```

- The installation is finished successfully if you see this line in the shell:

```
### Installation finished successfully
```

## Installation Files

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### **.env**

environment variables

### **boot-covid-install.sh**

development script

### **covcheck.tar.gz**

archived covcheck and request\_extension ODOO addons

### **covid-installer.tar.gz**

archive of other files from this list

### **docker-compose.yml**

docker compose file

### **install-covid.sh**

primary installation script

### **nginx-vhost**

template vhost file for nginx

### **odoo.conf**

configuration file for ODOO

### **README.md**

Covcheck

this file: