

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: CollectSSL and CollectCCC are now specified separately again.
- 1.11 Added: "certificateID" and "showExtStatus" parameters.
- 1.12 Added: "responseFormat" parameter.
- 1.13 Added: "showMDCDomainDetails" parameter.
- 1.14 Added: "baseOrderNumber" parameter.
Changed: "orderNumber" parameter, to better handle related orders.
Added: "showStatusDetails" parameter.
- 1.15 Added: "showMDCDomainDetails2" parameter.
- 1.16 Clarified: Either "orderNumber", "certificateID" or "baseOrderNumber" must be provided.
- 1.17 Added: "brandValStatus" parameter.
Added: New possible value "Awaiting Brand Validation" for "Validation Status" line in response.

NOTE: Please do not make multiple concurrent calls to this API.

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)
<i>orderNumber</i> (either "orderNumber", "certificateID" or "baseOrderNumber" must be provided)	string	128 chars	Any order number previously returned to your account.	This is the order number previously returned (e.g. from the AutoApplySSL call)
<i>certificateID</i> (either "orderNumber", "certificateID" or "baseOrderNumber" must be provided)	integer	16 digits	A Certificate ID previously returned by !AutoApplySSL or !AutoReplaceSSL.	The internal Certificate ID of the SSL certificate.
<i>baseOrderNumber</i> (either "orderNumber", "certificateID" or "baseOrderNumber" must be provided)	integer		Any base order number previously returned to your account.	The base order number.
queryType	integer		0 = return status only 1 = return status and certificate data and intermediates/roots if ready for collection 2 = return status and certificate only (no intermediates/roots) (crt) 3 = return status and intermediates/roots only (cabundle)	
<i>responseType</i>	integer		0 = ZIP archive (queryType must be 1) 1 = Netscape Certificate Sequence (queryType must be 1) 2 = PKCS7 (queryType must be 1) 3 = Individually encoded	
<i>responseEncoding</i>	integer		0 = BASE64 encoded 1 = binary encoded (queryType must be 1; responseType must be 0 or 2)	
<i>showValidityPeriod</i>	char	1 char	Y or N.	If omitted, its value defaults to N.
<i>showFQDN</i>	char	1 char	Y or N.	If omitted, its value defaults to N.
<i>showExtStatus</i>	char	1 char	Y or N.	If omitted, its value defaults to N.
<i>responseFormat</i>	char	1 char	0 = New-line delimited parameters. 1 = URL-encoded parameters. If omitted, it's value defaults to 0 . This parameter is only relevant when <i>responseEncoding=0</i> .	Explained in sections 2 and 3 below.
<i>showMDCDomainDetails</i>	char	1 char	Y or N.	If omitted, its value defaults to N. Paired list of domains and their DCV statuses. (Only applicable for Multi Domain Certificates) Explained in sections 2 and 3 below.
<i>showMDCDomainDetails2</i>	char	1 char	Y or N.	If omitted, its value defaults to N.

				to N. Paired list of domains and their DCV statuses including domain awaiting brand validation status. (Only applicable for Multi Domain Certificates) Explained in sections 2 and 3 below.
<i>showStatusDetails</i>	char	1 char	Y or N.	If omitted, its value defaults to N. Include detailed status information in response.

If *responseEncoding=1*, the certificate(s) are available and no error occurs, the output will consist simply of the requested binary structure. In all other cases, the output will be formatted as described in sections 2 and 3.

2. Response (when *responseFormat=0*, the default)

2.1 MIME Type and first line

Line	Possible Value(s)
<i>Mime Type</i>	If Status Code > 0: value of <i>responseMimeType</i> (or text/plain) If Status Code <= 0: text/plain
Line 1: <i>Status Code</i>	<ul style="list-style-type: none"> 2 = Certificates Attached 1 = Certificates Available 0 = Being processed by Comodo -1 = Request was not made over https! -2 = Unrecognised argument! -3 = The 'xxx' argument is missing! -4 = The value of the 'xxx' argument is invalid! -14 = An unknown error occurred! -16 = Permission denied! -17 = Request used GET rather than POST! -20 = The certificate request has been rejected! -21 = The certificate has been revoked! -22 = Still awaiting payment!

2.2.1 If Status Code < 0

Line	Possible Value(s)
Line 2: <i>Error Message</i>	Textual representation of error message.

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

Line	Possible Value(s)
Line 2: Not Before DD/MM/YYYY <SPACE> Not After DD/MM/YYYY	e.g. 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.

2.2.3 If Status Code > 0 AND *showFQDN = Y*

Line	Possible Value(s)
Next Line: The Fully-Qualified Domain Name of the SSL certificate	e.g. secure.comodo.net

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 -----	

2.2.5 If *showExtStatus = Y*

Line	Possible Value(s)
Next Line: <i>Certificate Status</i>	e.g. Awaiting Validation Issued Revoked NO STATUS
Next Line: <i>Validation Status</i>	e.g. Complete Awaiting Legal Documents Awaiting Document Translation

	Awaiting private WHOIS entry release Awaiting Brand Validation
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2.2.6 If Status Code = 0 AND showMDCDomainDetails = Y

Line	Possible Value(s)
Next Line: MDC Domain Details domain Name <SPACE> DCV Valid Status Comma separated list	e.g. domain1.com VALIDATED, domain2.com NOTVALIDATED

2.2.7 If showStatusDetails = Y

Variable Name	Possible Value(s)
Next Line: csrStatus	-1 - not-required 0 - not-completed 1 - completed 2 - in-progress
Next Line: dcvStatus	-1 - not-required 0 - not-completed 1 - completed 2 - in-progress
Next Line: ovCallbackStatus	-1 - not-required 0 - not-completed 1 - completed 2 - in-progress
Next Line: organizationValidationStatus	-1 - not-required 0 - not-completed 1 - completed 2 - in-progress
Next Line: freeDVUPStatus	-1 - not applicable 0 - not-completed 1 - completed 2 - in-progress
Next Line: evClickThroughStatus	-1 - not applicable 0 - not-completed 1 - completed 2 - in-progress
Next Line: brandValStatus	-1 - not applicable 1 - completed 2 - in-progress

2.2.8 If Status Code = 0 AND showMDCDomainDetails2 = Y

Line	Possible Value(s)
Next Line: MDC Domain Details2 domain Name <SPACE> DCV Valid Status Comma separated list	e.g. domain1.com VALIDATED, domain2.com NOTVALIDATED domain3.com AWAITINGBRAND

3. Response (when responseFormat=1)

Most of Comodo's newer APIs always use URL-encoding for responses. CollectSSL can now be instructed to return responses in the same format, simply by specifying *responseFormat=1* in the request.

3.1 MIME Type

Line	Possible Value(s)
Mime-Type	application/x-www-form-urlencoded

3.2 Parameters

bold when always present.
italic when not always present.

Name	Possible Value(s)
errorCode	An integer (see section 2.1 - "Status Code" - for the possible values).
<i>errorMessage</i>	A string (see section 2.1 - "Status Code" - for the possible values). This parameter is not present when <i>errorCode</i> >= 0.
<i>notBefore</i>	Timestamp (number of seconds since the start of 1970) on which this certificate became valid. This parameter is only present when <i>showValidityPeriod=Y</i> .
<i>notAfter</i>	Timestamp (number of seconds since the start of 1970) on which this certificate will become invalid. This parameter is only present when <i>showValidityPeriod=Y</i> .
<i>fqdn</i>	The Fully-Qualified Domain Name of this SSL Certificate. This parameter is only present when <i>showFQDN=Y</i> .
<i>zipFile</i>	Base64-encoded (and then URL-encoded) ZIP file. This parameter is only present when <i>responseType=0</i> .

<i>netscapeCertificateSequence</i>	Base64-encoded (and then URL-encoded) Netscape Certificate Sequence. This parameter is only present when <i>responseType=1</i> .
<i>pkcs7</i>	Base64-encoded (and then URL-encoded) PKCS#7. This parameter is only present when <i>responseType=2</i> .
<i>caCertificate</i>	Base64-encoded (and then URL-encoded) CA Certificate. This parameter is only present when <i>responseType=3</i> . This parameter will appear multiple times – once for each CA Certificate in the certificate chain.
<i>certificate</i>	Base64-encoded (and then URL-encoded) End-entity Certificate. This parameter is only present when <i>responseType=3</i> and <i>queryType=1</i> or <i>2</i> .
<i>certificateStatus</i>	A string describing the current status of the certificate.
<i>validationStatus</i>	A string describing the current validation status of the order/account.
<i>mdcDomainDetails</i>	A URL-encoded string containing the paired information of domain name and DCV Validation Status (see section 2.2.6 for examples). This parameter is only present when <i>Status Code=0</i> and <i>showMDCDomainDetails=Y</i>
<i>mdcDomainDetails2</i>	A URL-encoded string containing the paired information of domain name and DCV Validation Status (see section 2.2.6 for examples). This parameter is only present when <i>Status Code=0</i> and <i>showMDCDomainDetails2=Y</i>
<i>csrStatus</i>	CSR Status of certificate (if <i>showStatusDetails = Y</i>) -1 - not-required 0 - not-completed 1 - completed 2 - in-progress
<i>dcvStatus</i>	DCV Status of certificate (if <i>showStatusDetails = Y</i>) -1 - not-required 0 - not-completed 1 - completed 2 - in-progress
<i>ovCallBackStatus</i>	OV CallBack Status of account (if <i>showStatusDetails = Y</i>) -1 – not applicable 0 - not-completed 1 - completed 2 - in-progress
<i>organizationValidationStatus</i>	A string describing the current status of account validation (OV) (if <i>showStatusDetails = Y</i>) -1 – not applicable 0 - not-completed 1 - completed 2 - in-progress
<i>freeDVUPStatus</i>	Status of Free DV Upgrade (if <i>showStatusDetails = Y</i>) -1 – not applicable 0 - not-completed 1 - completed 2 - in-progress
<i>evClickThroughStatus</i>	Status of EV ClickThrough Acceptance (if <i>showStatusDetails = Y</i>) -1 – not applicable 0 - not-completed 1 - completed 2 – in-progress
<i>brandValStatus</i>	Brand validation status (if <i>showStatusDetails = Y</i>) -1 – not applicable 1 - completed 2 - in-progress