

Xolphin WHMCS SSL Module v3 – Manual

Installation

The WHMCS SSL Module is compliant with WHMCS version 6 and above. After extracting the ZIP file, all files and directories should be placed on their locations.

After extracting the ZIP file, the directory structure replicates that of your WHMCS installation.

1. Place the **modules/servers/sslcertificates** directory in the **modules/servers/** directory of the WHMCS installation.
2. Place the **modules/addons/sslcertificates** directory in the **modules/addons/** directory of the WHMCS installation.
3. Place the **xolphin** directory in the **root directory** of the WHMCS installation.
4. Place the template file **modules/addons/sslcertificates/extra/configureproduct.tpl** in the **templates/orderforms/boxes/** directory of the WHMCS installation.
5. Place the template folder **modules/addons/sslcertificates/extra/configproduct-blocks** in the **templates/orderforms/boxes/** directory of the WHMCS installation.

Configuration

After the installation is completed, follow the steps below to start using the WHMCS module.

1. Log in to WHMCS as administrator.
2. In the menu, go to 'Setup' and select 'Addon Modules'.
3. Search for the addon 'SSL certificates', select Activate on the right side, and then Configure.
4. Fill in your API Username and API Password to connect with Xolphin.

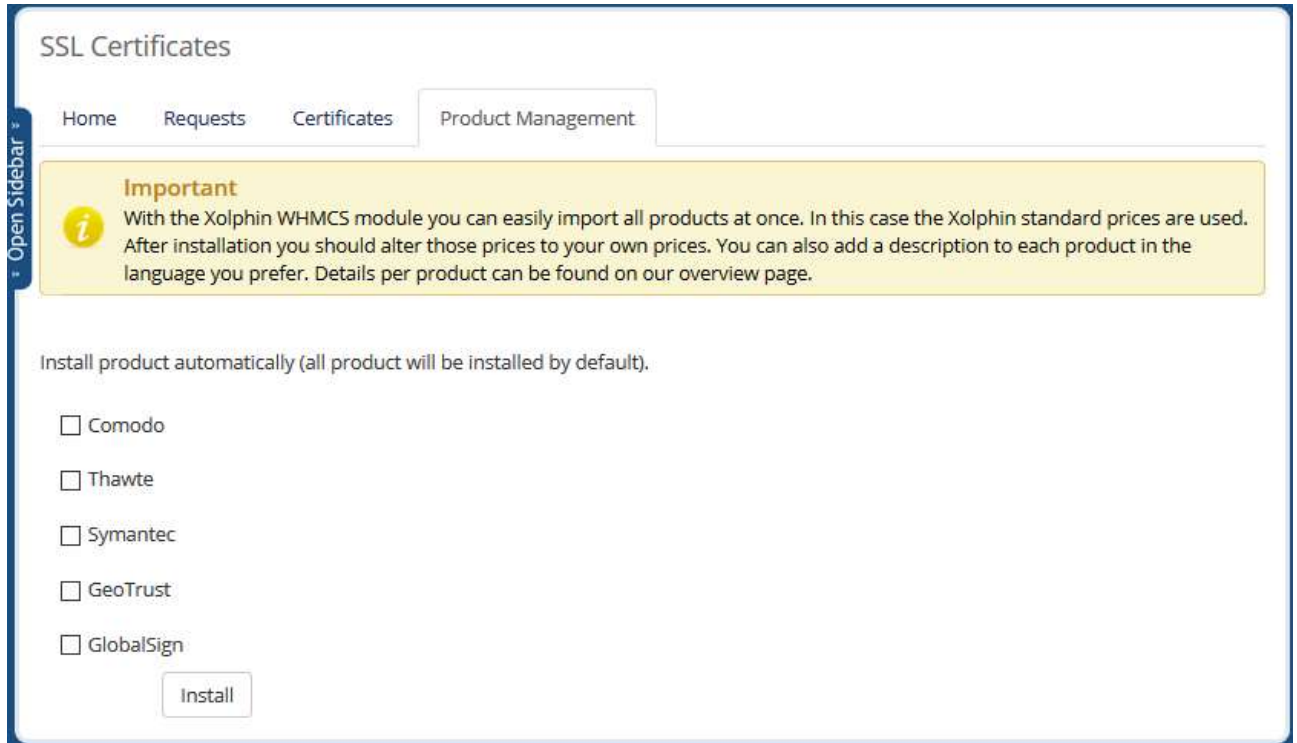
API Account	Please fill in your API credentials.	
API Username	<input type="text" value="whmcs@xolphin.nl"/>	API Username
API Password	<input type="password" value="....."/>	Password
cPanel Port	<input type="text" value="2083"/>	Defaults: 2083
General settings	General settings for management of your WHMCS module.	
Use Debug Mode	<input checked="" type="checkbox"/> Debug mode provides extensive information when an error occurs. This information will be logged at <i>Utilities -> Logs -> Module Logs</i> . Only enable this if you want to investigate errors.	
Cron script URL:	<input type="text" value="http://whmcs.xolphin.nl/whmcs/xolphin/lib/runCron.php"/>	
Access Control	Choose the admin role groups to permit access to this module: <input checked="" type="checkbox"/> Full Administrator <input checked="" type="checkbox"/> Sales Operator <input checked="" type="checkbox"/> Support Operator	

5. Tick the checkbox 'Use Debug Mode' if you want to save the logfiles from the module.

6. Choose the admin role groups to determine access to the module.
7. Take notice of the CronJob link which should be run to update the status and to install certificates.
8. Click on save to save the settings.

Install products

1. Go to Addons > SSL certificates.
2. Determine if you want to install some or all products and click on Install. The list of products will be shown.



The screenshot shows the 'SSL Certificates' section of the Xolphin WHMCS interface. It features a sidebar with 'Open Sidebar' and a top navigation bar with tabs for 'Home', 'Requests', 'Certificates', and 'Product Management'. A yellow 'Important' notice box states: 'With the Xolphin WHMCS module you can easily import all products at once. In this case the Xolphin standard prices are used. After installation you should alter those prices to your own prices. You can also add a description to each product in the language you prefer. Details per product can be found on our overview page.' Below this, a section titled 'Install product automatically (all product will be installed by default)' contains five checkboxes for 'Comodo', 'Thawte', 'Symantec', 'GeoTrust', and 'GlobalSign'. An 'Install' button is located at the bottom right of this section.

SSL Certificates

Home Requests Certificates Product Management

Important

With the Xolphin WHMCS module you can easily import all products at once. In this case the Xolphin standard prices are used. After installation you should alter those prices to your own prices. You can also add a description to each product in the language you prefer. Details per product can be found on our overview page.

Install product automatically (all product will be installed by default).

☐ Comodo

☐ Thawte

☐ Symantec

☐ GeoTrust

☐ GlobalSign

Install

- After the import succeeded, you can now Enable or Disable products by using the checkbox and buttons. The products starting with 'Extra' cannot be disabled.

SSL Certificates GlobalSign					<input type="checkbox"/> Check all
#	Name	Type	Validation	Status	
1	Domein	SINGLE	DV	installed	<input type="checkbox"/>
2	Domein	WILDCARD	DV	installed	<input type="checkbox"/>
3	Domein	MULTI	DV	installed	<input type="checkbox"/>
4	Domein	Extra MULTI	DV	installed	<input type="checkbox"/>
5	Organisatie	SINGLE	OV	disabled	<input checked="" type="checkbox"/>
6	Organisatie	MULTI	OV	disabled	<input checked="" type="checkbox"/>
7	Organisatie	Extra MULTI	OV	installed	<input type="checkbox"/>
8	Organisatie	WILDCARD	OV	disabled	<input checked="" type="checkbox"/>
9	EV	MULTI	EV	disabled	<input checked="" type="checkbox"/>
10	EV	Extra MULTI	EV	installed	<input type="checkbox"/>
11	EV	SINGLE	EV	disabled	<input checked="" type="checkbox"/>
12	AlphaSSL	SINGLE	DV	removed	<input checked="" type="checkbox"/>
13	AlphaSSL Wildcard	WILDCARD	DV	disabled	<input checked="" type="checkbox"/>

- Go to Setup → Products & Services → Products & Services and check the list with the installed certificates.
- Here you can optionally select the option to use a specific theme per product group. The included template works best with the boxes theme.

Home | Client Area | My Notes | My Account | Logout Friday, 12 February 2016, 10:50

3 Pending Orders | 0 Overdue Invoices | 0 Ticket(s) Awaiting Reply

WHMOS

[Clients](#)
[Orders](#)
[Billing](#)
[Support](#)
[Reports](#)
[Utilities](#)
[Addons](#)
[Setup](#)
[Help](#)

Configuration

- General Settings
- Automation Settings
- Application Links
- OpenID Connect
- Email Templates
- Addon Modules
- Client Groups
- Fraud Protection

Staff Management

- Administrator Users
- Administrator Roles
- Two-Factor Authentication

Payments

- Currencies
- Payment Gateways
- Tax Rules
- Promotions

Products/Services

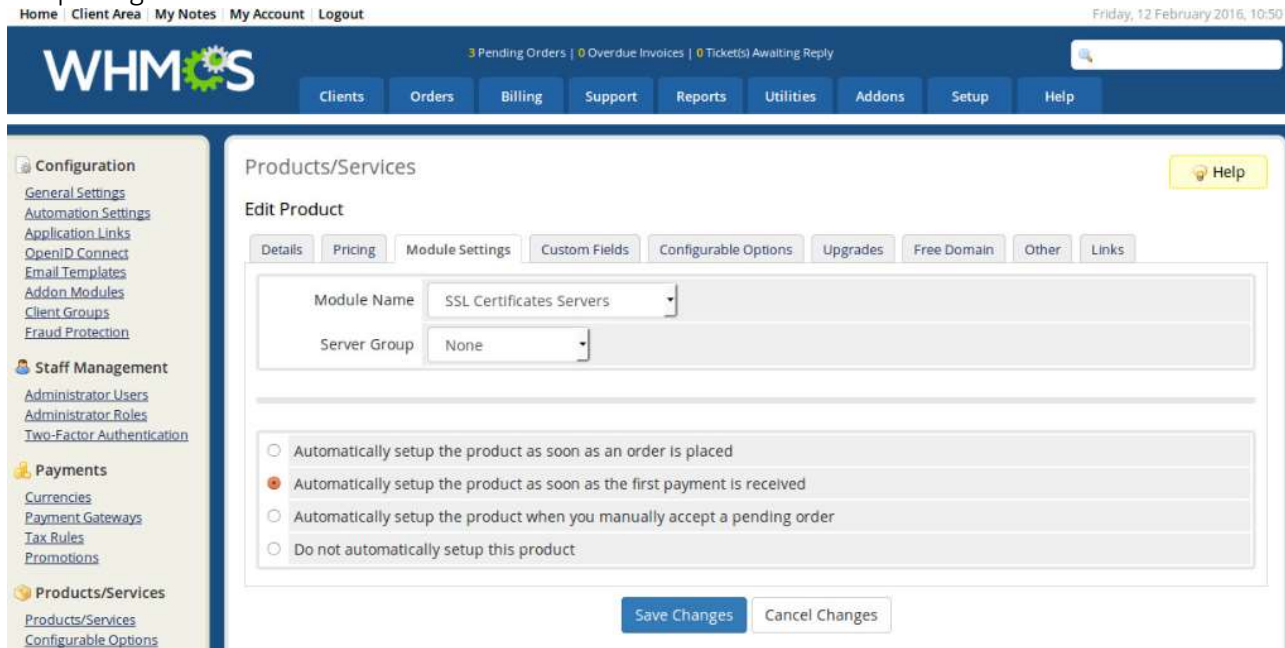
Edit Product

[Details](#)
[Pricing](#)
[Module Settings](#)
[Custom Fields](#)
[Configurable Options](#)
[Upgrades](#)
[Free Domain](#)
[Other](#)
[Links](#)

Payment Type: ☐ Free ☐ One Time ☒ Recurring

Currency	One Time/Monthly	Quarterly	Semi-Annually	Annually	Biennially	Triennially
USD	Setup Fee			0.00	0.00	
	Price			165.00	290.00	
	Enable	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

6. The certificates are labelled with Xolphin's standard prices by default. You can alter them in the pricing table.



The screenshot shows the WHMCS (v5.10.0) interface. The top navigation bar includes links for Home, Client Area, My Notes, My Account, and Logout. The main menu on the left lists various configuration and management options. The central panel displays the 'Products/Services' section, specifically the 'Edit Product' form for 'SSL Certificates Servers'. The form includes tabs for Details, Pricing, Module Settings, Custom Fields, Configurable Options, Upgrades, Free Domain, Other, and Links. The 'Module Settings' tab is active, showing a dropdown for 'Module Name' set to 'SSL Certificates Servers' and a 'Server Group' dropdown set to 'None'. Below these, there are four radio button options for automatic setup: 'Automatically setup the product as soon as an order is placed', 'Automatically setup the product as soon as the first payment is received' (selected), 'Automatically setup the product when you manually accept a pending order', and 'Do not automatically setup this product'. At the bottom of the form are 'Save Changes' and 'Cancel Changes' buttons.

7. All products are connected to the SSL Certificates Server Module. This can be checked on the Module Settings tab, an order time can be set here too. The option 'Automatically setup the product as soon as the first payment is received' is selected by default. This means that after the invoice is (completely) paid, the order with the user data (CSR, type of certificate, type of validation, etc.), will be sent to Xolphin.

Note

If you deactivate the module, all the products will remain in place.

Order certificates

Please pay attention to the following when ordering certificates:

- To order a certificate and install it automatically, you have to install and configure Server in WHMCS through Setup → Products & Services → Servers. For this you need a hosting package that can be connected to that server. Without this, the module won't be able to connect to the server and validate the request or install the certificate.
- The module works with DirectAdmin, cPanel and Plesk servers.
- Certificates can be ordered in the Client Area, using one of these scenarios:
 - You created your CSR on another system, and use this for ordering via WHMCS.
 - You will let WHMCS create the CSR and Private key while ordering.

Follow the steps below to place an order:

1. Open Client area.
2. Go to Services → Order new Services

3. Select the certificate provider (brand) below Categories.



The screenshot shows the WHMCS interface for purchasing SSL certificates from Comodo. On the left, there is a 'Categories' sidebar with 'SSL Certificates Comodo' selected. Below it, an 'Actions' sidebar lists options like 'Register a New Domain', 'Transfer In a Domain', and 'View Cart'. The main content area is titled 'SSL Certificates Comodo' and displays a list of certificate products. The 'SINGLE EssentialSSL' product is selected, indicated by a radio button.

Categories	SSL Certificates Comodo
SSL Certificates Thawte	
SSL Certificates Symantec	
SSL Certificates GeoTrust	
SSL Certificates GlobalSign	
Direct Admin Hosting	
Plesk Hosting	
cPanel Hosting	
Product Addons	

Actions
Register a New Domain
Transfer In a Domain
View Cart

SSL Certificates Comodo

- ☐ MULTI EV
- ☐ MULTI PositiveSSL
- ☐ MULTI Unified Communications
- ☐ SINGLE EliteSSL
- ☒ SINGLE EssentialSSL
- ☐ SINGLE EV
- ☐ SINGLE GoldSSL
- ☐ SINGLE InstantSSL
- ☐ SINGLE InstantSSL Pro
- ☐ SINGLE InstantSSL Test

4. Select a certificate and click continue.
5. Enter the full DomainName (FQDN) where you want to order the certificate for.

Note

While selecting a Multidomain product, extra fields will appear in the Order form below Configurable Options: Extra Option to add the number of regular domains and Extra Wildcard Options to add extra wildcard domains. This function calculates the correct certificate prices.

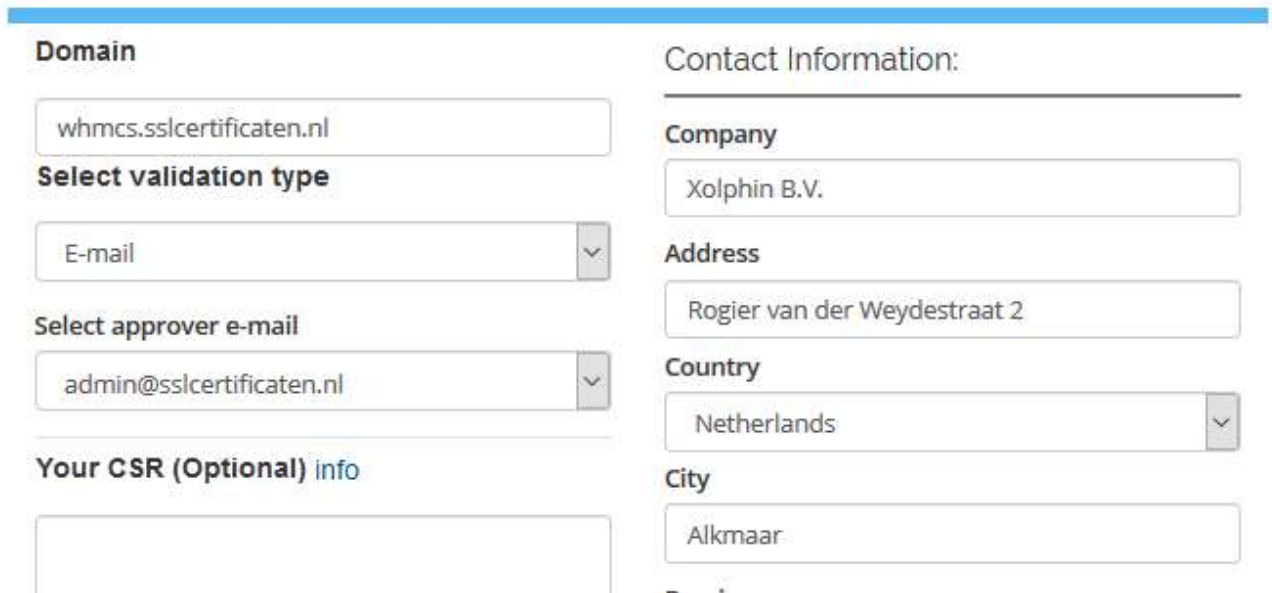
Product/Service

Product/Service	SSL Certificates Comodo - PositiveSSL MDC
Description	
Billing Cycle	\$16.00 USD Annually <input type="button" value="v"/>

Configurable Options

Extra Domains	<input type="text" value="0"/> x Extra Price \$8.00 USD
Extra WILDCARD Domains	<input type="text" value="0"/> x Extra WILDCARD Price \$70.00 USD

6. Fill in the domain name.



The screenshot shows a web form for ordering an SSL certificate. It is divided into two main sections: 'Domain' and 'Contact Information:'. The 'Domain' section includes a text input for the domain name (whmcs.sslcertificaten.nl), a dropdown for 'Select validation type' (E-mail), and another dropdown for 'Select approver e-mail' (admin@sslcertificaten.nl). Below these is a section for 'Your CSR (Optional)' with a link to 'info' and a large text area. The 'Contact Information:' section includes a 'Company' field (Xolphin B.V.), an 'Address' field (Rogier van der Weydestraat 2), a 'Country' dropdown (Netherlands), and a 'City' field (Alkmaar).

7. Select a validation type.
8. Select an e-mailaddress.
9. Fill in the contact information and press Continue to complete the order.
10. Read the information message and click somewhere on the screen.

processing orders

A few exceptions apply to automatic installation, they are shown in the order forms' pop-ups:

- Multidomain certificates cannot be installed automatically.
- 'Validation type' by 'Upload file' does not work on Plesk panel through API (This might also be resolved in a later release).

After the order is completed in the Client area, it is shown in the Admin part in the list of pending orders. There will also be a corresponding Invoice. When using the default settings, the order to Xolphin will be posted after the payment is done and the Invoice status is set to paid. In WHMCS, the product can be found in Services → My services. Before the admin accepts the product manually, the status is Pending.

1. Set the status of the Invoice to paid
2. Open the Order for the Service.

- The order is activated and all the Validation and Management data are available for Client.

Manage Orders

Date: 05/11/2018 15:08
Order #: 4666346980 (ID: 255)
Client: Xolphin B.V.
Rogier van der Weydestraat 2
Alkmaar, Noord-Holland, 1817MJ
Netherlands
Promotion Code:

Payment Method: Bank Transfer
Amount: \$95.00 USD
Invoice #: 251
Status: Pending
IP Address: 256.66.931.9 - [Lookup](#) | [Filter](#) | [Ban](#)
Affiliate: None - Manual Assign

Order Items

Item	Description	Billing Cycle	Amount	Status	Payment Status
Product/Service	SSL Certificates Comodo - EV whmcs.sslcertificaten.nl	Annually	\$95.00 USD	Pending	Incomplete
Username: whmcssl Password: lVj31c9a4c Server: None <input checked="" type="checkbox"/> Run Module Create <input type="checkbox"/> Send Welcome Email					
Total Due:			\$95.00 USD		

Note: It may occur that automatic installation is already enabled for registered users. This means orders from new clients should be checked manually, and that orders won't be sent to Xolphin until the payment is completed. This option can be enabled/disabled through Setup → General Settings → Ordering: Only Auto Provision for Existing. If this option is enabled, the Admin should follow the steps below to place the order successfully:

- The following steps are only applicable when automatic installation is not possible
- Set invoice to Paid.
- Go to Orders and open the clients' order.
- Click 'Accept Order' to process the order and have the certificate request processed by Xolphin.

Products: WILDCARD PositiveSSL - cpanel-ssl.nl Upgrade/Downgrade Move Product/Service

Order # 158 - View Order
Product/Service: WILDCARD PositiveSSL
Server: None
Domain: cpanel-ssl.nl [www whois intoDNS](#)
Dedicated IP:
Username:
Password:
Status: Active
Module Commands:

Registration Date: 03/03/2016
First Payment Amount:
Recurring Amount: ☐ Auto Recalculate on Save
Next Due Date: 03/03/2017
Termination Date: //
Billing Cycle: Annually
Payment Method: Bank Transfer [View Invoices](#)
Promotion Code: None (Change will not affect price)

- With Module Commands the following actions can be performed:

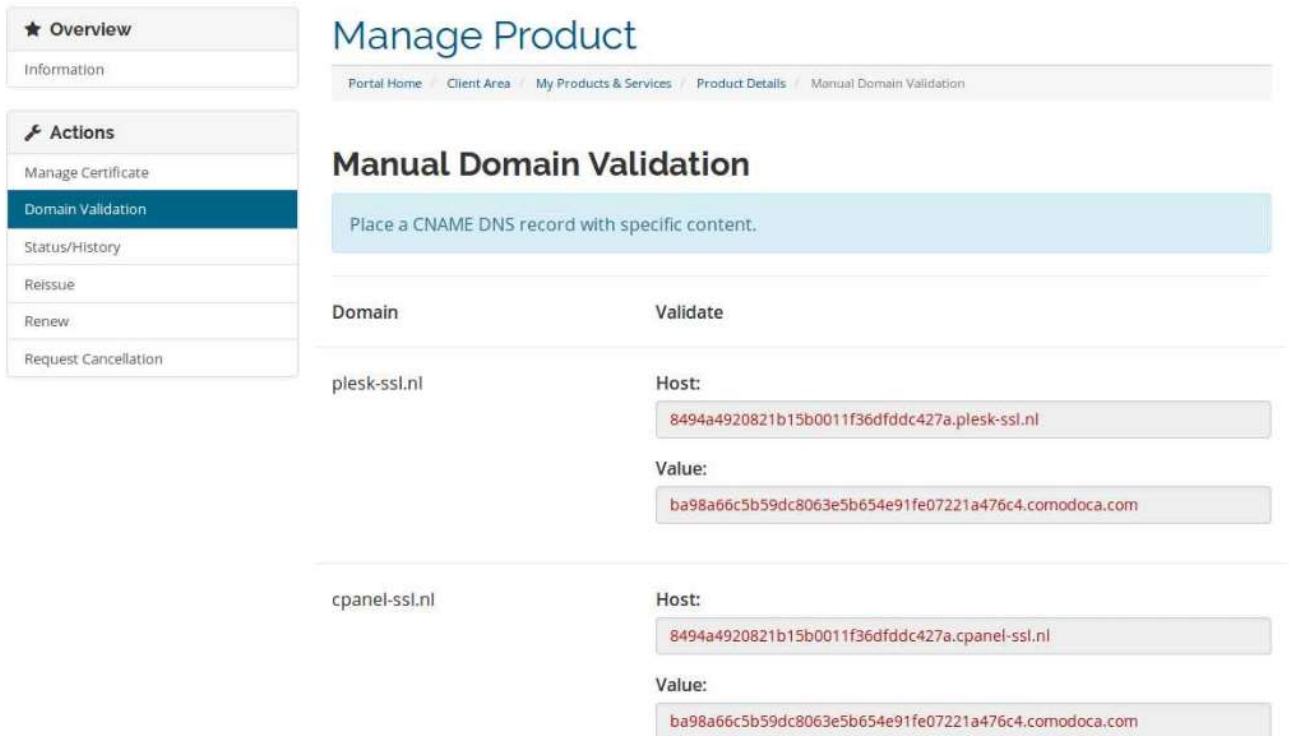
- Terminate - Cancel the product.
- Install Certificates - When errors occurred during the automatic installation and the installation of the certificate failed, this function can be used.
- Renew - Same function as in the Client Area, available from 60 days to the expiry date.
- Auto renew - Same function as in the Client Area. Auto renew can be set at enable or disable. When enabled, 30 days before expiry an invoice will be created for the next period.

In WHMCS the order can be found at Services → My services, but remains in Pending Status, until Admin accepts the order.

Manage certificates

After the payment is processed and the Admin accepts the order, the product becomes Active and the details, like validation data and actions are shown for the user.

1. As long as the product is not validated, the Domain Validation Page shows the information from the Xolphin order. If domain validation is not applicable, the status changes to in progress.



Manage Product

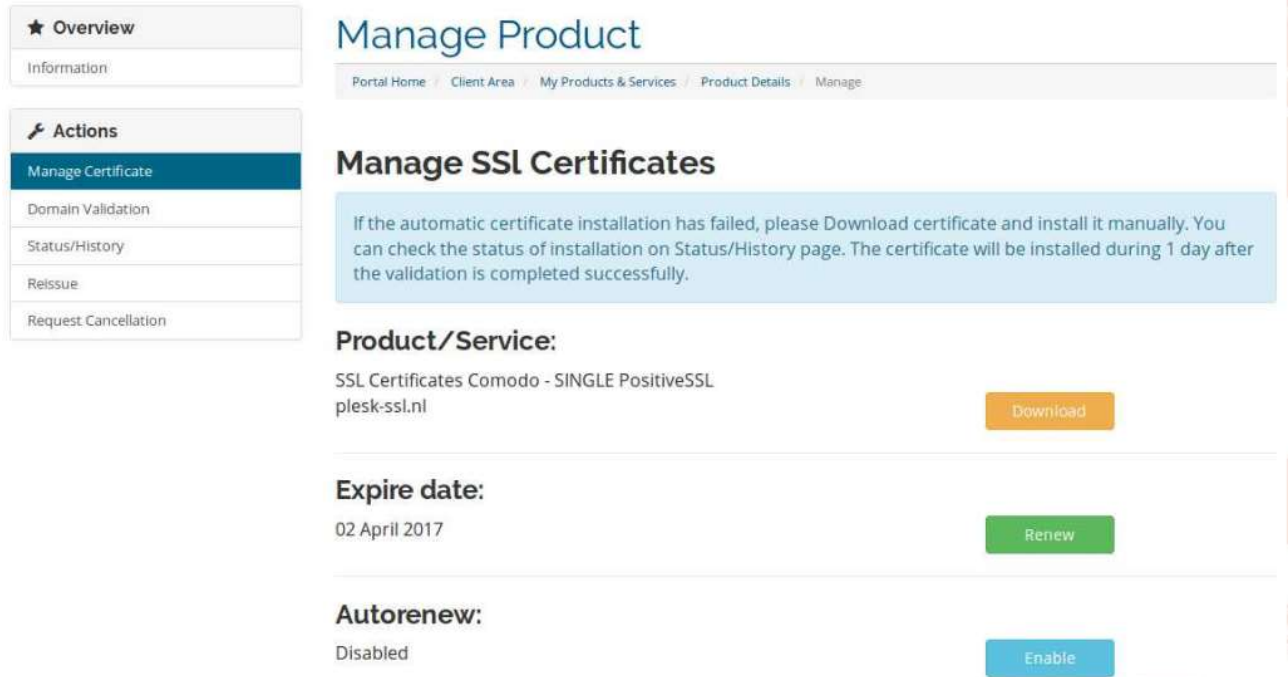
Portal Home / Client Area / My Products & Services / Product Details / Manual Domain Validation

Manual Domain Validation

Place a CNAME DNS record with specific content.

Domain	Validate
plesk-ssl.nl	<p>Host:</p> <p>8494a4920821b15b0011f36dfddc427a.plesk-ssl.nl</p> <p>Value:</p> <p>ba98a66c5b59dc8063e5b654e91fe07221a476c4.comodoca.com</p>
cpanel-ssl.nl	<p>Host:</p> <p>8494a4920821b15b0011f36dfddc427a.cpanel-ssl.nl</p> <p>Value:</p> <p>ba98a66c5b59dc8063e5b654e91fe07221a476c4.comodoca.com</p>

- When the product is validated (after the Cronjob run), the Manage Certificate page becomes active. On this page the user is able to:



The screenshot shows the 'Manage Product' interface for SSL Certificates. On the left, there is a sidebar with 'Overview' (selected) and 'Actions' (containing 'Manage Certificate', 'Domain Validation', 'Status/History', 'Reissue', and 'Request Cancellation'). The main content area is titled 'Manage SSL Certificates' and includes a blue informational box about manual installation. Below this, the 'Product/Service' section shows 'SSL Certificates Comodo - SINGLE PositiveSSL' with a 'plesk-ssl.nl' identifier and a 'Download' button. The 'Expire date' section shows '02 April 2017' with a 'Renew' button. The 'Autorenew' section shows 'Disabled' with an 'Enable' button. A breadcrumb trail at the top reads: Portal Home / Client Area / My Products & Services / Product Details / Manage.

- Download a certificate (.zip folder)
 - Renew a certificate (available 60 days before the expire date). Note: For multidomain certificates, Renew is a separate tab.
 - Reissue a certificate (this function isn't fully implemented)
 - Enable or disable the automatic renewal (the invoice for the new period is provided within 30 days before the expire date)
1. The Renew tab for multidomain certificates provides options for managing SAN's.
 2. The Request cancellation tab is a standard option in WHMCS. The function alerts the administrator a client wants to cancel a certificate and is able to process this manually.

Module commands

The Admin panel can also be used to manage a request or install a certificate, for example if the regular request fails):

1. Open user's profile
2. Go to the tab Products/Services
3. Open the service you wish to manage:
 1. Click on Create to resend and order to Xolphin
 2. Click on Install certificates to install.