

# 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 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-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**):

## 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

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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**

this file

## Configuration of Covcheck Application Server

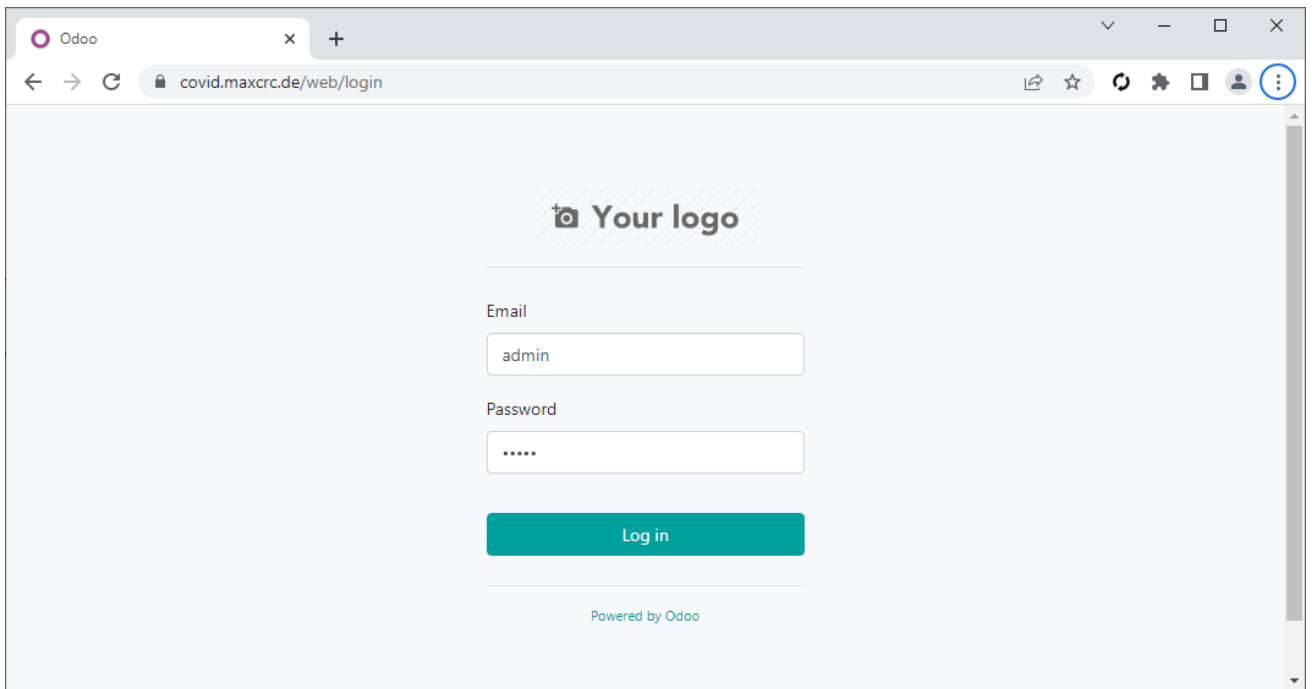
---

### Change Default Password

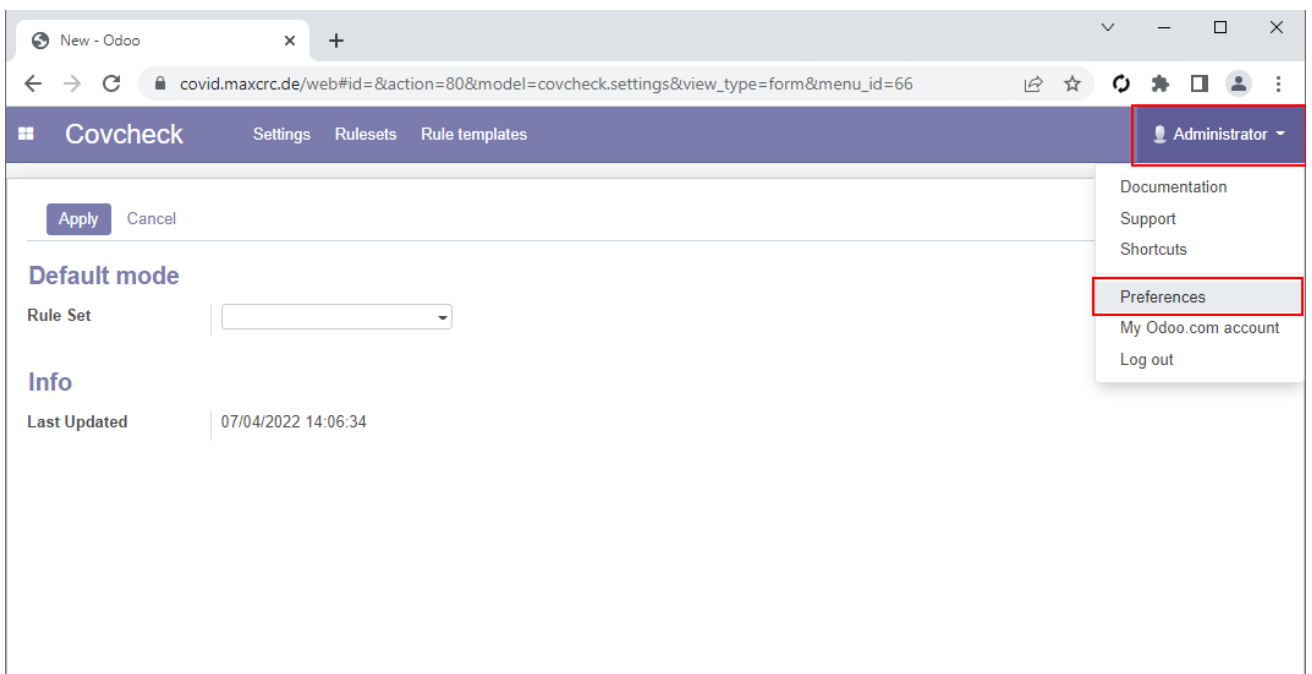
---

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

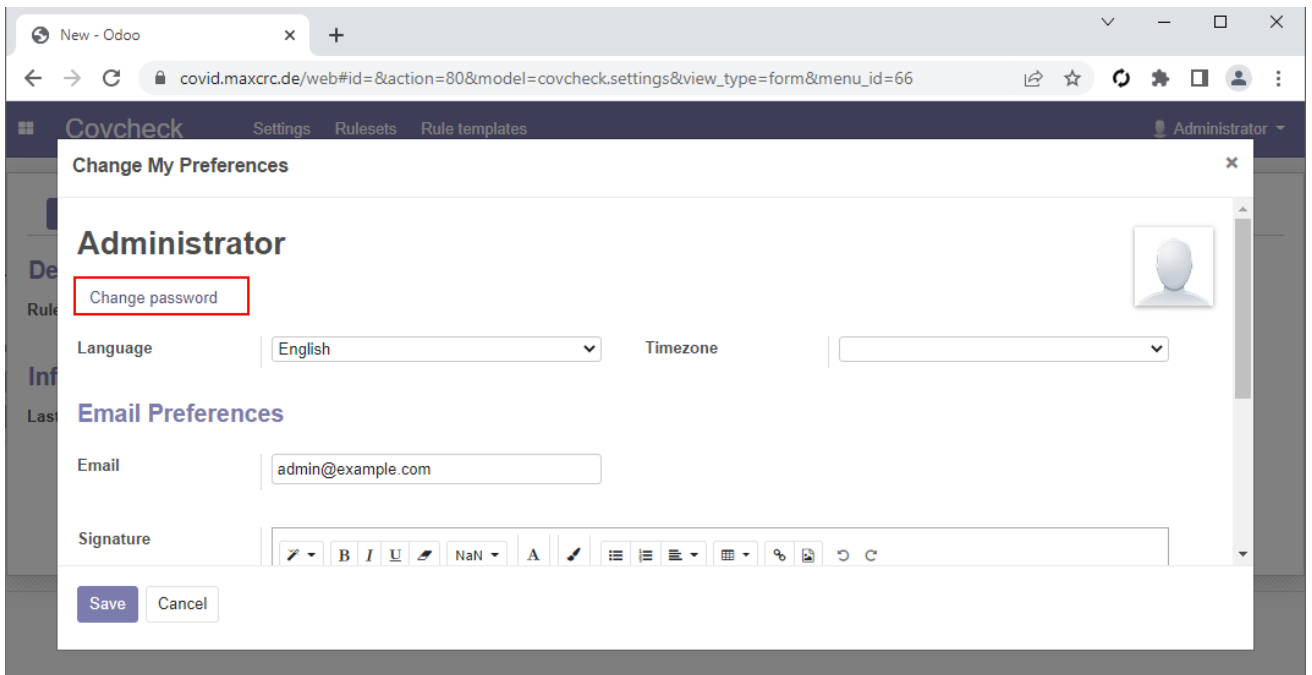
Username	Password
admin	admin



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

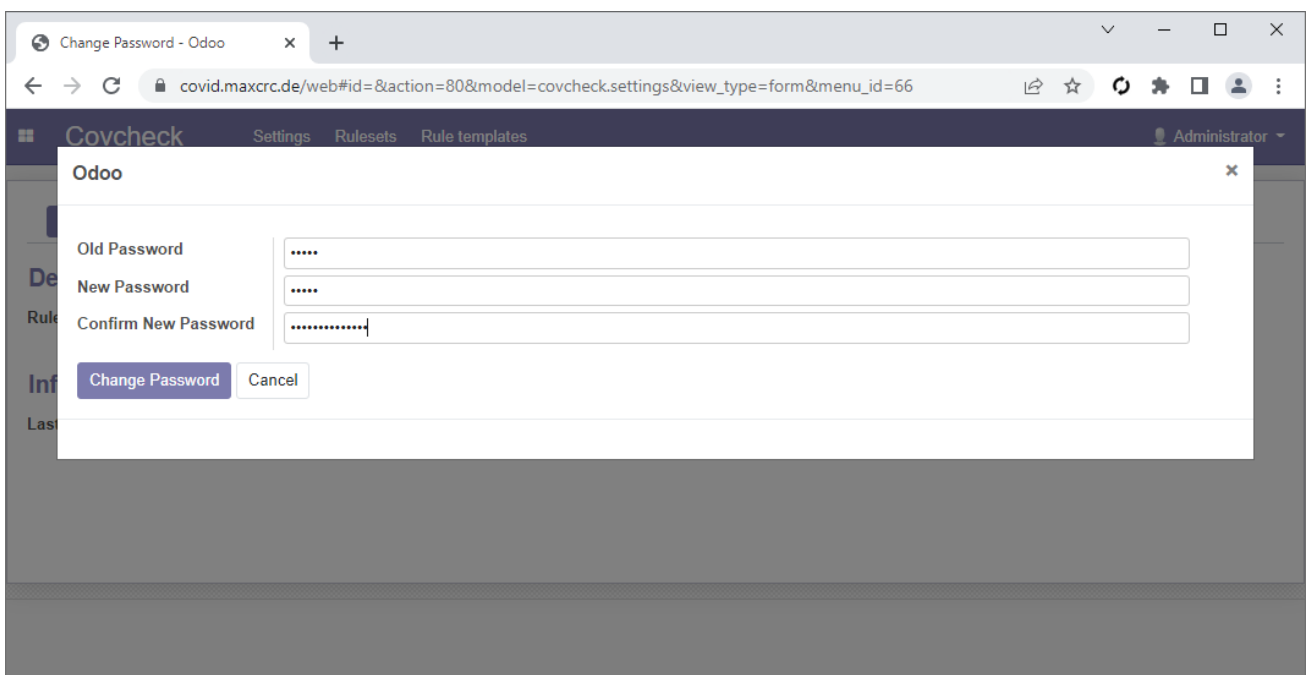


In the opened window click **Change password**:



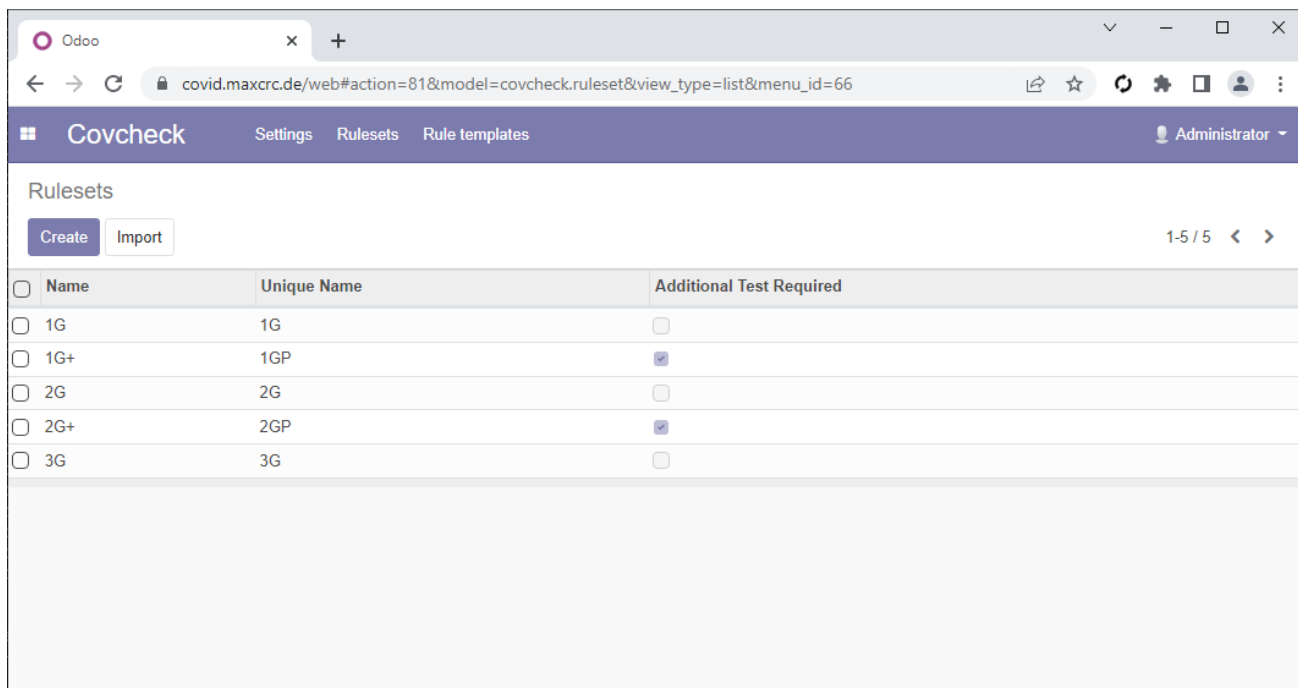
Fill-in the following fields and then click **Change Password**:

- ■ Old Password
- ■ New Password
- ■ Confirm New Password



## Managing Rulesets

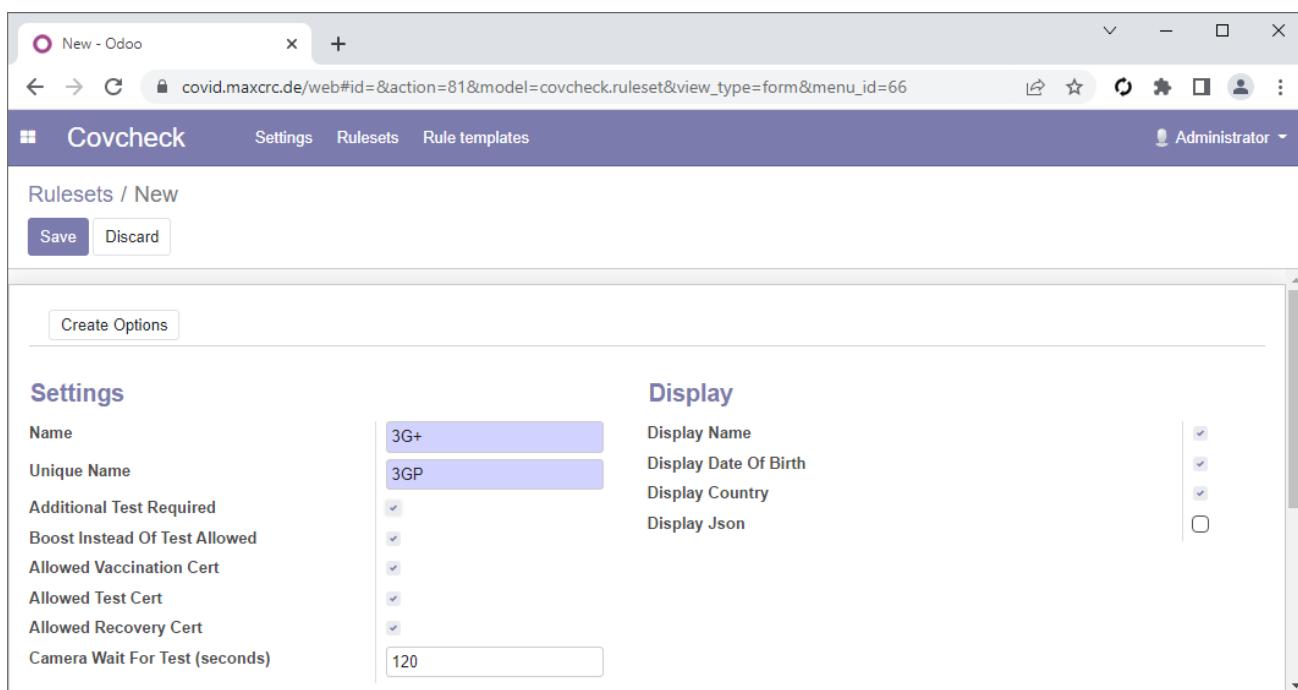
You can add, modify and delete rulesets on the **Rulesets** page:



The screenshot shows the 'Rulesets' page in the Covcheck application. The page has a navigation bar with 'Settings', 'Rulesets', and 'Rule templates'. The 'Rulesets' page includes 'Create' and 'Import' buttons and a table listing existing rulesets. The table has columns for 'Name', 'Unique Name', and 'Additional Test Required'. The following table represents the data shown in the screenshot:

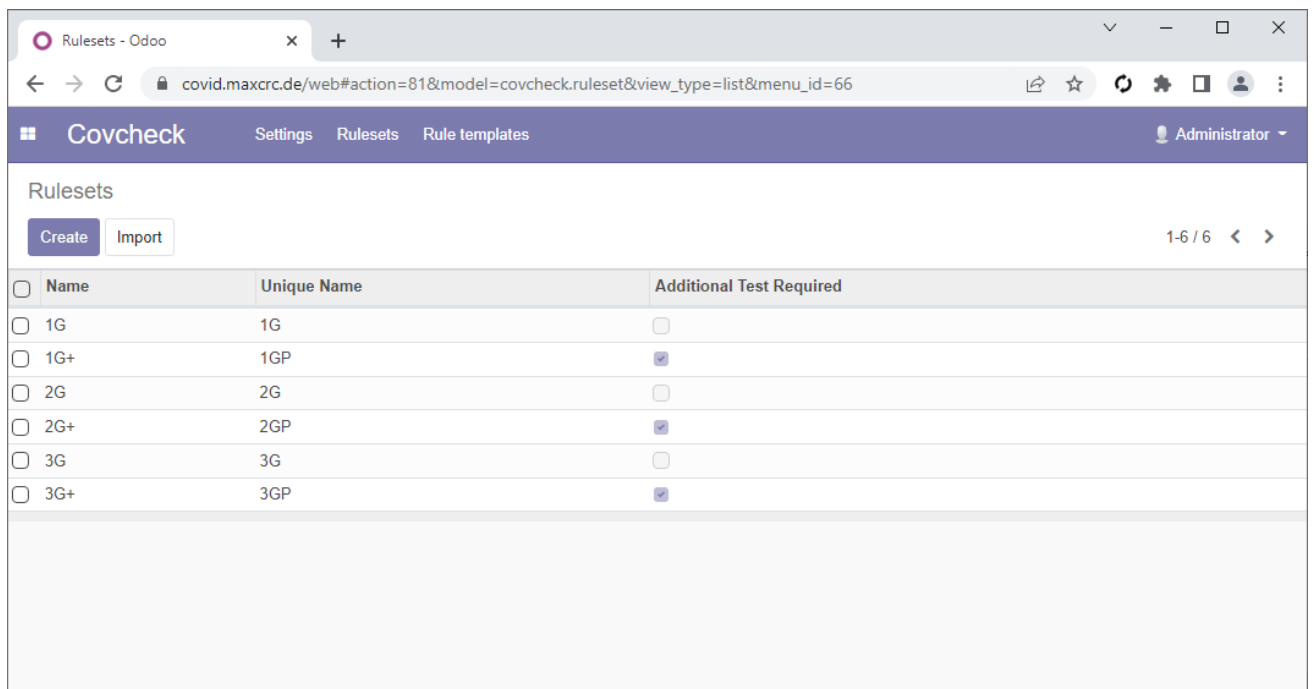
<input type="checkbox"/>	Name	Unique Name	Additional Test Required
<input type="checkbox"/>	1G	1G	<input type="checkbox"/>
<input type="checkbox"/>	1G+	1GP	<input checked="" type="checkbox"/>
<input type="checkbox"/>	2G	2G	<input type="checkbox"/>
<input type="checkbox"/>	2G+	2GP	<input checked="" type="checkbox"/>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

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 screenshot shows the 'Rulesets / New' form in the Covcheck application. The form has 'Save' and 'Discard' buttons. The 'Settings' section includes fields for 'Name' (3G+), 'Unique Name' (3GP), and several checkboxes for 'Additional Test Required', 'Boost Instead Of Test Allowed', 'Allowed Vaccination Cert', 'Allowed Test Cert', and 'Allowed Recovery Cert'. The 'Camera Wait For Test (seconds)' field is set to 120. The 'Display' section includes checkboxes for 'Display Name', 'Display Date Of Birth', 'Display Country', and 'Display Json'.

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



<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

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

### Dispatcher

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### Display

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