

# **ISPAPI SSL Module**

**SSL Certificates Registration using WHMCS & HEXONET** 

Version 7.1.0 (or later version) November 23, 2018



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#### **ISPAPI SSL Module**

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November 23, 2018



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## Introduction

The ISPAPI SSL Module is a combination of an addon and a provisioning module.

The SSL addon provides a user friendly interface for your customers to load and import SSL certificates under a product group. In addition, it gives the possibility to compare cost and sale prices. Customer can simply update sale prices and import them.

The addon creates a product group at installation. It also configures the module settings and pricing at provisioning module when the SSL certificates are imported.

The SSL provisioning module connects to the configured ISPAPI registrar module to establish a possibility to register and maintain SSL certificates at HEXONET.



# **Supported Features**

The ISPAPI SSL Module supports the following functions and features:

- Unified handling of different suppliers
- Support for testing environment
- Certificate products directly connected to the ISPAPI Registrar Module
- New SSL addon
  - Load available SSL certificates and import them under a product group
  - Bulk price update by using a profit margin
  - Support for different currencies



## **Getting started**

## Requirements

In order to run the ISPAPI SSL addon and provisioning modules, your WHMCS installation must meet the following requirements:

- **WHMCS version 7.0** or higher must be installed. (We recommend always using the latest version of WHMCS)
- **ISPAPI Registrar Module version 1.0.53** or higher must be installed. This module can be downloaded here: https://wiki.hexonet.net/index.php/WHMCS Modules
- **HEXONET Live or Test Account** must be configured in the ISPAPI Registrar Module. Account creation is free on our website: <a href="https://www.hexonet.net">www.hexonet.net</a>

## Installation

Copy files from the zip to your WHMCS installation root directory (**\$YOUR\_WHMCS\_ROOT**), while keeping the folder structure intact.

#### E.g.

```
addons/ispapissl_addon
=> $YOUR_WHMCS_ROOT/modules/addons/ispapissl_addon
servers/ispapissl
=> $YOUR_WHMCS_ROOT/modules/servers/ispapissl
```

For an update, unzip the downloaded file and upload the content of addons and servers folders to your WHMCS root directory. Then go to Setup > Addon Modules > ISPAPI SSL Addon > Configure and click on the "Save Changes" button.

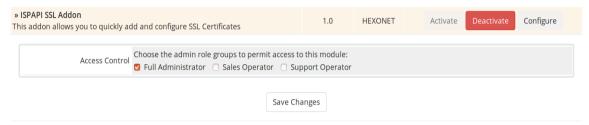
**NOTE:** The WHMCS root directory is the folder which contains the "configuration.php" file.



# Configuration

## **Addon activation**

Within the WHMCS Admin area, go to Setup > Addon Modules



Activate the ISPAPI SSL Addon, give the module "Full Administrator" Access Control right.

## **Addon configuration**

Within the WHMCS Admin area, navigate to Addons > ISPAPI SSL Addon



# **Import certificates**

You are now ready to import SSL certificates.

Wizard mode explains how to import SSL certificates in an automated way. Manual mode explains how to import SSL certificates manually.

## **Wizard Mode**

## a) Step 1: Load SSL certificates

ISPAPI SSL Addon
Please load SSL certificates
Select Product Group ~
Load



# b) Step 2: Update prices and import certificates

ISPAPI SSL Addon



### **Bulk Price update**

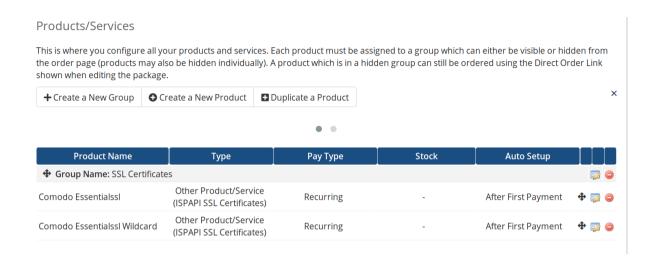


•	SSL Certificate	Price		Currency	
		Cost	Sale	Cost	Sale
	Comodo Essentialssl	16.90	18.59	USD	USD ~
	Comodo Essentialssl Wildcard	105.00	115.5	USD	USD ~
	Comodo Instantssl	39.00	42.9	USD	CNY ~
0	Comodo Instantssl Premium	79.00	86.9	USD	USD ~
	Comodo Positivessl	11.90	13.09	USD	CNY ~
	Comodo Premiumssl Wildcard	195.00	214.5	USD	USD ~
	Comodo Ssl	79.90	87.89	USD	USD ~
0	Comodo Ssl Ev	119.00	130.9	USD	USD ~
	Comodo Ssl Wildcard	239.00	262.9	USD	USD ~



## c) Manage imported certificates

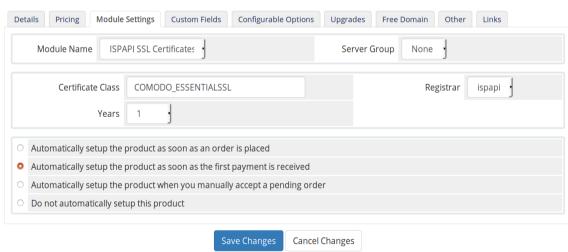
Managing imported certificates can be done at Setup > Products/Services > Products/Services



### Update certificate settings if required:

Products/Services

#### **Edit Product**





## **Manual Mode**

Setup an SSL certificate product.

Within the WHMCS Admin area, navigate to Setup > Products/Services > Products/Services

## a) Create a new group

In this example, we will name the new group as "SSL Certificates".

## b) Create a new product

Products/Services

Create a New Product





#### On the "Details" tab:

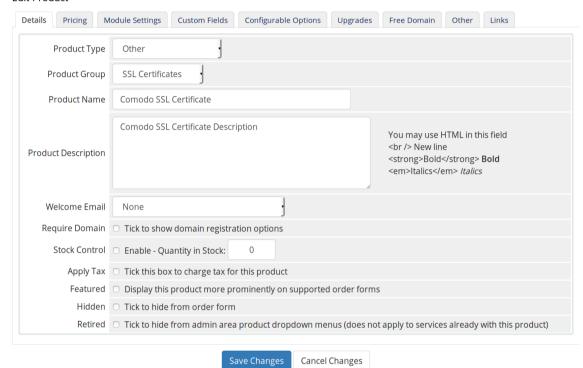
Set a Product Description (optional).

Ensure the Welcome Email field is set to "None" as the module sends its own email.

Ensure the Required Domain field is unchecked.

Products/Services

#### Edit Product





## On the "Pricing" tab:

### Set the Payment Type field to Recurring and set a price

Products/Services

#### Edit Product Details Custom Fields Configurable Options Upgrades Free Domain Module Settings Payment Type ○ Free ○ One Time ○ Recurring Biennially Triennially Currency One Time/Monthly Quarterly Semi-Annually Annually CNY Setup Fee 0.00 Price 70.00 Enable $\checkmark$ USD Setup Fee 0.00 Price 95.00 $\checkmark$ Enable Tick this box to allow customers to specify if they want more than 1 of this item when ordering (must not Allow Multiple Quantities To limit this product to only recur a fixed number of times, enter the total number of times to Recurring Cycles Limit invoice (0 = Unlimited) Auto Terminate/Fixed 0 Enter the number of days after activation to automatically terminate (eg. free trials, time limited Term products, etc...) · Choose the email template to send when the fixed term comes to an end **Termination Email** None Prorata Billing Tick this box to enable Prorata Date 0 Enter the day of the month you want to charge on Charge Next Month Enter the day of the month after which the following month will also be included on the first invoice

Save Changes

Cancel Changes



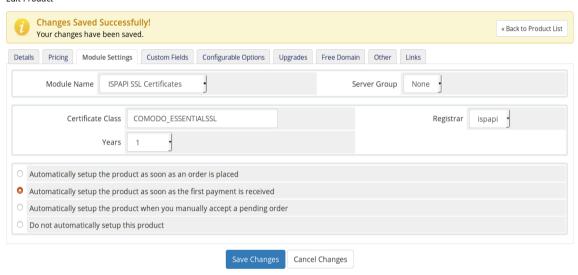
### On the "Module Settings" tab:

Choose "ISPAPI SSL Certificate" for the module Name field. Other fields "Years" and "Registrar" are automatically filled and the connection between our API and product is established. If you configured a test account in ISPAPI registrar module, the product will be registered and managed in the test environment. If you configured a production account, the product will be registered and managed in the production environment.

Enter Certificate Class. Set "Automatically setup the product as soon as the first payment is received" to ensure the certificate is paid for before registration. Save changes.

Products/Services

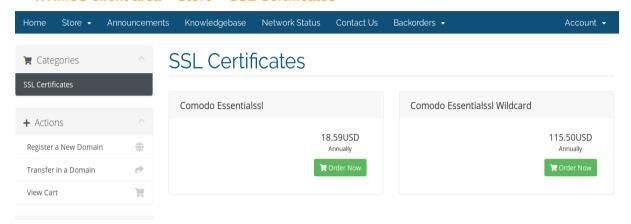
#### **Edit Product**





# **Frontend overview**

WHMCS client area > Store > SSL Certificates





# How to buy a certificate?

Go to the created certificate group on your WHMCS frontend and "Order Now" the just created certificate.

Follow the steps in the buying process.

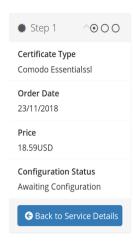
Once the invoice is paid, you will receive an SSL certificate Configuration email, which contains a link to configure the new certificate.

Click this link or to go to the bought SSL certificate product page and click the "Configure SSL Certificate" button.

On this configuration page, you will be asked to provide a Web Server Type, a CSR and Administrative Contact Information.







# Configure SSL Certificate

Portal Home / Client Area / My Products & Services / Product Details / Configure SSL Certificate

## Server Information

You must have a valid "CSR" (Certificate Signing Request) to configure your SSL Certificate. The CSR is an encrypted piece of text that is generated by the web server where the SSL Certificate will be installed. If you do not already have a CSR, you must generate one or ask your web hosting provider to generate one for you.

#### Web Server Type

Apache +ModSSL

#### CSR

-----BEGIN CERTIFICATE REQUEST-----

MIICvDCCAaQCAQAwdzELMAkGA1UEBhMCVVMxDTALBgNVBAgMBFV0YWgxDzANBgNVBAcMBkxpbmRvbjEWMBQGA1UECgwNRGInaUNlcnQgSW5jLjERMA8GA1UECwwlRGInaUNlcnQxHTAbBgNVBAMMFGV4YW1wbGUuZGInaWNlcnQuY29tMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA8+To7d+2kPWeBv/orU3LVbJwDrSQbeKamCmowp5bqDxIwV20zqRb7APUOKYoVEFFOEQs6T6glmnlolhbiH6m4zgZ/CPvWBOkZc+c1Po2EmvBz+AD5sBdT5kzGQA6NbWyZGldxRthNLOs1efOhdnWFuhl162qmcflgpiI

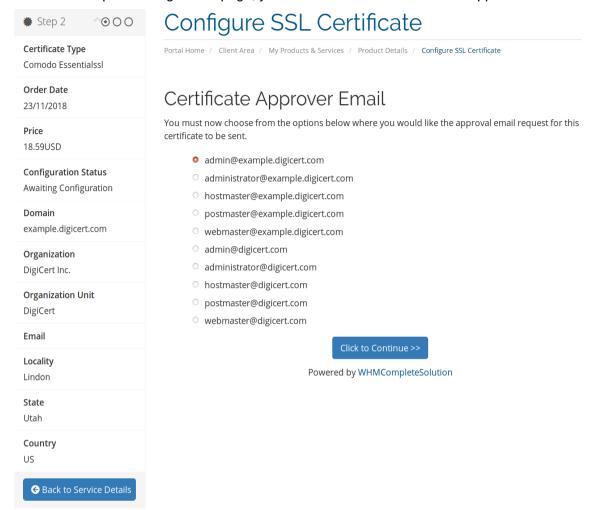
### Administrative Contact Information

The contact information below will not be displayed on the Certificate - it is used only for contacting you regarding this order. The SSL Certificate and future renewal reminders will be sent to the email address specified below.

John				
	John	John	John	John



On the subsequent configuration page, you will be asked for a Certificate Approver Email.





## The configiuration is now completed





# **Support**

If you cannot find what you need here, please visit our online wiki or contact our support, and we will be happy to assist you.

- Wiki: wiki.hexonet.net
- Technical Support: <a href="mailto:support@hexonet.net">support@hexonet.net</a> or <a href="mailto:https://hexonet.support">https://hexonet.support</a>