# http(s)://secure.comodo.net/products/download/CollectCCC

## Version History

1.00 Original version.
1.01 Added: Error message –22.
Changed: "Error Code" renamed "Status Code".
Meaning of Status Code 0.
1.02 Added: responseType=1 (Netscape Certificate Sequence) is now implemented.
1.03 Added: "showValidityPeriod" parameter.
1.04 Added: This specification now covers CollectCCC as well as CollectSSL.
1.05 Added: responseType=2 (PKCS#7) is now implemented.
1.06 Added: "collectionCode" parameter.
"responseMimeType" parameter.
responseEncoding=1 is now implemented (for responseType=2).
1.07 Added: "saspSessionID" parameter.
1.08 Added: responseType=0 (ZIP archive) is now implemented (for CollectSSL only).
Removed: "saspSessionID" parameter.
1.09 Added: "showFQDN" parameter (for CollectSSL only).
1.10 Changed: CollectCCC and CollectSSL are now specified separately again.
1.11 Added: responseEncoding=2 (Javascript).
Added: "callbackFunctionName" parameter.
Added: responseType=4 (CMMF).

## 1. Request

Required variables are in **bold**.
Optional variables are in *italics*.

| Variable Name (case insensitive) | Type | Max. Length | Allowed Values | Description |
|---|---|---|---|---|
| **loginName** | string | **64** chars | | Account Username (case sensitive) |
| **loginPassword** | string | **128** chars | | Account Password (case sensitive) |
| **orderNumber** | integer | | Any order number previously returned to your account. | This is the order number previously returned (e.g. from the AutoApplySSL call) |
| *collectionCode* | string | **16** chars | If specified, omit loginName, loginPassword and orderNumber.<br>If specified, CollectCCC may be called over HTTP (instead of HTTPS). | The collection code (provided in the collection email) |
| **queryType** | integer | | **0** = return status only<br>**1** = return status and certificate data and intermediates/roots if ready for collection<br>**2** = return status and certificate only (no intermediates/roots) (crt)<br>**3** = return status and intermediates/roots only (cabundle) | |
| *responseType* | integer | | **1** = Netscape Certificate Sequence (queryType must be **1**)<br>**2** = PKCS7 (queryType must be **1**)<br>**3** = Individually encoded<br>**4** = CMMF (queryType must be **1**) | |
| *responseEncoding* | integer | | **0** = BASE64 encoded<br>**1** = binary encoded (queryType must be **1**; responseType must be **0** or **2**)<br>**2** = Javascript variable declarations ("g_ccc" contains the BASE64 structure requested by "responseType"; "g_errorCode" contains the status code (see section 2.1); "g_errorMessage" contains an error message). | |
| *callbackFunctionName* | string | **64** chars | The name of a Javascript function that should be called straight after the variable declarations (when "responseEncoding=2"). | |
| *responseMimeType* | string | **255** chars | Any Mime Type (e.g. application/x-x509-user-cert) | For "responseEncoding=2", the default value (if this parameter is omitted) is text/javascript. Otherwise, it is text/plain. |
| *showValidityPeriod* | char | **1** char | **Y** or **N**. | If omitted, its value defaults to **N**. |

## 2. Response

If *responseEncoding=2*, the output will be Javascript variable declarations plus (optionally) a function call to a callback function.
If *responseEncoding=1*, the certificate(s) are available and no error occurs, the output will consist simply of the requested binary structure.

If *responseEncoding=0*, the output will be formatted as described below:

### 2.1 First line

| Line | Possible Value(s) |
|---|---|
| Mime Type | If Status Code > 0: value of *responseMimeType* (or text/plain)<br>If Status Code <= 0: text/plain |

| | |
|---|---|
| Line 1:<br>*Status Code* | **2** = Certificates Attached<br>**1** = Certificates Available<br>**0** = Being processed by Comodo<br>**-1** = Request was not made over https!<br>**-2** = Unrecognised argument!<br>**-3** = The '*xxxx*' argument is missing!<br>**-4** = The value of the '*xxxx*' argument is invalid!<br>**-14** = An unknown error occurred!<br>**-16** = Permission denied!<br>**-17** = Request used GET rather than POST!<br>**-20** = The certificate request has been rejected!<br>**-21** = The certificate has been revoked!<br>**-22** = Still awaiting payment! |

**2.2.1 If *Status Code* < 0**

| Line | Possible Value(s) |
|---|---|
| Line 2:<br>Error Message | Textual representation of error message. |

**2.2.2 If *Status Code* > 0 AND *showValidityPeriod* = Y**

| Line | Possible Value(s) |
|---|---|
| Line 2:<br>Not Before DD/MM/YYYY <SPACE> Not After DD/MM/YYYY | e.g.<br>**14/05/2003 13/05/2004** |

Certificates issued by Comodo always have a "not before" time of 00:00:00 GMT and a "not after" time of 23:59:59 GMT.

**2.2.4 If *Status Code* = 2**

| Line | Possible Value(s) |
|---|---|
| ----- BEGIN CERTIFICATE ----- | |
| Encoded Root Certificate | |
| ----- END CERTIFICATE ----- | |
| ----- BEGIN CERTIFICATE ----- | |
| Encoded Intermediate Certificate | |
| ----- END CERTIFICATE ----- | |
| ----- BEGIN CERTIFICATE ----- | |
| Encoded End Entity Certificate | |
| ----- END CERTIFICATE ----- | |