

How pricing and billing works in RRPproxy API 2.0

As a new introduction SSL API 2.0 calculates prices of certificates using up to four different elements of each certificate. They are labeled respectively in the price list using a combination of the products API class and adding base, wildcardbase, san and/or wildcardsan. Thus, class name and billing items are separated. Only class names are used in the API commands for certificate management. Billing items appear on the price list and in accountings.

Each certificate has exactly one base price, labelled "**base**" for certificates with single domains or "**wildcardbase**" for certificates with **at least one wildcard domain**.

That means, at minimum the base price will be charged upon transactions.

Depending on the product, additional single domains are labelled "**san**", additional wildcard domains are labelled "**wildcardsan**".

The final price of a certificate is thus calculated by taking the "base" or "**wildcardbase**" price and adding any additional domains as "**san**" or "**wildcardsan**".

Background for this approach are similar methods used and provided by CAs. By incorporating these methods several products now offer additional SAN capabilities in SSL API 2.0.

Item	Explanation
Base	The basic certificate includes single domains.
Wildcardbase	The basic certificate includes at least 1 wildcarddomain.
San	Additional single domain SAN.
Wildcardsan	Additional wildcard domain SAN.

In API 2.0 a certificate class is always attached to at least 1 price item and can have up to 4 in total.

Calling a class in an order command triggers pricing as described above. At least 1 single or 1 wildcard domain is always included in the -base and -wildcardbase price. Any additional single and/or wildcard domains will be summed up accordingly using prices in -san and -wildcardsan.

Exemplary orders:

- geotrustflexdv plus 3 additional single domain SANs
 - 1 * geotrustflexdv-base + 3 * geotrustflexdv-san
- geotrustflexdv plus 3 additional single domain SANs and 1 wildcard SAN
 - 1 * geotrustflexdv-wildcardbase + 3 * geotrustflexdv-san
- geotrustflexdv plus 53 additional single domain SANs and 21 wildcard SANs
 - 1 * geotrustflexdv-wildcardbase + 53 * geotrustflexdv-san + 21 * geotrustflexdv-wildcardsan

Price Mapping of SSL price names in old and new API 2.0 SSL integration

Due to the differences in legacy and new API 2.0 SSL, new classes were introduced that match old classes. Please see below for a mapping of the legacy and new classes, including the newly introduced price items.

Notes:

- The product QuickSSL Premium is renamed to GeoTrust Flex DV, following the new product naming provided by DigiCert.
- Sectigo MultiDomain DV is a new introduction, previously not available in the legacy implementation.

DigiCert

New Product name	Old API price item & class	New API 2.0 class	New API 2.0 price items	Note
GeoTrust Flex DV	quicksslpremium	geotrustflexdv	geotrustflexdv-base	Product renamed from QuickSSL Premium to GeoTrust Flex DV
			geotrustflexdv-san	
			geotrustflexdv-wildcardbase	new feature
			geotrustflexdv-wildcardsan	new feature
GeoTrust TrueBusiness ID EV	truebizidev	geotrusttruebizidev	geotrusttruebizidev-base	
			geotrusttruebizidev-san	
GeoTrust TrueBusiness ID OV	truebizid	geotrusttruebizidov	geotrusttruebizidov-base	
			geotrusttruebizidov-san	
	truebizidwc		geotrusttruebizidov-wildcardbase	new feature
			geotrusttruebizidov-wildcardsan	new feature
RapidSSL DV	rapidssl	rapidssldv	rapidssldv-base	
	rapidsslwc		rapidssldv-wildcardbase	
SecureSite Flex EV	securesiteev	securesiteflexev	securesiteflexev-base	
			securesiteflexev-san	
SecureSite Flex OV	securesite	securesiteflexov	securesiteflexov-base	
			securesiteflexov-san	
			securesiteflexov-wildcardbase	new feature

			securesiteflexov-wildcardsan	new feature
SecureSite Pro EV	securesiteproev	securesiteproev	securesiteproev-base	
			securesiteproev-san	
SecureSite Pro OV	securesitepro	securesiteproof	securesiteproof-base	
			securesiteproof-san	
			securesiteproof-wildcardbase	new feature
			securesiteproof-wildcardsan	new feature
SSL123 DV	ssl123	ssl123dv	ssl123dv-base	
			ssl123dv-san	new feature
			ssl123dv-wildcardbase	new feature
			ssl123dv-wildcardsan	new feature
Webserver EV	sslwebserverev	webserverev	webserverev-base	
			webserverev-san	
Webserver OV	sslwebserver	webserverov	webserverov-base	
			webserverov-san	
	sslwebserverwc		webserverov-wildcardbase	new feature
			webserverov-wildcardsan	new feature

Sectigo

New Product name	Old API price item & class	New API 2.0 class	New API 2.0 price items	Note
InstantSSL OV	instantssl	instantsslov	instantsslov-base	
			instantsslov-wildcardbase	new feature
MultiDomain OV	multidomainov	multidomainov	multidomainov-base	
			multidomainov-wildcardbase	new feature
			multidomainov-san	
			multidomainov-wildcardsan	new feature
MultiDomain EV	multidomainev	multidomainev	multidomainev-base	
			multidomainev-san	
PositiveSSL DV	positivessl	positivessldv	positivessldv-base	
	positivewildcardssl		positivessldv-wildcardbase	
PositiveSSL MultiDomain DV	N/A	multidomaindv	multidomaindv-base	New Product: Sectigo PositiveSSL MultiDomain DV
			multidomaindv-wildcardbase	
			multidomaindv-san	
			multidomaindv-wildcardsan	
PremiumSSL OV	premiumssl	premiumov	premiumov-base	
SingleDomain EV	extendedvalidatedssl	singledomainev	singledomainev-base	
Unified Communications DV	unifiedcommunicationsdv	unifiedcommunicationsdv	unifiedcommunicationsdv-base	
			unifiedcommunicationsdv-wildcardbase	new feature

			unifiedcommunicationsdv-san	
			unifiedcommunicationsdv-wildcardsan	new feature
Unified Communications OV	unifiedcommunicationsov	unifiedcommunicationsov	unifiedcommunicationsov-base	
			unifiedcommunicationsov-wildcardbase	new feature
			unifiedcommunicationsov-san	
			unifiedcommunicationsov-wildcardsan	new feature