

## Version History

- 1.0 Original version.
- 1.01 Added: "showStatusDetails" parameter.
- 1.02 Changed: Description of "orderNumber" "and % wildcards are NOT allowed" instead of "and % wildcards are allowed".
- Added: "saspSessionID" parameter.
- Added: "certificateID" parameter.
- Added: "certificateStatusCode" parameter.
- Added: "certificateStatusDesc" parameter.
- Added: "showAdditionalDomains" parameter.
- Added: "showSignatureAlgorithm" parameter.
- Added: "expireNotBefore" parameter.
- Added: "expireNotAfter" parameter.
- Added: "foreignOrderNumber" parameter.
- Added: "showOldItems" parameter.
- Added: "showCertificateID" parameter.
- Added: "showExtStatus" parameter.
- Added: "showStatusesOnly" parameter.
- Added: "X\_foreignOrderNumber" response parameter.
- Added: "X\_validationStatus" response parameter.
- Added: "X\_Y\_additionalDomain" response parameter.
- Added: "X\_Y\_mdcDomainNames" response parameter.
- Added: "X\_Y\_signatureAlgorithm" response parameter.
- Added: "X\_Y\_certificateID" response parameter.
- Added: Error code -42.

## 1. Request

The request should be POSTed (rather than GETed) to the above URL.

Required variables are in **bold**.

Optional variables are in *italics*.

Variable Name (case insensitive)	Type	Max. Length	Description
<b>loginName</b>	string	64 chars	Account Username (case sensitive)
<b>loginPassword</b>	string	128 chars	Account Password (case sensitive)
<i>saspSessionID</i>	string	16 chars	The ID of a SASP "login session". If this parameter is specified, "loginName" and "loginPassword" should not be specified.
<i>notBefore</i>	integer		Timestamp (number of seconds since start of 1970); orders placed before this time will be ignored
<i>notAfter</i>	integer		Timestamp (number of seconds since start of 1970); orders placed after this time will be ignored
<i>firstResultNo</i>	integer		Index of the first result to return
<i>lastResultNo</i>	integer		Index of the last result to return
<i>organizationName</i>	string	64 chars	Company Name ( _ = single-character wildcard; % = multi-character wildcard)
<i>fqdn</i>	string	255 chars	Fully-Qualified Domain Name ( _ and % wildcards are allowed)
<i>orderNumber</i>	string	32767 chars	One or more (comma-separated) SASP-generated Order Numbers ( _ and % wildcards are not allowed)
<i>foreignOrderNumber</i>	string	32767 chars	One or more (comma-separated) foreign Order Numbers ( _ and % wildcards are not allowed)
<i>certificateID</i>	string	32767 chars	One or more (comma-separated) SASP-generated Certificate IDs ( _ and % wildcards are not allowed).
<i>showStatusDetails</i>	char	1 char	<b>Y</b> or <b>N</b> .
<i>certificateStatusCode</i>	integer		One or more (comma-separated) certificate code statuses. Allowed values: 1, 5, 6, 7, 8, 9, 12, 13, 14
<i>certificateStatusDesc</i>	string	64 chars	One or more (comma-separated) certificate statuses. Allowed values: awaitingvalidation failed issued rejected revoked issuedawaitingcollection awaitingbrandvalidation awaitingrequest replaced
<i>showAdditionalDomains</i>	char	1 char	If <b>Y</b> – show additional Domain for single certificate, and show domain names for MDC
<i>showSignatureAlgorithm</i>	char	1 char	If omitted, it's value defaults to <b>N</b> . If this value is set to <b>Y</b> , the SignatureAlgorithm will appear in the response.
<i>expireNotBefore</i>	integer		Timestamp (number of seconds since start of 1970); orders placed before this time will be ignored.
<i>expireNotAfter</i>	integer		Timestamp (number of seconds since start of 1970); orders placed after this time will be ignored.
<i>showOldItems</i>	char	1 char	If omitted, it's value defaults to <b>N</b> . If this value is set to <b>Y</b> , "old" items (e.g. SSL certificates that have been replaced) will appear in the response.
<i>showCertificateID</i>	char	1 char	If omitted, it's value defaults to <b>N</b> . If this value is set to <b>Y</b> , the certificateID of the certificates is included in the response.
<i>showExtStatus</i>	char	1 char	If omitted, its value defaults to <b>N</b> . If this value is set to <b>Y</b> , the extended validation status is also returned.
<i>showStatusesOnly</i>	char	1 char	If omitted, its value defaults to <b>N</b> . If this value is set to <b>Y</b> , the response will only include the following parameter types: "errorCode", "noOfResults", "X_orderNumber", "X_foreignOrderNumber", "X_orderStatus", "X_validationStatus", "X_Y_certificateID", "X_Y_status", "X_Y_lastStatusChange"

Note: "firstResultNo" and "lastResultNo" are provided so that the report can be split into multiple pages without having to retrieve the entire result set from SASP. Also note: if required, "orderNumber" can be specified multiple times; all of the comma-separated "orderNumber" lists will be concatenated together by SASP. Only one of "organizationName", "fqdn" or "orderNumber" can be specified.

## 2. Response

The MIME type will be `application/x-www-form-urlencoded`, because the format of the response will be the same “URL-encoded” format as the request (e.g. `name1=value1&name2=value2`).

Here are the names of the various variables that will or may appear in the response:

Variable Name (case insensitive)	Type	Description
<b>errorCode</b>	integer	Error code (see list below for possible values)
<i>errorMessage</i>	string	Explanation of error
<i>noOfResults</i>	integer	Total number of results
<i>X_orderNumber</i>	string	A SASP-generated Order Number
<i>X_foreignOrderNumber</i>	string	Foreign order number
<i>X_orderStatus</i>	string	A description of the current status of the order (e.g. “Pending”, “Processed”, etc)
<i>X_dateTime</i>	integer	Date/time (number of seconds since start of 1970) when the order was placed
<i>X_organizationName</i>	string	The Name of the Company
<i>X_organizationalUnitName</i>	string	The Department within the Company
<i>X_postOfficeBox</i>	string	Post Office Box
<i>X_streetAddress1</i>	string	Street Address 1
<i>X_streetAddress2</i>	string	Street Address 2
<i>X_streetAddress3</i>	string	Street Address 3
<i>X_localityName</i>	string	Locality Name (i.e. City)
<i>X_stateOrProvinceName</i>	string	State or Province Name
<i>X_postalCode</i>	string	Postal Code
<i>X_countryName</i>	string	Full Country Name (e.g. “United States”)
<i>X_validationStatus</i>	string	Validation status. Only present if “showExtStatus=Y”.
<i>X_Y_type</i>	integer	<b>43</b> = Trial SSL Certificate <b>44</b> = Intranet SSL Certificate <b>24</b> = InstantSSL Certificate <b>34</b> = InstantSSL Pro Certificate <b>7</b> = PremiumSSL Certificate <b>35</b> = PremiumSSL Wildcard Certificate <b>36</b> = TrustLogo <b>37</b> = Card Payment TrustLogo
<i>X_Y_domain</i>	string	For SSL Certificates, the Fully-Qualified Domain Name; For TrustLogos, the “coverage” (e.g. *.comodo.net/*)
<i>X_Y_additionalDomain</i>	string	Additional domain for single certificates if input showAdditionalDomains = Y
<i>X_Y_mdcDomainNames</i>	string	Domain names for MDC if input showAdditionalDomains = Y
<i>X_Y_status</i>	string	The current status of the certificate
<i>X_Y_lastStatusChange</i>	integer	Date/time (number of seconds since start of 1970) when the status of this certificate last changed
<i>X_Y_notBefore</i>	integer	Date/time (number of seconds since start of 1970) when the certificate became valid
<i>X_Y_notAfter</i>	integer	Date/time (number of seconds since start of 1970) when the certificate stops being valid
<i>X_Y_serialNumber</i>	string	The certificate serial number (SSL certificates only)
<i>X_Y_signatureAlgorithm</i>	string	Key Algorithm (SSL certificates only)
<i>X_Y_keySize</i>	string	The key size (e.g. “1024-bit”) (SSL certificates only)
<i>X_Y_webserverSoftware</i>	string	The webserver software (specified in !AutoApplySSL) with which the certificate is being used (SSL certificates only)
<i>X_Y_certificateID</i>	integer	The internal certificate ID for this element of the order (where relevant). Only present if “showCertificateID=Y”.
<i>X_Y_csrStatus</i>	integer	CSR Status of certificate (if showStatusDetails = Y) -1 - not-required 0 - not-completed 1 - completed 2 - in-progress
<i>X_Y_dcvStatus</i>	integer	DCV Status of certificate (if showStatusDetails = Y) -1 - not-required 0 - not-completed 1 - completed 2 - in-progress
<i>X_Y_ovCallBackStatus</i>	integer	OV CallBack Status of account (if showStatusDetails = Y) -1 - not applicable 0 - not-completed 1 - completed 2 - in-progress
<i>X_Y_organizationValidation Status</i>	integer	A string describing the current status of account validation (OV) (if showStatusDetails = Y) -1 - not applicable 0 - not-completed 1 - completed 2 - in-progress
<i>X_Y_freeDVUPStatus</i>	integer	Status of Free DV Upgrade (if showStatusDetails = Y) -1 - not applicable 0 - not-completed 1 - completed 2 - in-progress
<i>X_Y_evClickThroughStatus</i>	integer	Status of EV ClickThrough Acceptance (if showStatusDetails = Y) -1 - not applicable 0 - not-completed 1 - completed 2 - in-progress

Note: the “X” in most of the above parameters is just a placeholder for an integer; this integer is the “result number” (each “result number” corresponds to a different order) within the entire result set.

The “Y” is also a placeholder for an integer; it is the “item number” within an order (the first item in each order has Y=1).

For example, if “firstResultNo=5” and “lastResultNo=7” in the request (and there are at least 7 results on SASP), you can expect to see the following variable names for “X\_orderNumber” in the response: “5\_orderNumber”, “6\_orderNumber” and “7\_orderNumber”.  
The results are sorted in reverse date order (the “date” being when the order was placed, not the “valid from” date of any certificate within the order).

Here are the possible values for “errorCode” and “errorMessage”:

<b>errorCode</b>	<b>errorMessage</b>
0	Successful
-1	Request was not made over HTTPS!
-2	'xxx' is an unrecognized 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!
-42	Call limit reached! Please try again later