# Covcheck

**Inhaltsverzeichnis**

# 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 with Internet access
- User with **sudo** permissions and availability of a user with ID 1000 (**cat /etc/passwd | grep 1000**)
- Archive **covid-installer.tar.gz** with the files listed in Installation Files

## Installation Steps

- Connect with **ssh** to the Ubuntu server

- Copy **covid-installer.tar.gz** to the local directory

- Execute the following command:

```
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

## 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
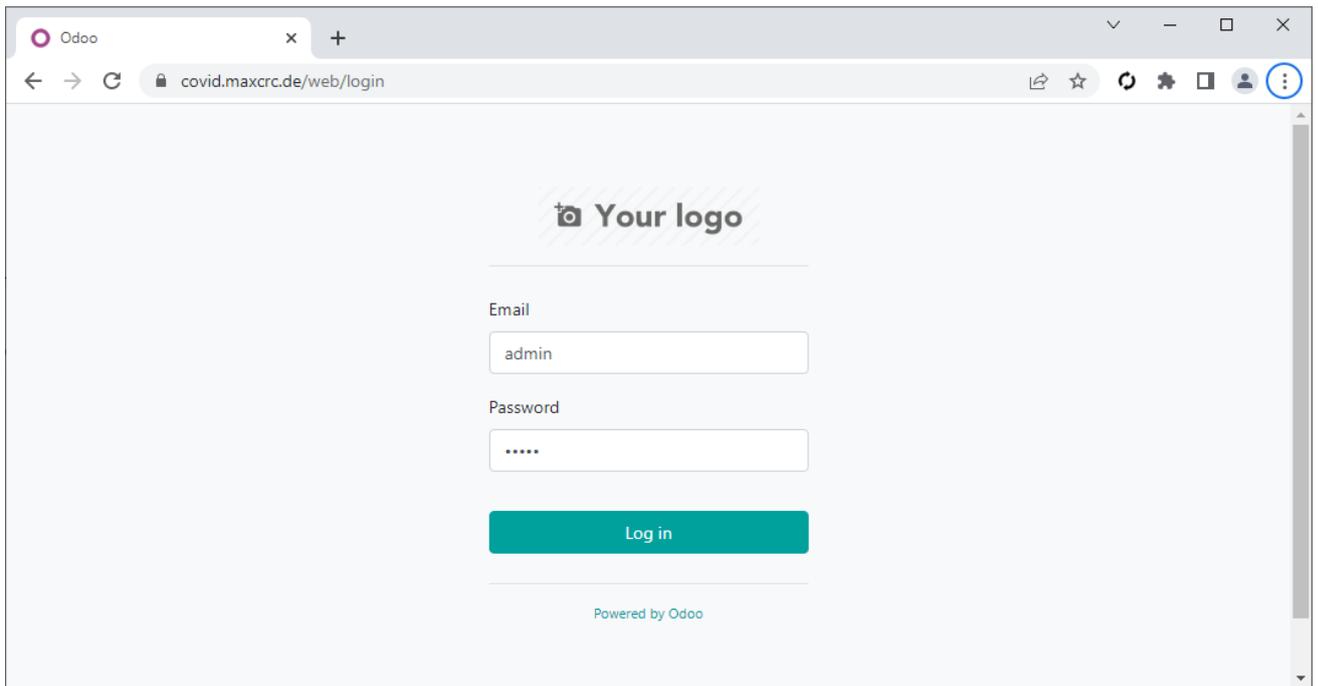
**odoo.conf**
    configuration file for ODOO

**README.md**
    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**:
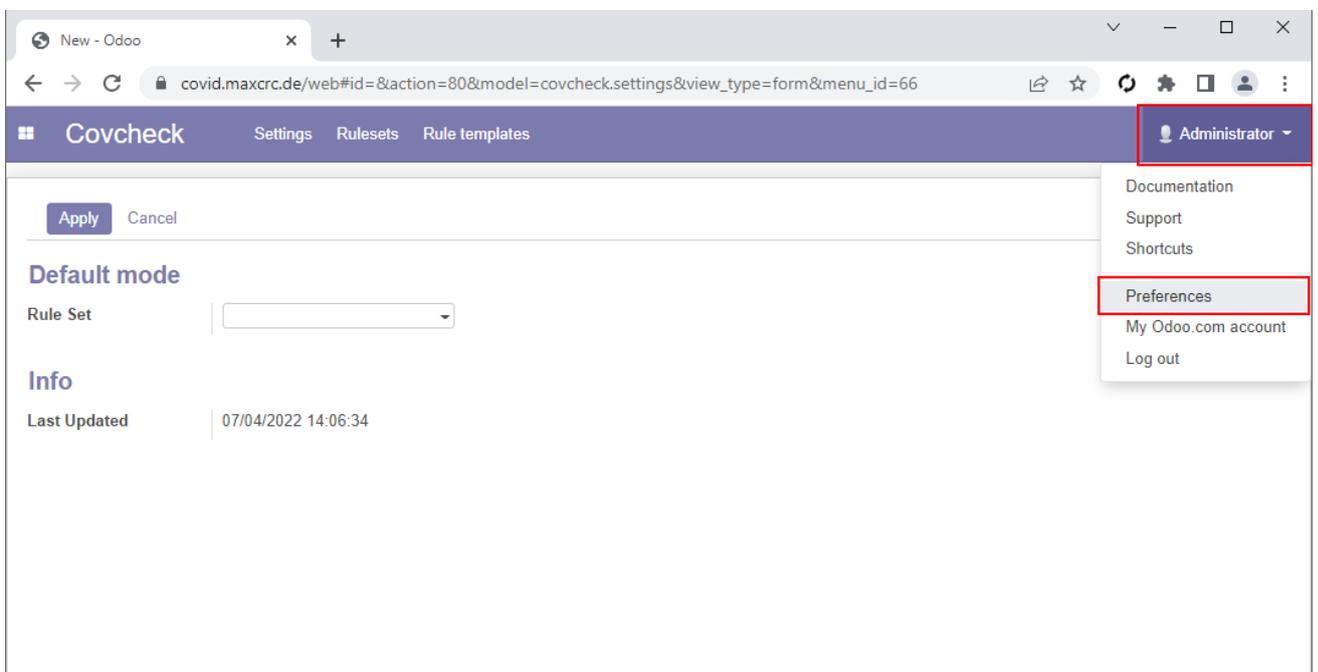


In the opened window click **Change password**:
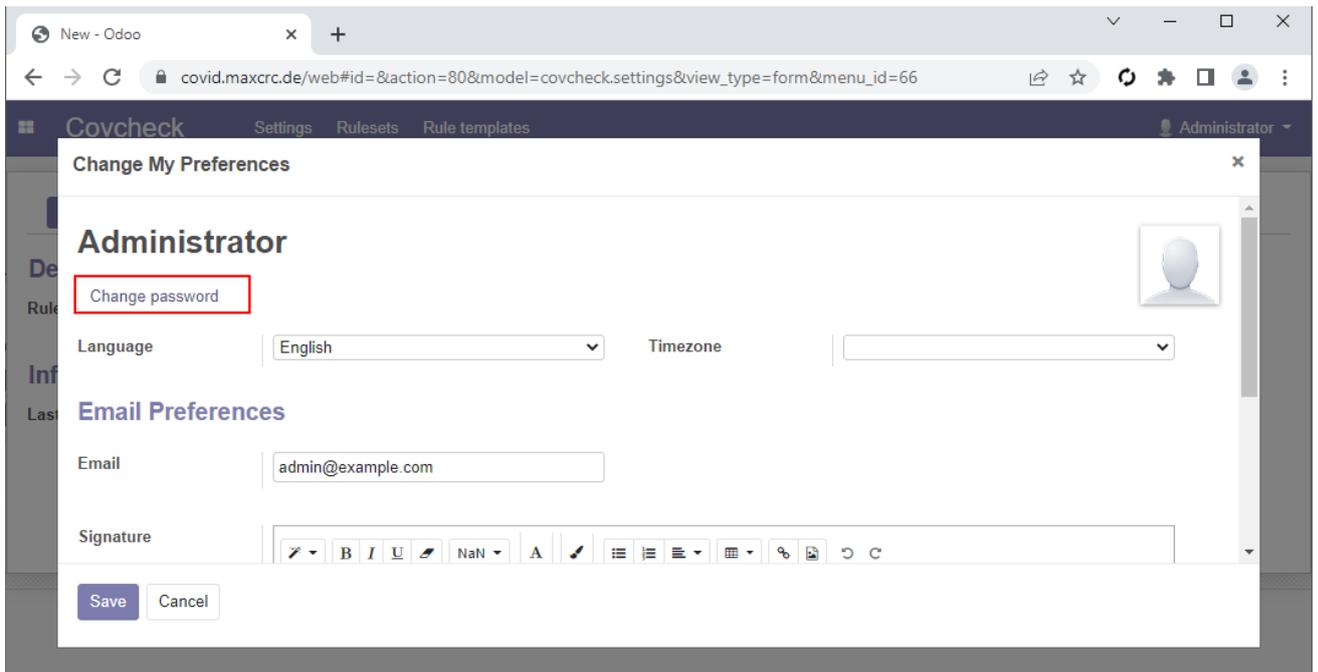
Fill-in the following fields and then click **Change Password**:

- ■ Old Password
  - ■ New Password
  - ■ Confirm New Password
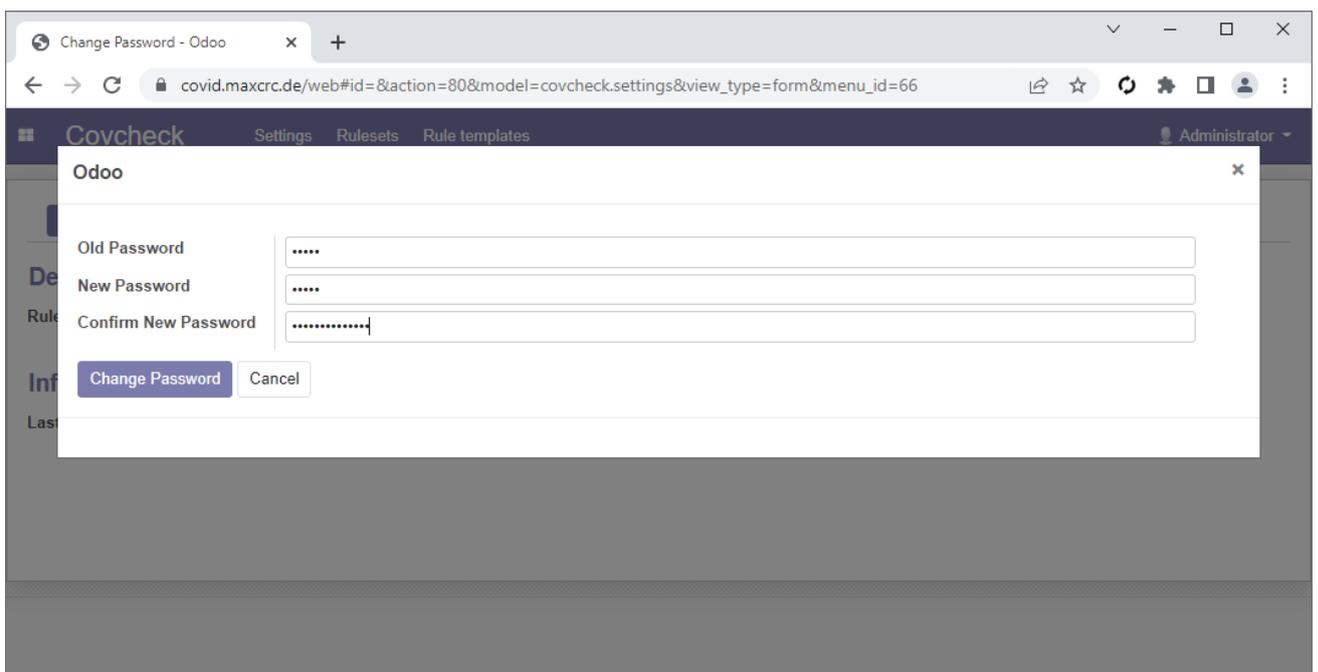
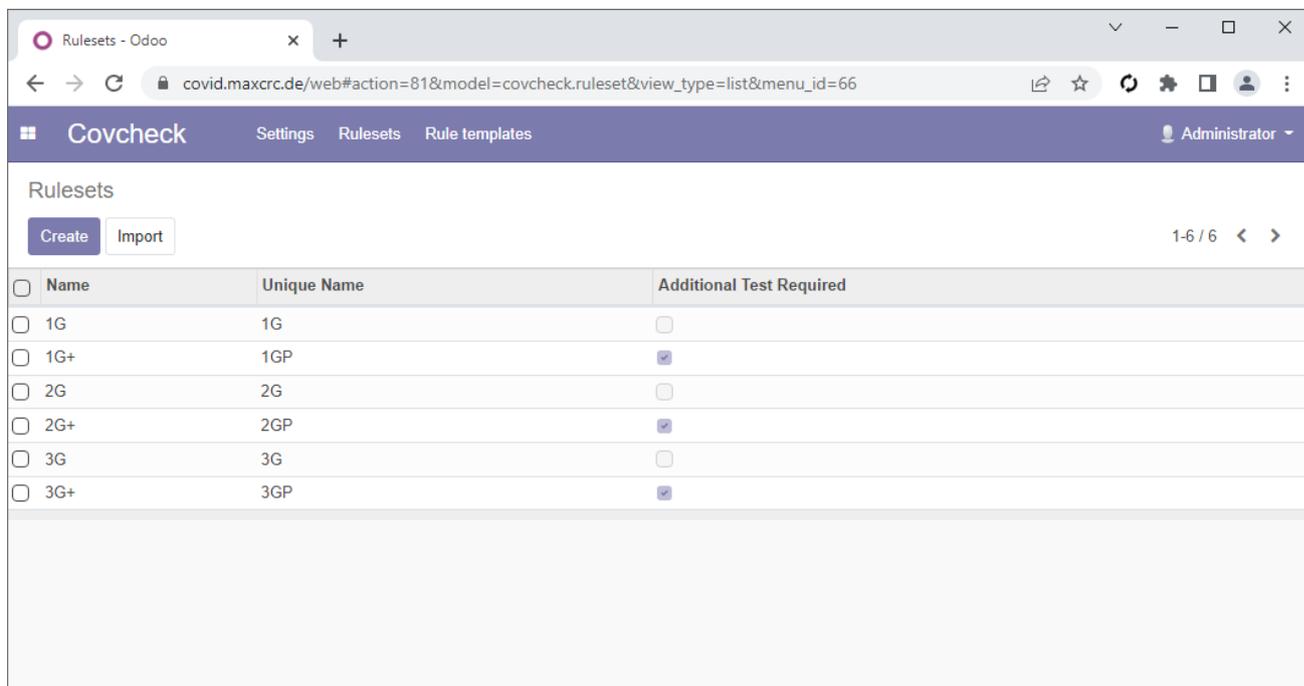## Managing Rulesets

You can add, modify and delete rulesets on the **Rulesets** page:
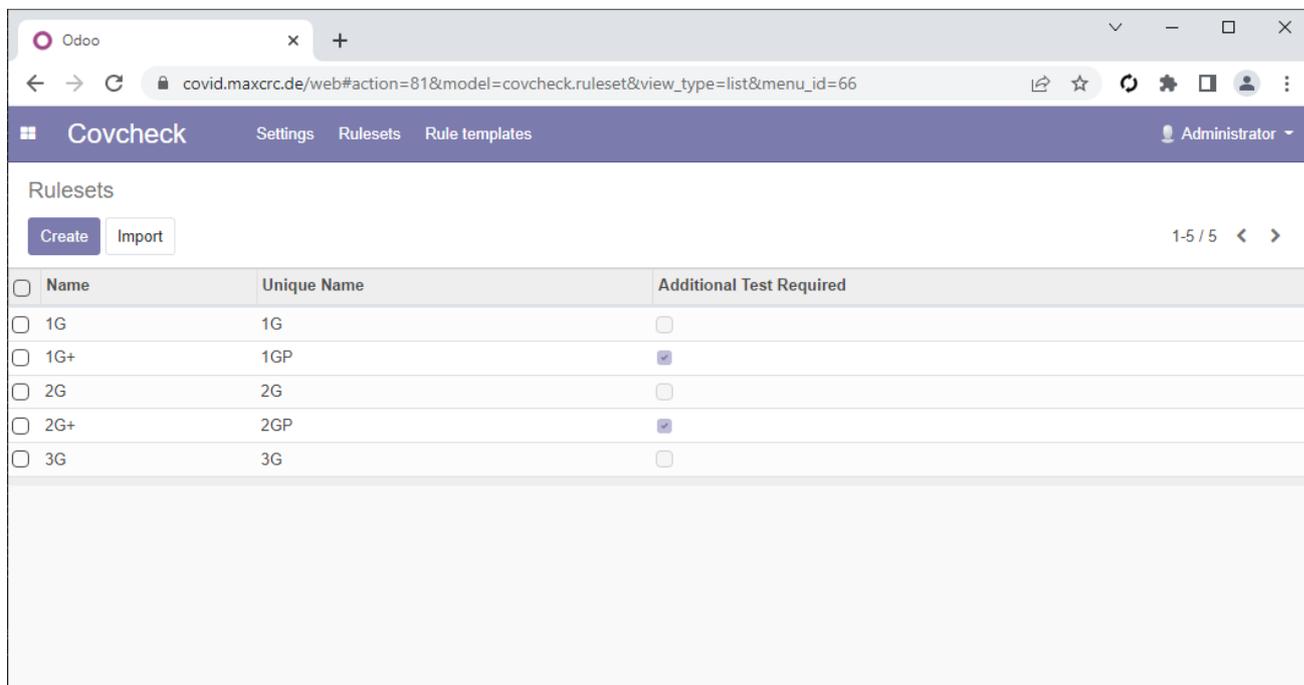


For example, let us create a ruleset **3G+**, which requires an additional test. Click **Create** fill-in the fields **Name** and **Unique Name**, check **Additional Test Required** and click **Save**:

The list now includesthe **3G+**ruleset:



## Configuration of Galaxy Gate

In order COVID certificates and tests can be validated against the Covcheck server the proper dispatcher and display must be selected and configured.

## Dispatcher

## Display