

Swish payment method for Opencart

Certificate handling

Devman Extensions is not supporting the Swish Certificate management requirements regarding installing certificate on the server or generating certificates. All questions regarding certificates in this matter needs to be asked directly to Swish support: swishhandel@bankgirot.se

Below steps is for guidance only.

Important note! You have to complete these steps before being able to request a certificate from Swish. If you do not complete any of these steps below you will **NOT** be able to request and download a certificate from Swish.

- 1) Contact your bank and ask for "Swish för handel"
Your bank will send out the relevant paperwork, process these paper in an internal process and send them to Bankgirot for final processing and activation of service.
You will be assigned a NEW swish 123xxxxx number, this number is never publically visible and should be kept private for use only in the API integration.
- 2) When your bank and Bankgirot has finished processing step 1 above you and approved your application, you will be notified that the service is enabled.
- 3) Log in to Bankgirot Swish Certificate management on URL
<https://comcert.getswish.net/>



Certificate list

[Download Swish server TLS certificate](#)

Issued (GMT)	Valid through (GMT)	Issuer	Requested by	Status	Download	Revoke
2018-02-25 23:00:00	2020-02-25 22:59:59			VALID	Download	
2018-02-25 23:00:00	2020-02-25 22:59:59			REVOKED	Download	
2018-02-18 23:00:00	2020-02-18 22:59:59			REVOKED	Download	
2018-02-18 23:00:00	2020-02-18 22:59:59			REVOKED	Download	
2018-02-15 23:00:00	2020-02-15 22:59:59			REVOKED	Download	
2018-02-14 23:00:00	2020-02-14 22:59:59			REVOKED	Download	
2018-02-13 23:00:00	2020-02-13 22:59:59			REVOKED	Download	

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Press and save the file from link "Download Swish server TLS certificate" you will need this file in step 6 later on.

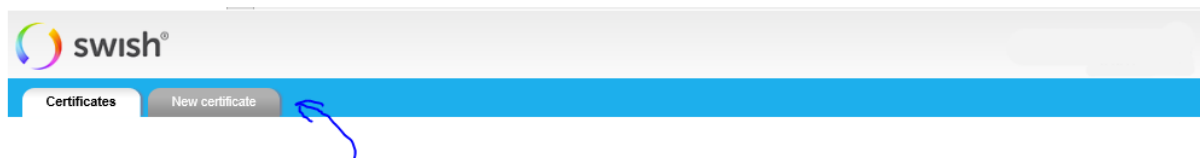
- 4) In order to request a new certificate from the “New certificate tab” you need to generate a CSR and private key. You need both files, CSR is needed for certificate creation with Swish and nothing more. You will need this CSR every time you generate a new certificate from swish, for example the validity is 2 years, if you do not want to change your private key after 2 years you need to keep your CSR in a safe place. The process of generating a CSR and private key varies from server to server. On a standard linux system like Ubuntu and Debian the process would be like this:

```
openssl req -new -newkey rsa:4096 -nodes -keyout swish_priv_key.key -out swish.csr
```

Digicert has a good guide for other OS as well: <https://www.digicert.com/csr-creation.htm>

According to Swish API manual, no values entered in the csr and private key process from the command above has any meaning more than that the key is 2048bit long. Please leave the password fields of the certificate process blank as certificate passwords are not handled in the payment module in opencart right now.

Press the “New certificate tab”



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2018-02-15 23:00:00	2020-02-15 22:59:59			REVOKED	Download	
2018-02-14 23:00:00	2020-02-14 22:59:59			REVOKED	Download	
2018-02-13 23:00:00	2020-02-13 22:59:59			REVOKED	Download	

- If creation is successful a certificate will be generated. Save this to a file in safe place. You will need the contents of this file later in Opencart admin for the module. Please pay attention to the certificate when copy-pasting so that no excess characters or extra lines is introduced in the file.

- 6) Upload the private key file and the the certificate to Opencart module admin. Also upload the general swish TLS certificate chain you can download from step 3, “Download Swish server TLS certificate”

 **DevmanExtensions.com** - Swish för handel (V.1.2.0) [Home](#) / [Payments](#) / [Swish för handel](#)  

Swish för handel

General Translations Support Changelog - downloads

Status ☒

Test mode ☐

Swish Number

Certificate file .ctr  Ningún archivo seleccionado
Certificate file doesn't exist

Key file .key  Ningún archivo seleccionado
Private key file doesn't exist

Order status completed

Total 

Geo Zone

Sort Order

Press save. After this, certificates should be in place correctly.

Swish official API guide

<https://developer.getswish.se/merchants/>

Swish official API guide for certificate management

<https://developer.getswish.se/merchants-swish-cert/1-introduction/>