

# Security

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Location in admin mode: [Configuration](#) [System](#) [Security](#)

The screenshot shows the Magento 2 admin interface. On the left is a sidebar with navigation items: Orders, Pricing, Promotion, Contents, Catalog, Users, Configuration (highlighted with a red box), Reports, and Plugins. The main content area shows the breadcrumb path: Configuration > System > Security. Below this is a navigation bar with tabs: Website configuration, Orders, Delivery, Languages, Instance configuration, Letters templates, and System (highlighted with a red box). Underneath the tabs are sub-tabs: General (selected), Security, and Update. The 'General' section is titled 'General' and contains several configuration options:

- Enter captcha when sign in into admin panel**: A toggle switch is turned on. There is a 'Disable' link with a dotted line next to it and a 'Documentation' link.
- Key protection**: A dropdown menu is set to 'Disabl' and a green checkmark is visible. There is a 'Documentation' link.
- Use HTTPS**: A dropdown menu is set to 'Disabl' and a green checkmark is visible. There is a 'Documentation' link.
- Google reCAPTCHA**: A toggle switch is turned on. There is a 'Disable' link with a dotted line next to it and a 'Documentation' link.
- The public key**: A text input field containing '(empty)'. There is a 'Documentation' link.
- The secret key**: A text input field containing '(empty)'. There is a 'Documentation' link.

## General

### Enter captcha when signing into admin panel

Captcha is an additional brute force password protection for admin panel.

Click caption with dotted line to use (or disable) this feature:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | Security | Update

## General

Enter captcha when sign in into admin panel [Disable](#)

Key protection

Use HTTPS

[Documentation](#)

Google reCAPTCHA [Disable](#)

The public key *(empty)*

The secret key *(empty)*

Open drop-down list clicking a triangle:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | Security | Update

## General

Enter captcha when sign in into admin panel    [Documentation](#)

Key protection

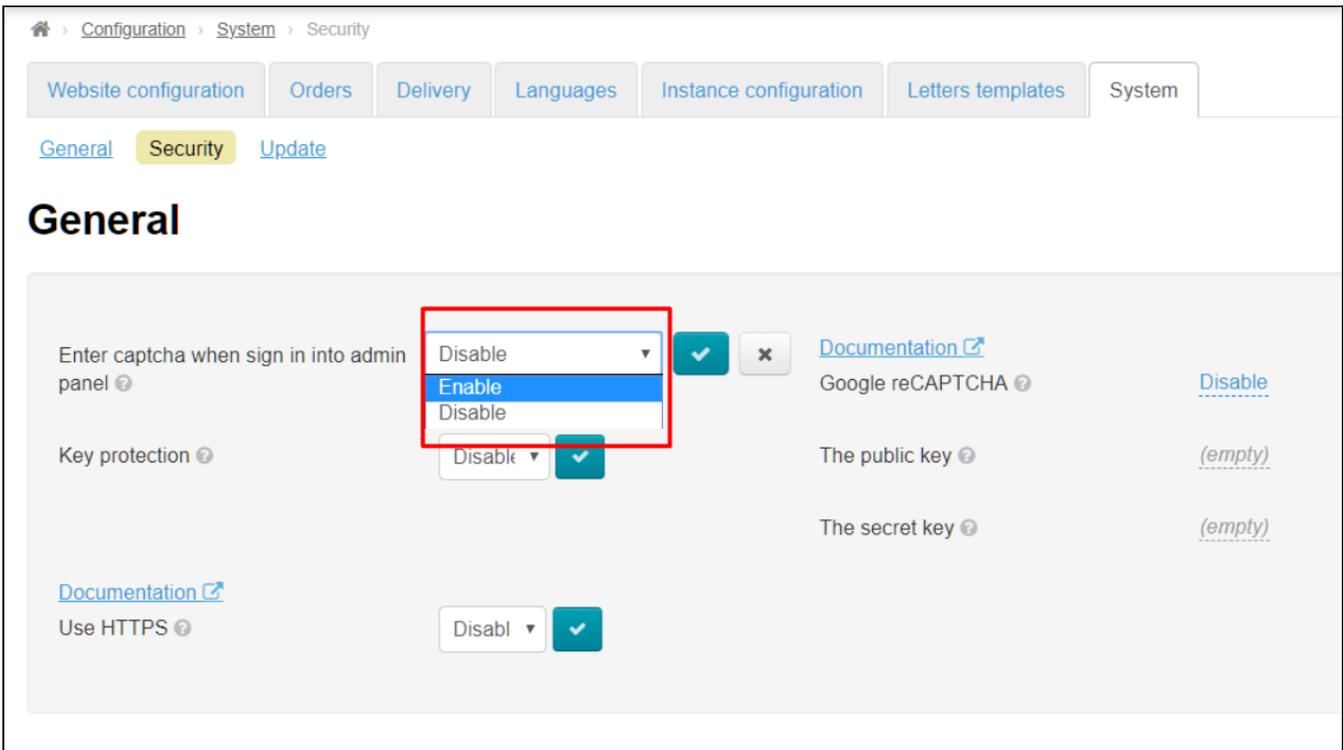
Use HTTPS

Google reCAPTCHA [Disable](#)

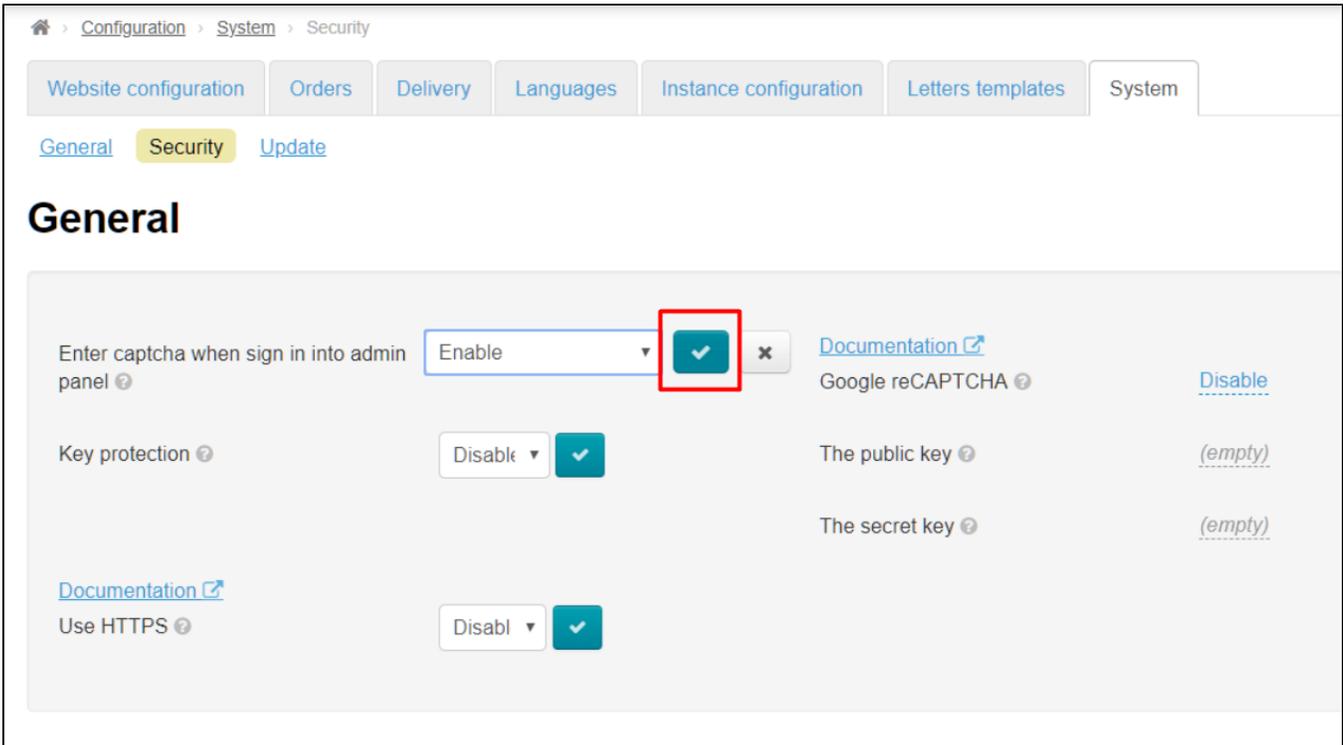
The public key *(empty)*

The secret key *(empty)*

Choose necessary value from drop-down list clicking it:



Save choice clicking checkmarked button:



Changes will take effect immediately after saving.

Captcha is displayed during authorization in admin panel when this option is enabled:

# Authorization

Login

Password



Log in

## Secure protocol HTTPS

Data protection is extremely important in some services, for example, in electronic payment systems or in online stores, therefore they use only HTTPS. This protocol is also very often used in other services that process private information, including any personal data. The presence of encrypted data transmission increases customer loyalty by ensuring that their personal data will remain secret and no one can use it for their own purposes.

### Important!

Using this protocol requires SSL certificate purchase .

## How to start using HTTPS?

1. You need to buy SSL certificate from a specialized certificate retailer first. For example, the largest seller in the world <https://www.symantec.com/ru/ru/ssl-certificates/>
2. You must install certificate on the server where your site is located after you have purchased a certificate. You can provide certificate to your hosting provider and he will do it himself.
3. It's necessary to configure HTTPS protocol in OT Box when certificate is installed on your server.

 Error will be issued stating that connection is not secure if you enable setting without installed SSL certificate. Some browsers block such sites!

Click a triangle to open drop-down list to enable protocol:

Home > Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | **Security** | Update

## General

Enter captcha when sign in into admin panel ⓘ	<a href="#">Disable</a>	<a href="#">Documentation</a> ⓘ	Google reCAPTCHA ⓘ	<a href="#">Disable</a>
Key protection ⓘ	Disabl ▾ <input checked="" type="checkbox"/>	The public key ⓘ	<i>(empty)</i>	
<a href="#">Documentation</a> ⓘ	Disabl ▾ <input checked="" type="checkbox"/>	The secret key ⓘ	<i>(empty)</i>	
Use HTTPS ⓘ				

Choose and click "Enable" (or "Disable" if this service is no longer required) in the list:

Home > Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | **Security** | Update

## General

Enter captcha when sign in into admin panel ⓘ	<a href="#">Disable</a>	<a href="#">Documentation</a> ⓘ	Google reCAPTCHA ⓘ	<a href="#">Disable</a>
Key protection ⓘ	Disabl ▾ <input checked="" type="checkbox"/>	The public key ⓘ	<i>(empty)</i>	
<a href="#">Documentation</a> ⓘ	Disabl ▾ <input checked="" type="checkbox"/>	The secret key ⓘ	<i>(empty)</i>	
Use HTTPS ⓘ	Disabl ▾ <input checked="" type="checkbox"/>			

Save choice clicking checkmarked button:

Home > Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

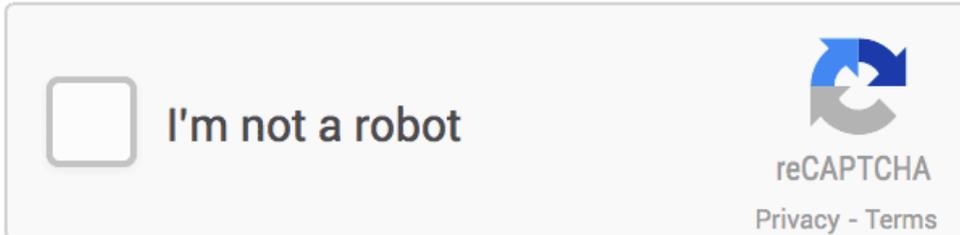
General | **Security** | Update

## General

Enter captcha when sign in into admin panel ⓘ	<a href="#">Disable</a>	<a href="#">Documentation</a> ⓘ	Google reCAPTCHA ⓘ	<a href="#">Disable</a>
Key protection ⓘ	Disabl ▾ <input checked="" type="checkbox"/>	The public key ⓘ	<i>(empty)</i>	
<a href="#">Documentation</a> ⓘ	Use HTTPS ⓘ	Enable ▾ <input checked="" type="checkbox"/>	The secret key ⓘ	<i>(empty)</i>

## Google reCAPTCHA

We recommend to enable Google reCAPTCHA if you want to protect your site from spam and bots. In this case your site will be monitored for suspicious activity, and captcha will be shown on website when doubt arises in the "humanity" of site visitor:



We need API key to install such captcha, therefore we go to <https://www.google.com/recaptcha/admin>. You should be registered in Google to get access to this page. You will be prompted to register your site and enter a list of domains where this particular reCAPTCHA will be used. Subdomains are automatically counted.

Note! We support only reCAPTCHA v2 (version 2) or more earlier versions. We don't support new versions.

## Register a new site

### Label

For example, domain.com: Comments page

### Domains

(one per line)

For example:  
domain.com  
domain.net  
domain.org

Get alerts about this site [?](#)

Register

You will get website key and partner secret key after that:

### Site key

Use this in the HTML code your site serves to users.

```
6LcePAATAAAAAGPRWgx90814DTjgt5sXnNbV5WaW
```

### Secret key

Use this for communication between your site and Google. Be sure to keep it a secret.

```
6LcePAATAAAAABjXaTsy7gwcbnbaF5XgJKwjSNwT
```

These 2 keys will be necessary when setting up captcha in OT admin panel.

Open "Security" section:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | Security | Update

### General

Enter captcha when sign in into admin panel [Disable](#) [Documentation](#)

Key protection    [Disable](#)

The public key

The secret key

[Documentation](#)

Use HTTPS

### Key protection

[Add IP](#) [Assign current server ip](#)

Click caption with dotted line "Disable" next to Google reCAPTCHA:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | Security | Update

### General

Enter captcha when sign in into admin panel [Disable](#) [Documentation](#)

Key protection    [Disable](#)

The public key

The secret key

[Documentation](#)

Use HTTPS

Choose "Enable" from drop-down list:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | Security | Update

## General

Enter captcha when sign in into admin panel [Disable](#)

Key protection

Use HTTPS

[Documentation](#)

Google reCAPTCHA [Documentation](#)

The public key

The secret key

Disable

Enable

Disable

Disable

Save choice clicking checkmarked button:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | Security | Update

## General

Enter captcha when sign in into admin panel [Disable](#)

Key protection

Use HTTPS

[Documentation](#)

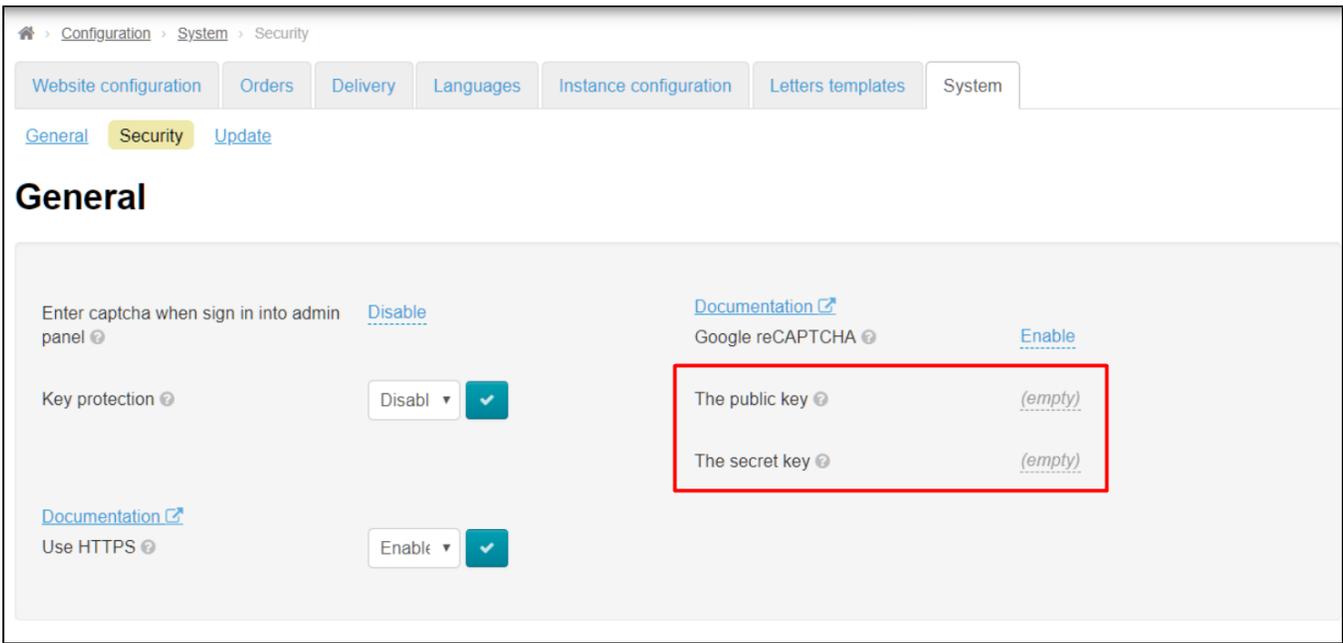
Google reCAPTCHA [Documentation](#)

The public key

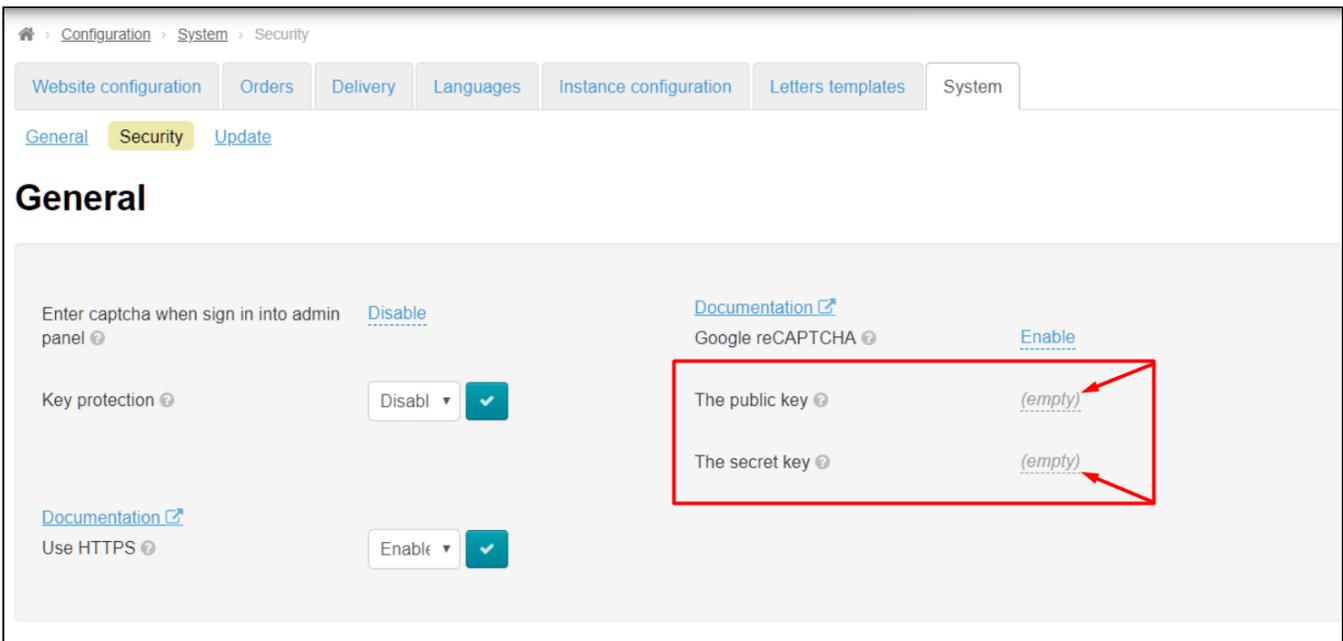
The secret key

Enable

Enter keys from Google into "Public key" and "Secret key" fields.



Click grey caption with dotted line :



Copy key in Google and paste it into corresponding field. Paste site key in "The public key" field, paste secret key in "The secret key" field .

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | **Security** | Update

## General

Enter captcha when sign in into admin panel [Disable](#)

[Documentation](#)

Google reCAPTCHA [Enable](#)

Key protection [Disabl](#)

The public key

The secret key [\(empty\)](#)

[Documentation](#)

Use HTTPS [Enable](#)

Save data in each field separately clicking checkmark button:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | **Security** | Update

## General

Enter captcha when sign in into admin panel [Disable](#)

[Documentation](#)

Google reCAPTCHA [Enable](#)

Key protection [Disabl](#)

The public key

The secret key [\(empty\)](#)

[Documentation](#)

Use HTTPS [Enable](#)

Ready. Google reCAPTCHA will track users' activity on your site now.

## Key protection

You must specify IP address of the server where your Box is located in order to protect your Personal Key (Instance Key) from illegal use, when it comes to third parties. Key will not work on another server besides yours when the setting is enabled.

Contact your system administrator or technical support of your hosting to find out your server IP address. Most often, dedicated IP address is most often paid separately (provided as a hosting service, but usually price rarely exceeds a couple of dollars a month, but there are also tariffs where server IP address is used as the main service and is included in the monthly fee).

Click a triangle to open drop-down list to enable key protection:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | Security | Update

## General

Enter captcha when sign in into admin panel [Disable](#)

Key protection

Use HTTPS

[Documentation](#)

Google reCAPTCHA [Disable](#)

The public key *(empty)*

The secret key *(empty)*

Choose and click "Enable" (or "Disable" if this service is no longer required) in the list:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | Security | Update

## General

Enter captcha when sign in into admin panel [Disable](#)

Key protection

Use HTTPS

[Documentation](#)

Google reCAPTCHA [Disable](#)

The public key *(empty)*

The secret key *(empty)*

Save choice clicking checkmarked button:

Configuration > System > Security

Website configuration | Orders | Delivery | Languages | Instance configuration | Letters templates | System

General | **Security** | Update

## General

Enter captcha when sign in into admin panel ⓘ	<a href="#">Disable</a>	<a href="#">Documentation</a>	Google reCAPTCHA ⓘ	<a href="#">Disable</a>
Key protection ⓘ	Enable ▾ 	The public key ⓘ		<i>(empty)</i>
<a href="#">Documentation</a>	Use HTTPS ⓘ	Enable ▾ 	The secret key ⓘ	<i>(empty)</i>

Find "Key protection" on the page:

## General

Enter captcha when sign in into admin panel ⓘ	<a href="#">Disable</a>	<a href="#">Documentation</a>	Google reCAPTCHA ⓘ	<a href="#">Disable</a>
Key protection ⓘ	Enable ▾ 	The public key ⓘ		<i>(empty)</i>
<a href="#">Documentation</a>	Use HTTPS ⓘ	Enable ▾ 	The secret key ⓘ	<i>(empty)</i>

### Key protection

[+ Add IP](#) [+ Assign current server ip](#)

Click "Add IP" to limit number of addresses that have access to the key:

## General

Enter captcha when sign in into admin panel [Disable](#)

[Documentation](#)

Google reCAPTCHA [Disable](#)

Key protection [Enable](#)

The public key [\(empty\)](#)

The secret key [\(empty\)](#)

[Documentation](#)

Use HTTPS [Enable](#)

## Key protection

[+ Add IP](#) [+ Assign current server ip](#)

Denomination

Action

Enter IP address of your server in opened field (where website is located):

## General

Enter captcha when sign in into admin panel [Disable](#)

[Documentation](#)

Google reCAPTCHA [Disable](#)

Key protection [Enable](#)

The public key [\(empty\)](#)

The secret key [\(empty\)](#)

[Documentation](#)

Use HTTPS [Enable](#)

## Key protection

[+ Add IP](#) [+ Assign current server ip](#)

185.4.73.167

[Add](#)

[Cancel](#)

Denomination

Action

Click "Add" button:

## General

Enter captcha when sign in into admin panel [Disable](#) [Documentation](#)

Key protection   [Documentation](#)

Use HTTPS   [Documentation](#)

Google reCAPTCHA [Disable](#)

The public key

The secret key

## Key protection

[+ Add IP](#) [+ Assign current server ip](#)

Denomination	Action
--------------	--------

IP address will appear in the list below:

## General

Enter captcha when sign in into admin panel [Disable](#) [Documentation](#)

Key protection   [Documentation](#)

Use HTTPS   [Documentation](#)

Google reCAPTCHA [Disable](#)

The public key

The secret key

## Key protection

[+ Add IP](#) [+ Assign current server ip](#)

Denomination	Action
185.4.73.167	<input type="button" value="✕"/>
123.123.123.123	<input type="button" value="✕"/>

Click cross in "Actions" column to delete IP Address:

## General

Enter captcha when sign in into admin panel [Disable](#)

[Documentation](#)

Google reCAPTCHA [Disable](#)

Key protection [Enable](#)

The public key *(empty)*

The secret key *(empty)*

[Documentation](#)

Use HTTPS [Enable](#)

## Key protection

[+ Add IP](#) [+ Assign current server ip](#)

Denomination	Action
185.4.73.167	<input checked="" type="checkbox"/>
123.123.123.123	<a href="#">Delete IP</a>

[Documentation](#)

Use HTTPS [Enable](#)

## Key protection

[+ Add IP](#) [+ Assign current server ip](#)

Denomination	Action
185.4.73.167	<input checked="" type="checkbox"/>
127.0.0.1	<input type="checkbox"/>
46.231.175.236	<input type="checkbox"/>

## Change password

Old password

New password  [Generate password](#)

[Save](#)

### Confirmation required

Are you sure you want to delete 185.4.73.167 ?

[Yes](#)

[Cancel](#)

If at the moment, your server with the site has its dedicated IP address already, you can bind it with one click. Click "+ Assign current server ip":

## General

Enter captcha when sign in into admin panel [Disable](#)

[Documentation](#)

Google reCAPTCHA [Disable](#)

Key protection

The public key *(empty)*

The secret key *(empty)*

[Documentation](#)

Use HTTPS

## Key protection

[+ Add IP](#)

[+ Assign current server ip](#)

Denomination	Action
185.4.73.167	<input type="button" value="✕"/>
123.123.123.123	<input type="button" value="✕"/>

Page will be updated after clicking and IP address will appear in the list.

## Change password

Enter your old password first to change password of your (current) account.

## Change password

Old password

New password

Enter new password after that:

## Change password

Old password

New password

Generate password

Save

You can use password generation function to make password more complicated than in the example (where unreliable version of password is shown). Click "Generate" button:

## Change password

Old password

New password

Generate password

Save

New password is ready.

## Change password

Old password

New password

Generate password

Save

Click "Save" to save it:

## Change password

Old password

New password

Generate password

Save

Confirmation is required to change password:

### Confirmation required

Are you sure you want to change a password?

Yes

Cancel

Password will be changed if everything went well. Error will be shown if the old password is incorrect:

Support (5 / 13) Help Settings SuperAdmin en

## Key protection

[+ Add IP](#) [+ Assign current server ip](#)

Denomination	Action
185.4.73.167	<input type="button" value="✕"/>
127.0.0.1	<input type="button" value="✕"/>
46.231.175.236	<input type="button" value="✕"/>

## Change password

Old password

New password

**Error**  
Wrong password.

Change password and try again.