

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

Installation Steps

- 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**):

Covcheck

```
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

README.md

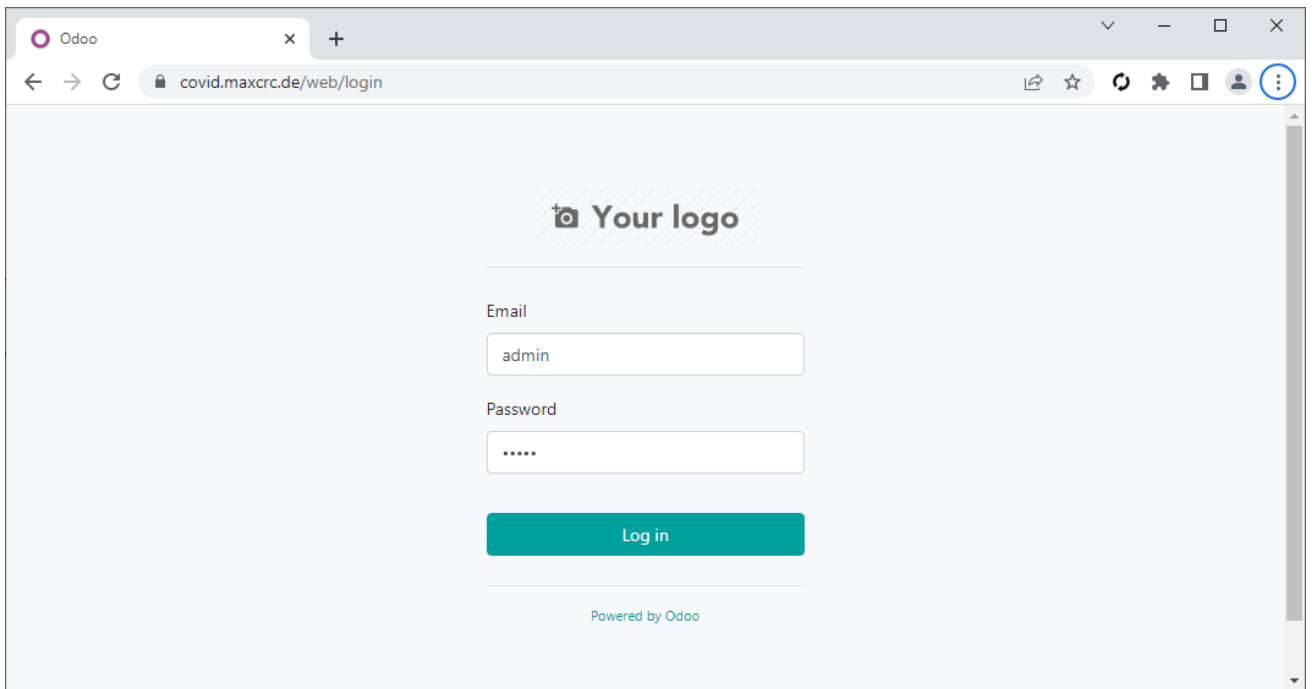
this file

Configuration of Covcheck Application Server

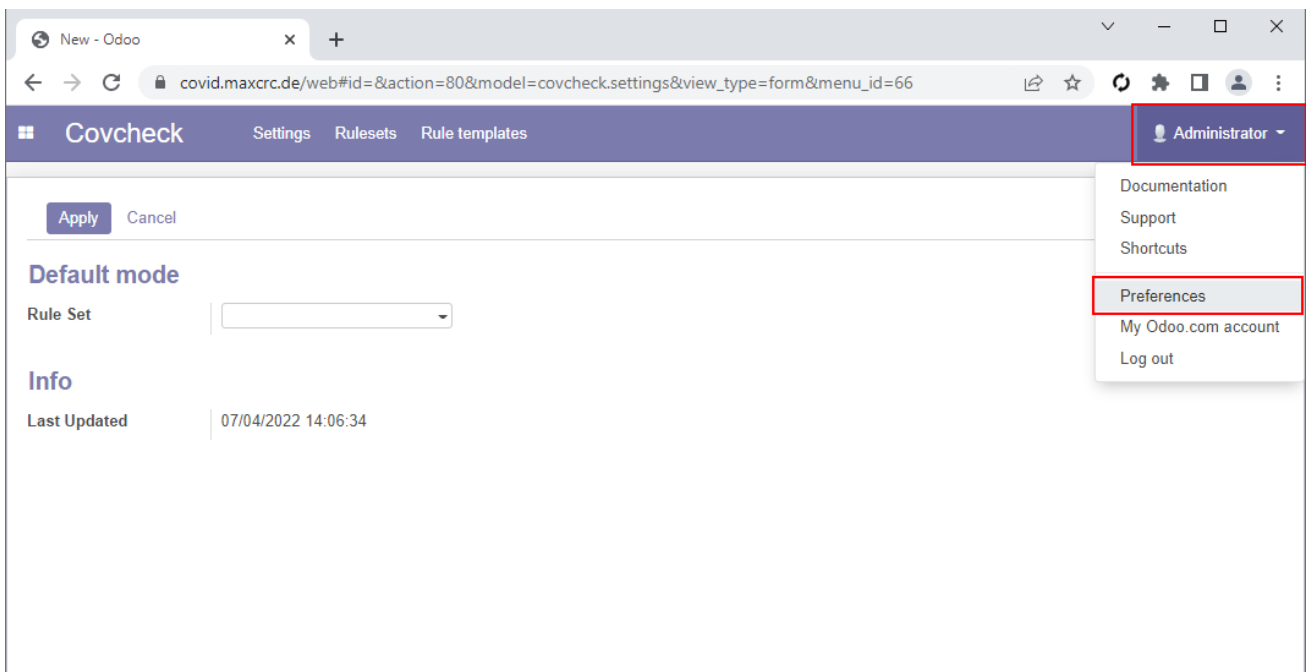
Change Default Password

- Open the address of the server in a browser and logging using the following default credentials:

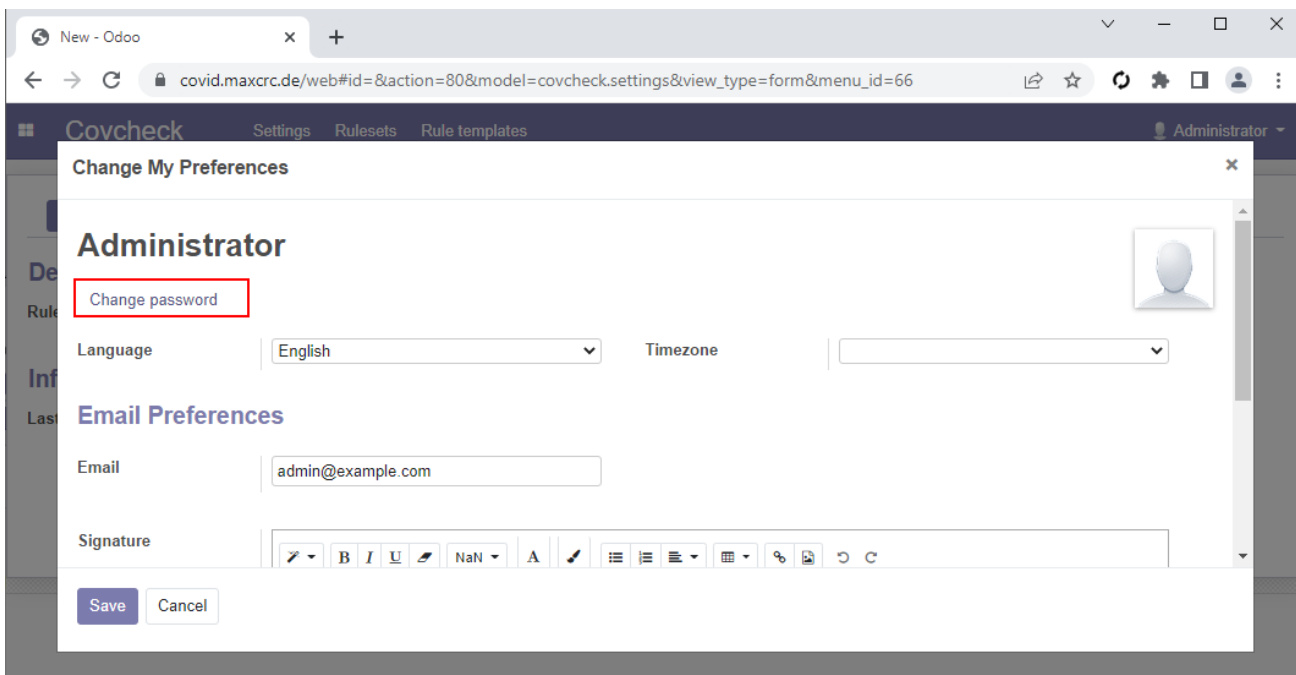
Username	Password
admin	admin



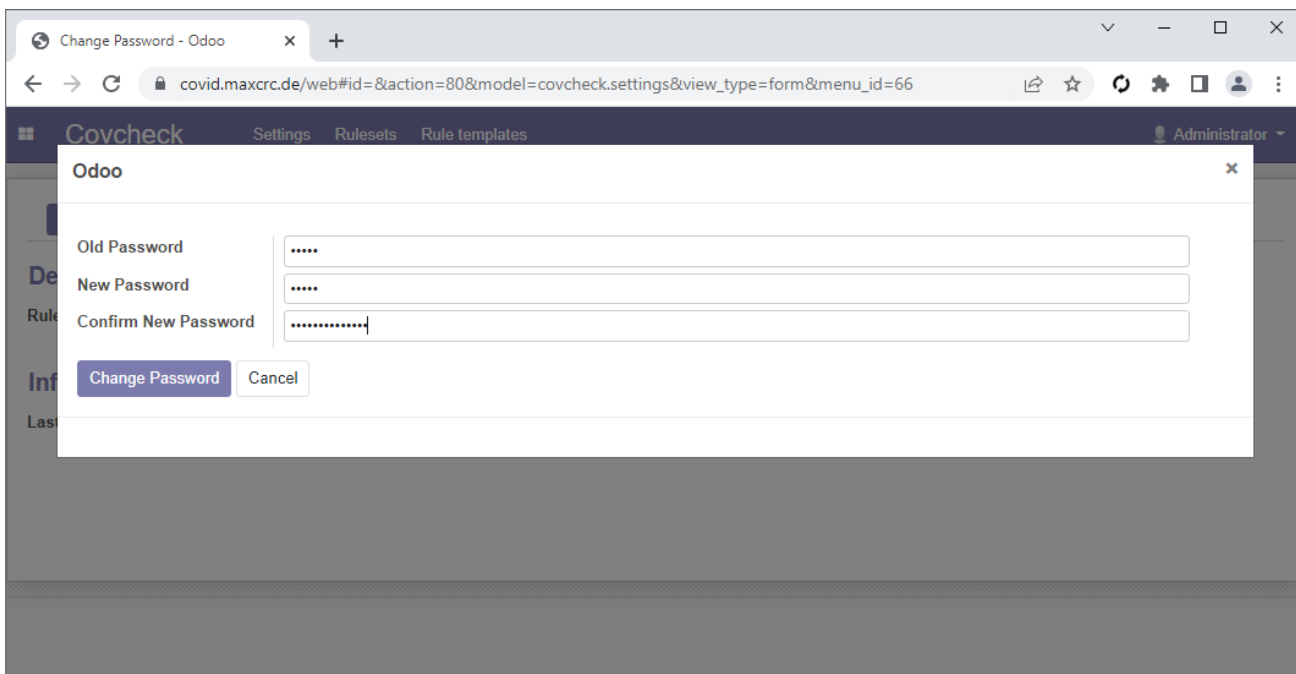
- Click the **Administrator** in the top right corner and then **Preferences**:



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

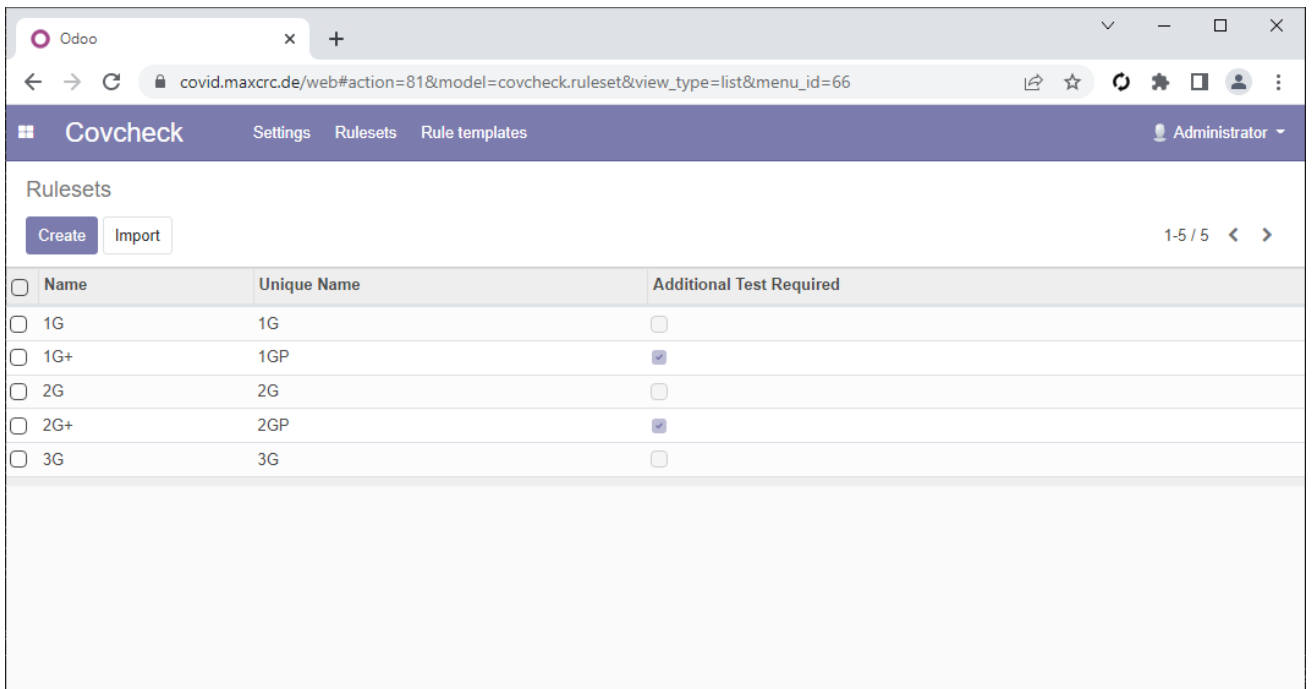


- Fill-in the following fields and then click **Change Password**:
 - Old Password
 - New Password
 - Confirm New Password

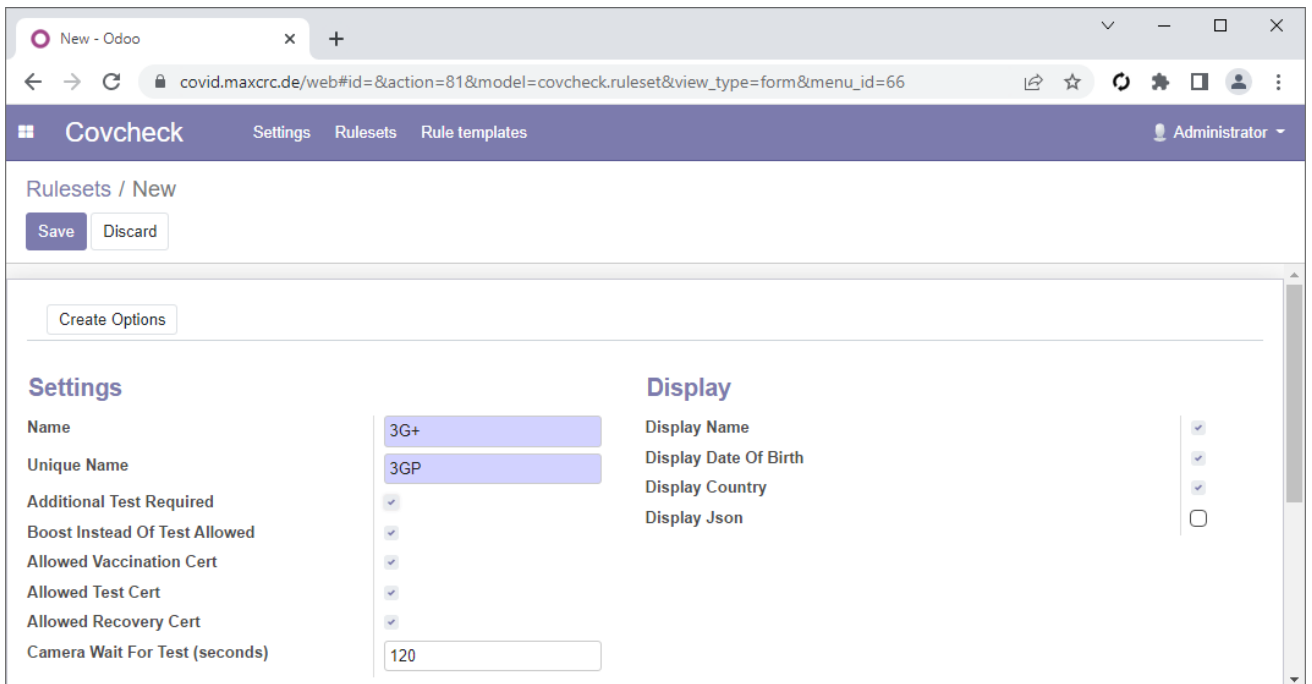


Managing Rulesets

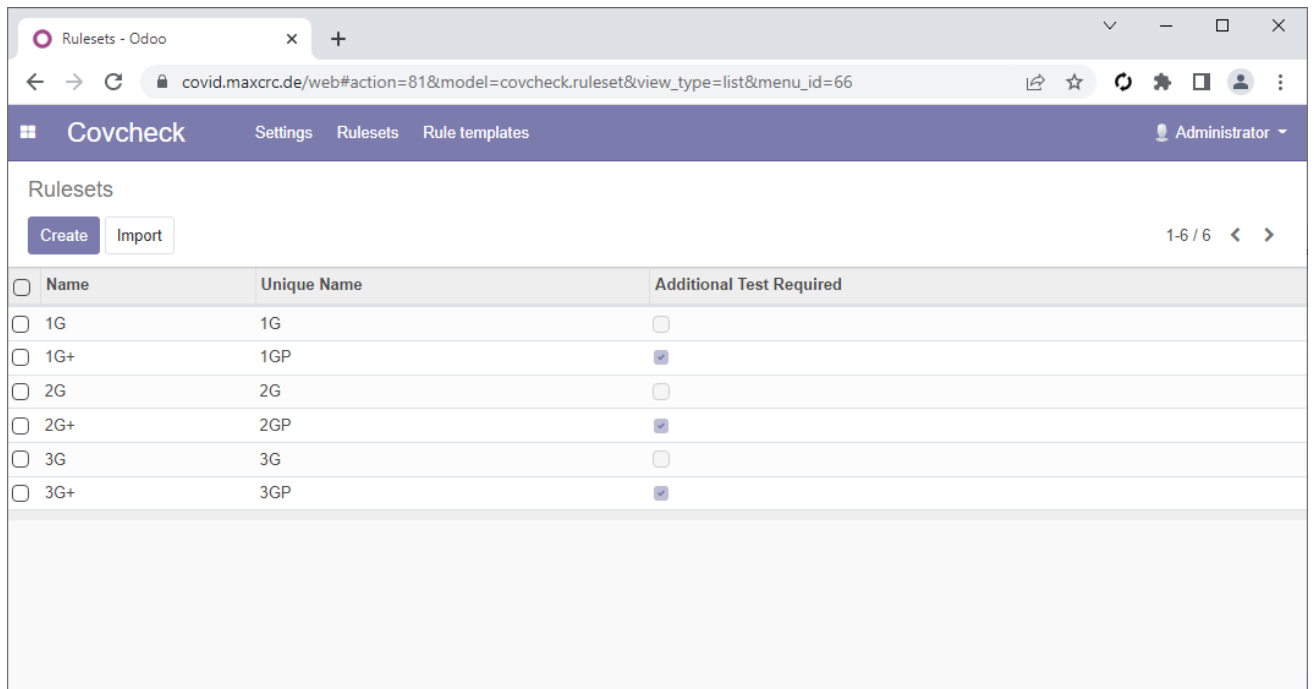
You can add, modify and delete rulesets on the **Rulesets** page:



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 includes now the **3G+** ruleset:



The screenshot shows a web browser window with the URL `covid.maxcrc.de/web#action=81&model=covcheck.ruleset&view_type=list&menu_id=66`. The page title is "Rulesets - Odoo". The navigation bar includes "Covcheck", "Settings", "Rulesets", and "Rule templates". The user is logged in as "Administrator".

The main content area is titled "Rulesets" and contains two buttons: "Create" and "Import". A pagination indicator shows "1-6 / 6" with navigation arrows.

<input type="checkbox"/>	Name	Unique Name	Additional Test Required
<input type="checkbox"/>	1G	1G	<input type="checkbox"/>
<input type="checkbox"/>	1G+	1GP	<input checked="" type="checkbox"/>
<input type="checkbox"/>	2G	2G	<input type="checkbox"/>
<input type="checkbox"/>	2G+	2GP	<input checked="" type="checkbox"/>
<input type="checkbox"/>	3G	3G	<input type="checkbox"/>
<input type="checkbox"/>	3G+	3GP	<input checked="" type="checkbox"/>

Configuration of Galaxy Gate

Dispatcher

Display
