

Certum SSL For cPanel

Installation and Management Guide

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1. About

Certum SSL For cPanel has been created to assist end-customers who are not highly competent in complicated process of certificates installation and provisioning. Furthermore, the module also minimize the efforts of administrators who no longer need to support their clients in that process.

2. WHM Admin Area

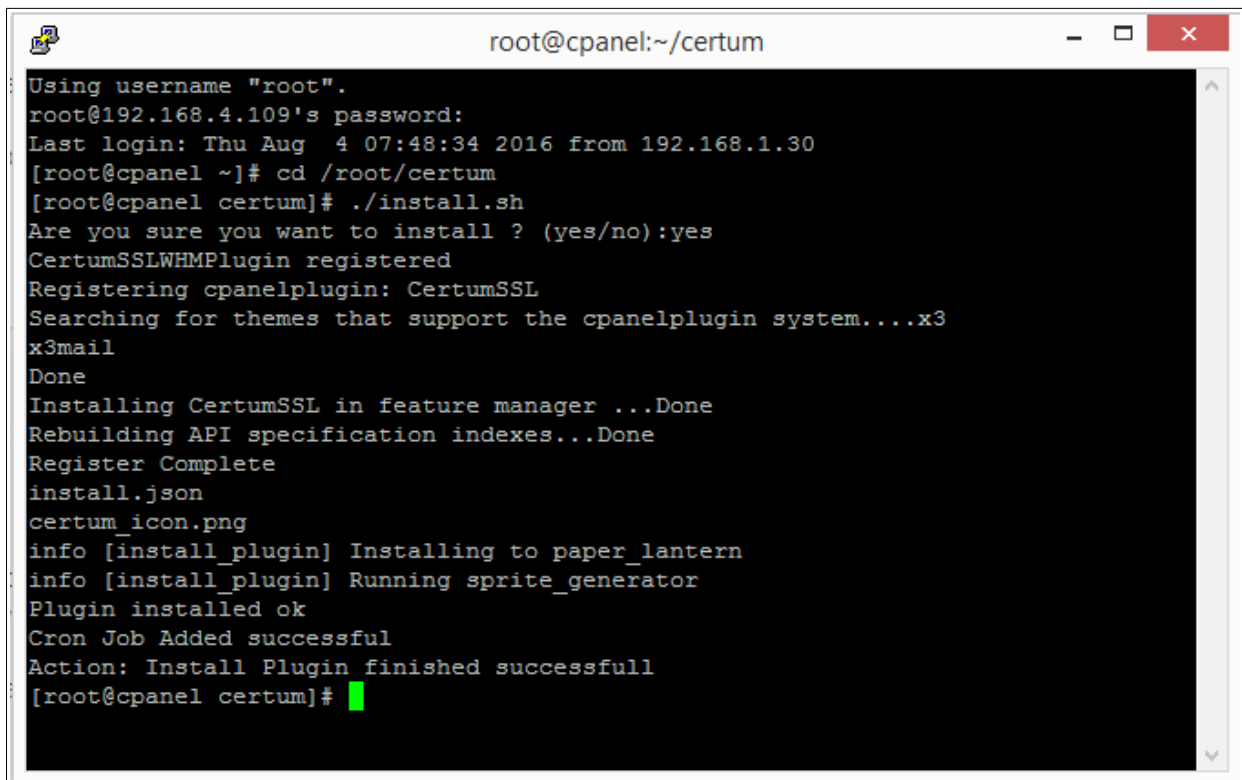
2.1. Installation & Configuration

1. Connect to your server via SSH
2. Download **CertumSSL For cPanel** package, unpack it and drop into a correct directory.
3. Run command in your console:

```
./install.sh
```

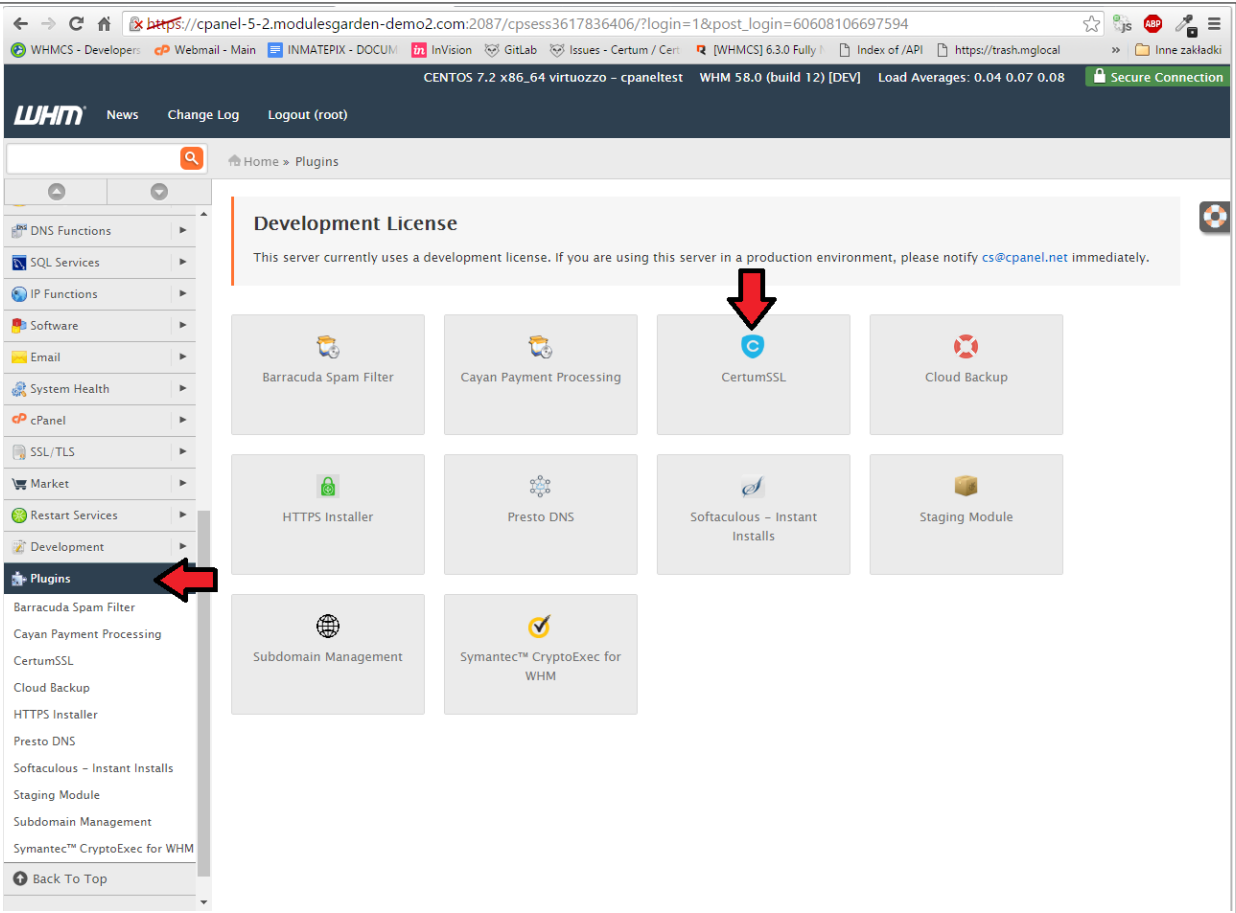
**In case you want to uninstall your module simply run:*

```
./uninstall.sh
```

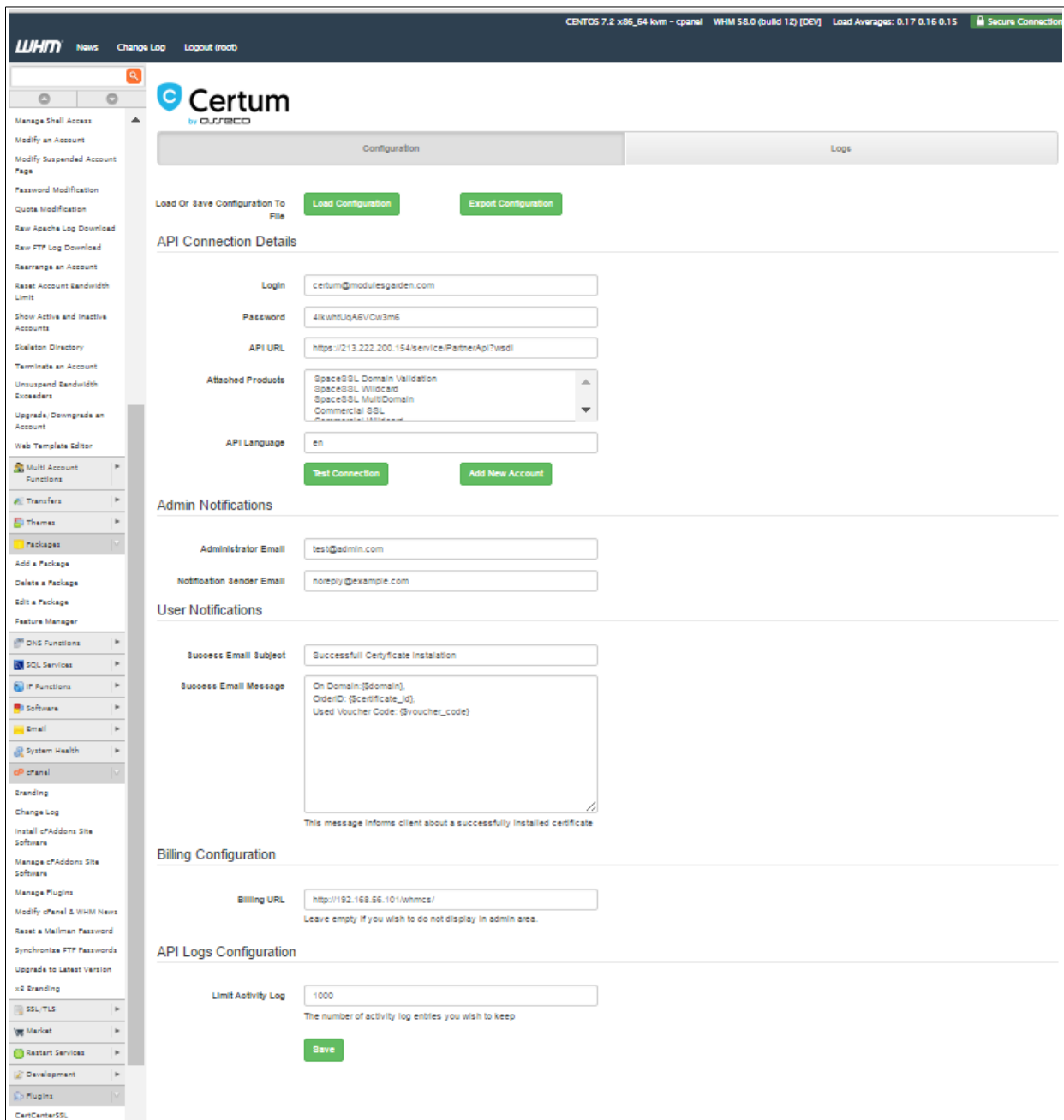


```
root@cpanel:~/certum
Using username "root".
root@192.168.4.109's password:
Last login: Thu Aug  4 07:48:34 2016 from 192.168.1.30
[root@cpanel ~]# cd /root/certum
[root@cpanel certum]# ./install.sh
Are you sure you want to install ? (yes/no):yes
CertumSSLWHMPlugin registered
Registering cpanelplugin: CertumSSL
Searching for themes that support the cpanelplugin system...x3
x3mail
Done
Installing CertumSSL in feature manager ...Done
Rebuilding API specification indexes...Done
Register Complete
install.json
certum_icon.png
info [install_plugin] Installing to paper_lantern
info [install_plugin] Running sprite_generator
Plugin installed ok
Cron Job Added successful
Action: Install Plugin finished successfull
[root@cpanel certum]#
```

4. Log into your WHM, proceed to *Plugins* → *CertumSSL*



5. You will be moved to Cerum SSL configuration page.



The screenshot shows the WHM interface for Cerum SSL configuration. The top navigation bar includes 'WHM', 'News', 'Change Log', and 'Logout (root)'. The system status bar at the top right shows 'CENTOS 7.2 x86_64 kvm - cpanel WHM 58.0 (build 12) [DEV] Load Average: 0.17 0.16 0.15' and a 'Secure Connection' indicator.

The main content area is titled 'Certum by QSRBCO' and has two tabs: 'Configuration' (selected) and 'Logs'. Below the tabs, there are two buttons: 'Load Configuration' and 'Export Configuration'. A section titled 'Load Or Save Configuration To File' is present.

The 'API Connection Details' section contains the following fields and buttons:

- Login:** certum@modulesgarden.com
- Password:** 4kwhTJqASVQw3m6
- API URL:** https://213.222.200.154/service/PartnerApi?wsdl
- Attached Products:** SpaceSSL Domain Validation, SpaceSSL Wildcard, SpaceSSL MultiDomain, Commercial SSL (dropdown menu)
- API Language:** en
- Buttons:** Test Connection, Add New Account

The 'Admin Notifications' section contains:

- Administrator Email:** test@admin.com
- Notification Sender Email:** noreply@example.com

The 'User Notifications' section contains:

- Success Email Subject:** Successful Certificate Installation
- Success Email Message:** On Domain: {domain}, OrderID: {certificate_id}, Used Voucher Code: {voucher_code}
- Text:** This message informs client about a successfully installed certificate

The 'Billing Configuration' section contains:

- Billing URL:** http://192.168.56.101/whmcs/
- Text:** Leave empty if you wish to do not display in admin area.

The 'API Logs Configuration' section contains:

- Limit Activity Log:** 1000
- Text:** The number of activity log entries you wish to keep
- Button:** Save

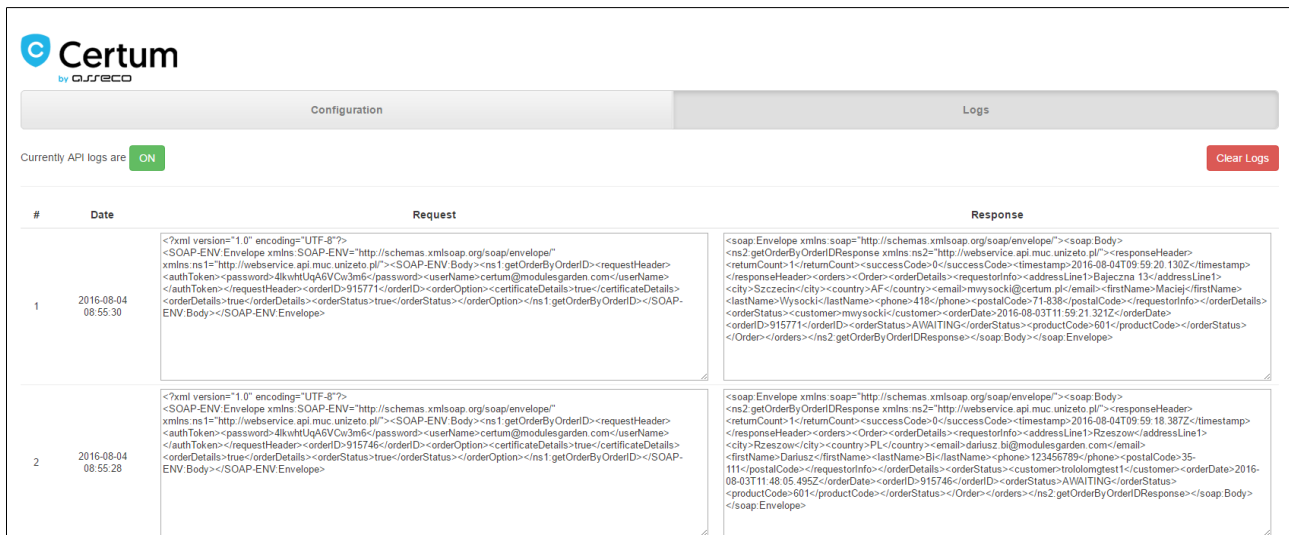
The left sidebar contains a search bar and a list of navigation items: Manage Shell Access, Modify an Account, Modify Suspended Account Page, Password Modification, Quota Modification, Raw Apache Log Download, Raw FTP Log Download, Rearrange an Account, Reset Account Bandwidth Limits, Show Active and Inactive Accounts, Skeleton Directory, Terminate an Account, Unsuspend Bandwidth Exceeders, Upgrade/Downgrade an Account, Web Template Editor, Multi Account Functions, Transfers, Themes, Packages, Add a Package, Delete a Package, Edit a Package, Feature Manager, DNS Functions, SQL Services, IP Functions, Software, Email, System Health, cPanel, Branding, Change Log, Install cPaddons Site Software, Manage cPaddons Site Software, Manage Plugins, Modify cPanel & WHM News, Reset a Mailman Password, Synchronize FTP Passwords, Upgrade to Latest Version, cPanel Branding, SSL/TLS, Market, Restart Services, Development, and Plugins.

2.2. Management

Now in *Configuration* part, you may:

- load and export saved configuration to `PredefinedConfiguration.ini` file (it is stored in `cPanelRootPath/whostmgr/docroot/cgi/CertumSSL/etc/PredefinedConfiguration.ini`).
- add multiple API accounts and to each you will be able attach products
- manage Admin and User notifications
- billing url which will be displayed in client cPanel module page
- provide maximum number of the latest log entries that will be stored in *Logs* section.

In *Logs* section you will find entries on any actions. You may always turn the Logs *On/Off* if needed or *Clear* all entries.



#	Date	Request	Response
1	2016-08-04 08:55:30	<pre><?xml version="1.0" encoding="UTF-8"?> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope" xmlns:ns1="http://webservice.api.muc.unizeto.pl"><SOAP-ENV:Body><ns1:getOrderByOrderID><requestHeader> <authToken><password>4lkvhtUqA6Vcw3m6</password><userName>certum@modulesgarden.com</userName> </authToken></requestHeader><orderId>915771</orderId><orderOption><certificateDetails>true</certificateDetails> </orderDetails>true</orderDetails></orderStatus>true</orderStatus></orderOption></ns1:getOrderByOrderID></SOAP- ENV:Body></SOAP-ENV:Envelope></pre>	<pre><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope"><soap:Body> <ns2:getOrderByOrderIDResponse xmlns:ns2="http://webservice.api.muc.unizeto.pl"><responseHeader> <returnCount>1</returnCount><successCode>0</successCode><timestamp>2016-08-04T09:59:20.130Z</timestamp> </responseHeader><orders><Order><orderDetails><requestorInfo><addressLine1>Bajeczna 13</addressLine1> <city>Szczecin</city><country>AF</country><email>mwosocki@certum.pl</email><firstName>Maciej</firstName> <lastName>Wwosocki</lastName><phone>41841</phone><postalCode>71-038</postalCode></requestorInfo></orderDetails> </orderStatus><customer>mwosocki</customer><orderDate>2016-08-03T11:59:21.321Z</orderDate> </orderId>915771</orderId><orderStatus>AWAITING</orderStatus><productCode>601</productCode></orderStatus> </Order></orders></ns2:getOrderByOrderIDResponse></soap:Body></soap:Envelope></pre>
2	2016-08-04 08:55:28	<pre><?xml version="1.0" encoding="UTF-8"?> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope" xmlns:ns1="http://webservice.api.muc.unizeto.pl"><SOAP-ENV:Body><ns1:getOrderByOrderID><requestHeader> <authToken><password>4lkvhtUqA6Vcw3m6</password><userName>certum@modulesgarden.com</userName> </authToken></requestHeader><orderId>915746</orderId><orderOption><certificateDetails>true</certificateDetails> </orderDetails>true</orderDetails></orderStatus>true</orderStatus></orderOption></ns1:getOrderByOrderID></SOAP- ENV:Body></SOAP-ENV:Envelope></pre>	<pre><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope"><soap:Body> <ns2:getOrderByOrderIDResponse xmlns:ns2="http://webservice.api.muc.unizeto.pl"><responseHeader> <returnCount>1</returnCount><successCode>0</successCode><timestamp>2016-08-04T09:59:18.387Z</timestamp> </responseHeader><orders><Order><orderDetails><requestorInfo><addressLine1>Rzeszow</addressLine1> <city>Rzeszow</city><country>PL</country><email>dariusz.big@modulesgarden.com</email> <firstName>Dariusz</firstName><lastName>Bi</lastName><phone>123456789</phone><postalCode>35- 111</postalCode></requestorInfo></orderDetails></orderStatus><customer>trololomtest1</customer><orderDate>2016- 08-03T11:48:05.495Z</orderDate></orderId>915746</orderId><orderStatus>AWAITING</orderStatus> <productCode>501</productCode></orderStatus></Order></orders></ns2:getOrderByOrderIDResponse></soap:Body> </soap:Envelope></pre>

3. cPanel Client Area

3.1. Certificates Installation

Log into your cPanel account. Find *Certum SSL* under *Security* section. Here you will find a list of currently installed certificates with any available details on them such as:

- *Name* of certificate type
- *Serial Number* of certificate
- *Domain* where certificate is installed
- *Token Activated* – date when used token was activated to instal the certificate
- *Valid From* – date from certyficade has been active
- *Valid Until* – date until certyficade will be active
- *Certyficade Status* – Status of requested certyficade
- *Installed* – Show if current certyficade has been installed directly in cPanel
- available *Actions* - dependable on the current status, see below for details

In order to install a new certificate you need to fill out any required field in '*Install New Certificate*' section.

1. Provide your voucher in *Token* field (*use CertCenters Token For WHMCS to generate it*)
2. Press *Confirm*.


Install New Certificate

If you want purchase token for install certificate go to billing page: <http://192.168.56.101/whmcs/>

Token*

* Required Fields

cPanel 58.0.12



You are now redirected to *Certificate Statement Page*.

cPanel Funkcje wyszukiwania: MWYSOCKI ▼ 1 WYLOGUJ

5. SUBSCRIBER STATEMENT

The Subscriber declares that:

- he/she thoroughly familiarized with and accepted these *Terms of Use*, the Certification Policy of CERTUM's Non-Qualified Certification Services and the Practice Statement of CERTUM's Non-Qualified Certification Services,
- any information provided by the Subscriber regarding the Certificate Request is correct and true and has been given voluntarily and Unizeto Technologies S.A. established in Szczecin, ul. Królowej Korony Polskiej 21 will be the administrator of this data,
- bears liability for the damages that are a consequence of falsifying of data and inappropriate usage of the issued certificate.

6. UNIZETO GUARANTEES

Unizeto guarantees, that:

- its activity and services covered by these *Terms of Use* are provided with adequate care and in accordance with provisions of these *Terms of Use*, the Certification Practice Statement, the *Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates* and the *EV Guidelines*
- the warranty period for certification services rendered by Unizeto is equal to the validity period of the certificate.
- in the case of termination or cessation of certification services, CERTUM PCC – in accordance with the Certification Practice Statement – pays compensations of issuance fees to the subscriber proportionally to remaining validity period of the certificate.
- CERTUM PCC financial warranty, in relation to the transactions covered by the guarantee, is limited to amounts described in the Certification Practice Statement.

7. STIPULATIONS

Unizeto reserves that:

- does not take any responsibility for the actions of other third parties using the certificate, except for damages which are the fault of Unizeto,
- certificates issued by CERTUM PCC may be used only in accordance with the principles of the law, only by an authorized entity and in accordance with these *Terms of Use*,
- does not bear responsibility for the consequences of the actions of Subscriber and third parties, particularly for:
 - damages arising from the incorrect installation and usage of the certificate and damages due to the quality of equipment used by the Subscriber and third parties;
 - the damages arising from inappropriate usage of issued certificates or inappropriate security of the private key by the Subscriber and third parties.
- does not bear responsibility for unforeseen events beyond its reasonable control and occurring without its fault or negligence (force majeure).

* Required Fields

cPanel 58.0.12 Macierzysty Znaki towarowe Dokumentacja

After confirmation of statement you will be redirected to Certificate Details Page.

Here you have to fill out all the contact data:

- *Certificate and Contact Details*
- Press *Confirm*

cPanel Search (/) | mgtest1 | LOGOUT

CertumSSL

Certum
by *ajreco*

Token:

Install On:

Certificate Details

Organization:

Organizational Unit:

Locality:

State or Province Name:

Country*:

Email:

Contact Details

First Name*:

Last Name*:

Address*:

Country*:

City*:

E-mail*:

Phone*:

Postal Code*:

Organisation Name:

Tax Number:

Verification Phone Number:

* Required Fields

Your newly added certificate should appear on the list of awaiting certificates with available informations.

cPanel Search Features | NEWSTG | LOGOUT

DEVELOPMENT LICENSE: This server is running on a development license. If this server is being used in a production environment, please notify cs@cpanel.net (mailto:cs@cpanel.net?subject=()) is using a dev license in a production environment) immediately.

CertumSSL

Certum
by *ajreco*

Certificate has been added successfully

Currently Installed Certificates

Name	Serial Number	Domain	Token Activated	Valid From	Valid Until	Certificate Status	Installed	Actions
Trusted SSL	None	newstg.com	2016-08-04 11:27:41	None	None	REJECTED	Not Installed	Details

Install New Certificate

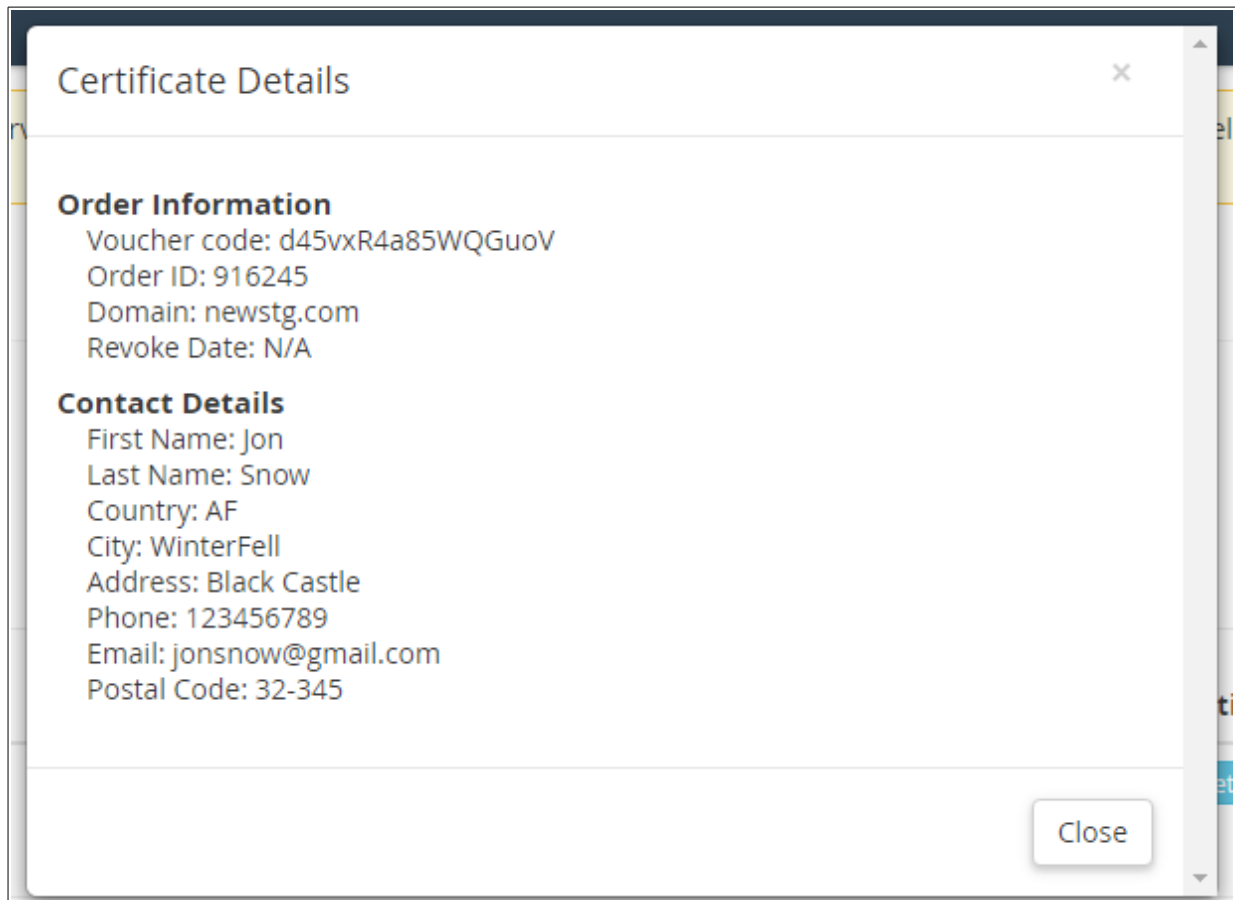
If you want purchase token for install certificate go to billing page: <http://192.168.56.101/whmcs/>

Token*:

* Required Fields

3.2. Management Actions

- **Details:** Order information



-
- **Reissue:** certificate must have *VALID* status to use this option. If you use *Reissue* button, CSR and Private Key will be altered for the already active certificate. You will have to fill out *Certificate* details and then press *Reissue Certificate*.
- **Revoke:** only *VALID* certificates can be revoked (must have serial number)
- **Cancel:** certificates that have either *Revoked* or *Awaiting* status can be canceled.

5. Common Problems

1. When you have problems with connection, check whether your SELinux or firewall does not block ports