

Version History

- 1.00 Original version.
- 1.01 Changed: renamed “domainName” to “fqdn”.
- 1.02 Changed: Orders will contain multiple items (“_Y” added).
 Added: “X_Y_certificateType” parameter.
 Clarified: Only one of “organizationName”, “fqdn” or “orderNumber” can be specified.
 Clarified: The sorting function applied to the results.
 Clarified: Description of “X_countryName”.
 Clarified: Description of “X_Y_certificateDomain”.
- 1.03 Changed: “X_Y_certificateKeySize” now returns a string instead of an integer.
- 1.04 Added: “X_Y_webserverSoftware” parameter.
 Added: “X_Y_lastStatusChange” parameter.
 Changed: “X_Y_certificate...” parameters renamed to “X_Y_...”.
- 1.05 Added: “showCertificateID” parameter.
 Added: “X_Y_certificateID” response parameter.
 Added: “orderNumber” may contain many order numbers (in a comma-separated list).
- 1.06 Added: “showExtStatus” parameter and “X_validationStatus” response parameter.
- 1.07 Added: “loginName” and “loginPassword” may be used instead of saspSessionID.
- 1.08 Added: “showOldItems” parameter.
 Added: “X_Y_certificateStatus” response parameter.
- 1.09 Added: “certificateID” parameter.
 Added: Note regarding calling this API as “!Tier1WebHostReport”.
- 1.10 Removed: “X_Y_certificateStatus” response parameter (because “X_Y_status” serves the same function).
 Added: “showStatusesOnly” parameter.
- 1.11 Added: “foreignOrderNumber” parameter.
 Added: “X_foreignOrderNumber” response parameter.

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
loginName	string	64 chars	Account Username (case sensitive).
loginPassword	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) Partner-generated 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>showOldItems</i>	char	1 char	If omitted, it's value defaults to N . If this value is set to Y , “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 N . If this value is set to Y , the certificateID of the certificates is included in the response.
<i>showExtStatus</i>	char	1 char	If omitted, its value defaults to N . If this value is set to Y , the extended validation status is also returned.
<i>showStatusesOnly</i>	char	1 char	If omitted, its value defaults to N . If this value is set to Y , 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 1: “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.

Note 2: Only one of “organizationName”, “fqdn”, “orderNumber”, “foreignOrderNumber” or “certificateID” may be specified.

Note 3: However, if required, multiple “orderNumber”, “foreignOrderNumber” or “certificateID” parameters may be specified; all of the comma-separated “orderNumber”, “foreignOrderNumber” or “certificateID” lists will be concatenated together by SASP.

Note 4: When using “certificateID”, it is very likely that you will also want to specify “showOldItems=Y”.

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
errorCode	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	A Partner-generated 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	43 = Trial SSL Certificate 44 = Intranet SSL Certificate 24 = InstantSSL Certificate 34 = InstantSSL Pro Certificate 7 = PremiumSSL Certificate 35 = PremiumSSL Wildcard Certificate 36 = TrustLogo 37 = 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_status</i>	string	A string describing the current status of this Certificate or TrustLogo.
<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_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”.

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”:

errorCode	errorMessage
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!

3. !Tier1WebHostReport

Tier 1 Resellers may call this API as <https://secure.comodo.net/products/!Tier1WebHostReport>. In this scenario, “loginName”/“loginPassword” or “saspSessionID” will be treated as login credentials for the Tier 1 Reseller themselves, but the orders searched for and returned will be those of all of that Tier 1 Reseller’s Tier 2s.