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
```

You can make sure that the Covcheck is installed and running by executing the following command:

```
curl https://covcheck.maxcrc.de/covcheck/status
```

The reply must be a JSON like as follows:

```
{
    "status":"ok",
    "last_update":"2022-07-04 12:06:34"
}
```

Installation Files

.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

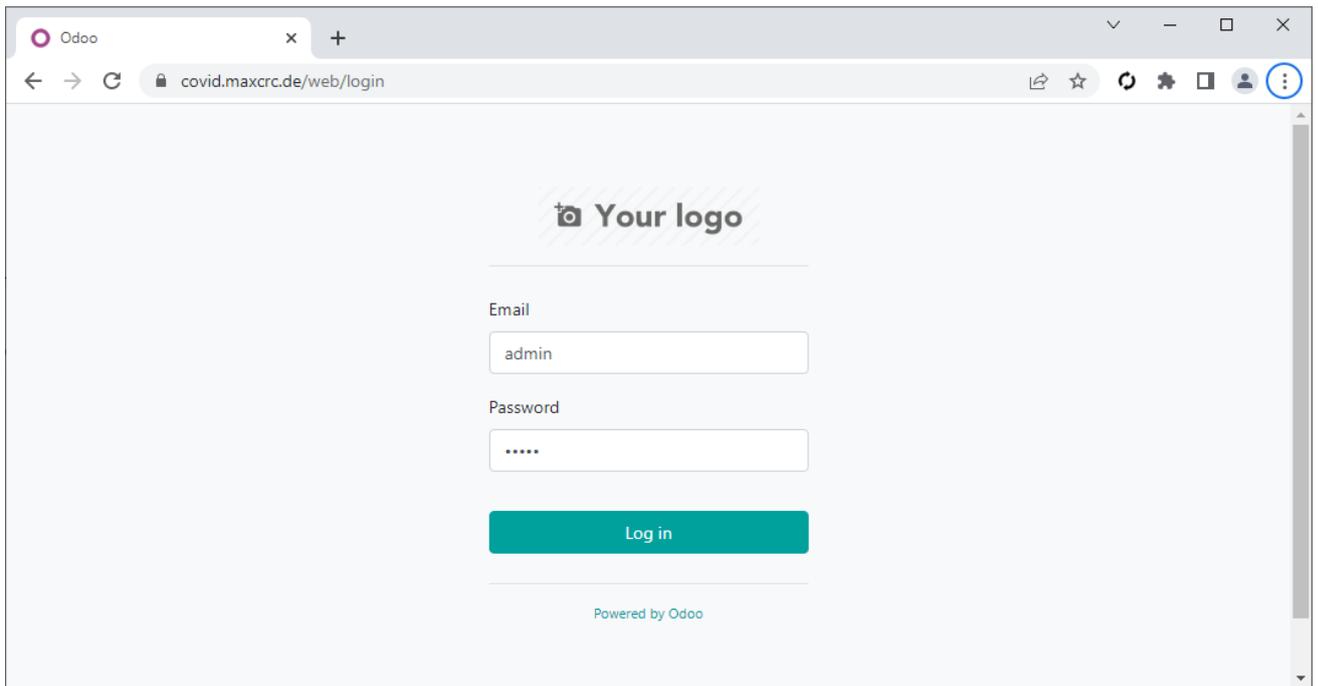configuration file for ODOO

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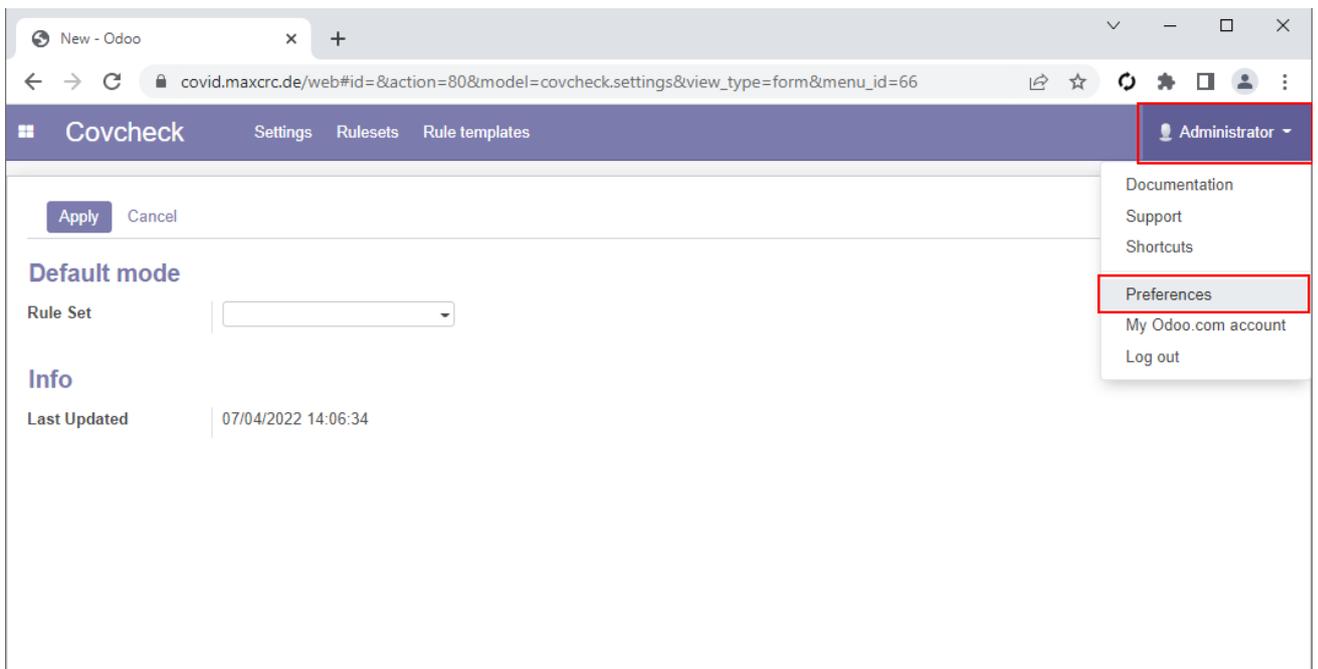this file

Configuration of Covcheck Application Server

Change Default Password

- Open the address of the server in a browser and loging using the following default credentials:
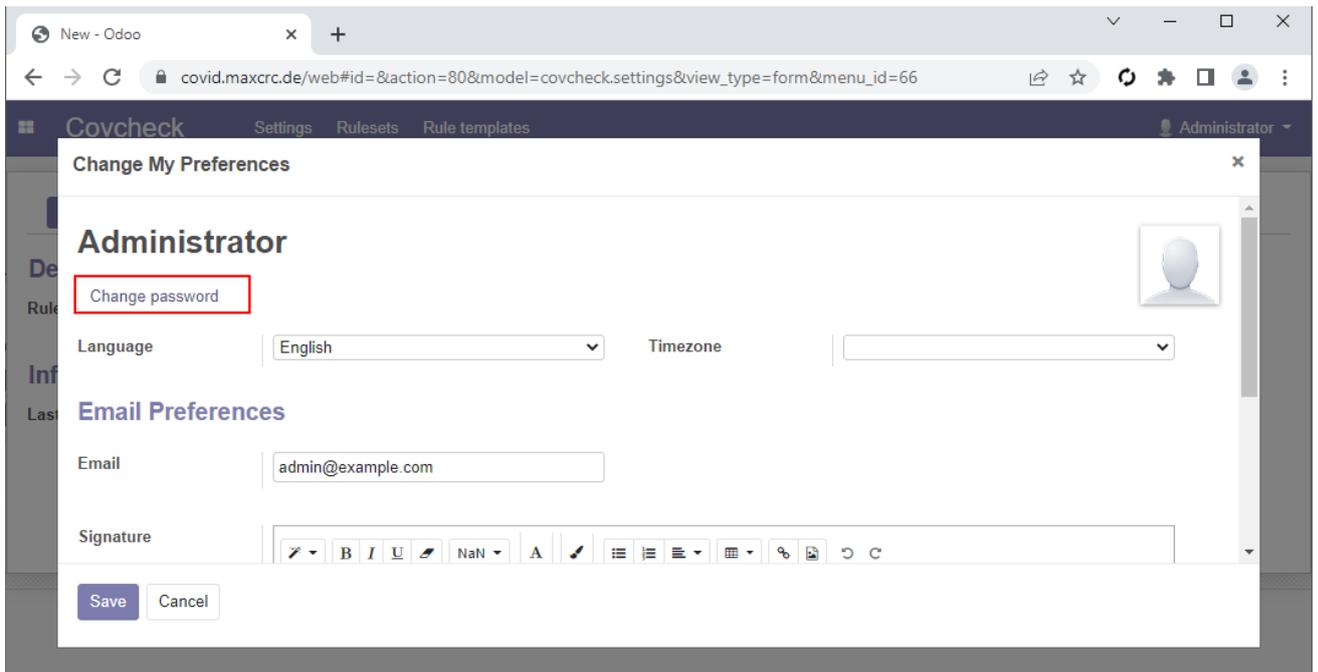
Username	Password
admin	admin

■ Click the **Administrator** in the top right corner and then **Preferences**:

■ In the opened window click **Change password**:

- Fill-in the following fields and then click **Change Password**:
  - Old Password
  - New Password
  - Confirm New Password