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Parallels Business Automation Standard Plug-in

Automating SSL Provisioning in PBA Standard

TECHNICAL RESOURCES

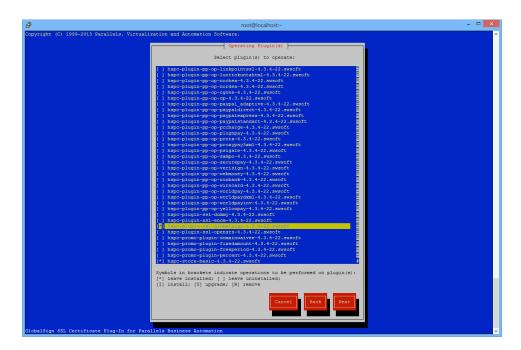


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INSTALLING THE PLUG-IN

- 1. Log in to your PBA-S server using SSH and your 'root' user.
- 2. Run PBA-S installer ./install.sh and select the GlobalSign plug-in in the list of available plugins.



Alternatively, you can install rpm from the distribution and run the upgrade manager:

```
rpm -Uhv pbas-4.3.4-22/packages/hspc-plugin-ssl-globalsign-4.3.4-
22.swsoft.i386.rpm
```

hspc-upgrade-manager --finish

UNINSTALLING THE PBA-S PLUG-IN

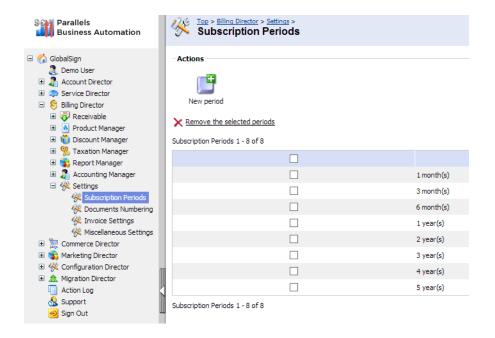
To remove the plug-in from your server, execute the following command via the SSH console of your server:

```
rpm -e hspc-plugin-ssl-globalsign-4.3.2-08.swsoft.i386
```

CONFIGURATING THE PLUG-IN

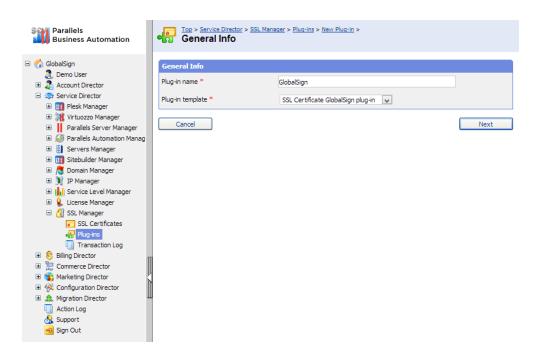
Use your browser to login as 'root' into your PBA-S control panel and follow these steps:

- 1. Navigate to 'Billing Director' > 'Settings' > 'Subscription Periods'.
- 2. Click 'New Period' to add a subscription period for 1, 2, 3, 4 and 5 years.



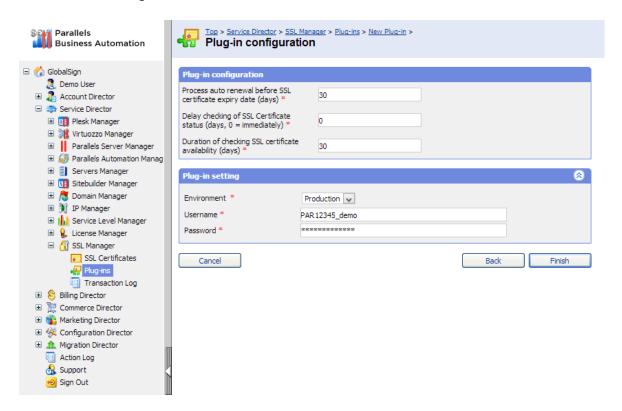
Next, you will need to add the plug-in to the SSL manager:

- 1. Go to 'Service Director' > 'SSL Manager' > 'Plug-ins'.
- 2. Click on 'New Plug-in' to add the GlobalSign plug-in.
- 3. In 'Plug-in Name' field type something like 'GlobalSign'.
- 4. Select the 'SSL Certificate GlobalSign plug-in'.
- 5. Click 'Next'



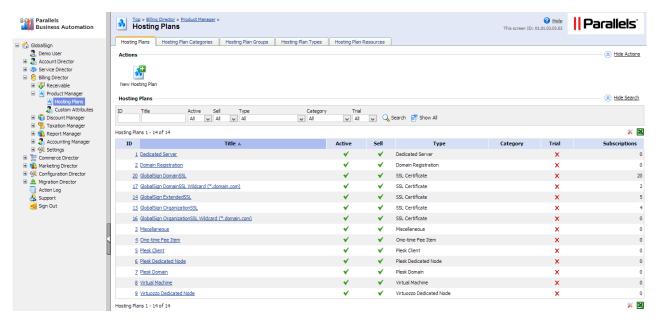
In the following screen, you will need to provide your GlobalSign API account information. Please make sure you have whitelisted the IP number of this server in your GlobalSign account before you start using the plug-in.

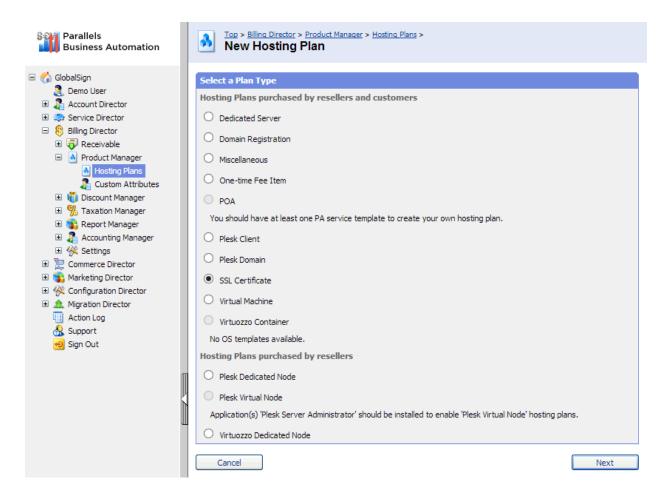
If you would like to test the plug-in before taking it into production you can select 'Testing' in the 'Environment' setting.



Before you can use the plug-in you need to create an SSL Certificate Hosting Plan. In Parallels Business Automation, SSL Certificates are created as a 'Hosting Plan' instead of a product.

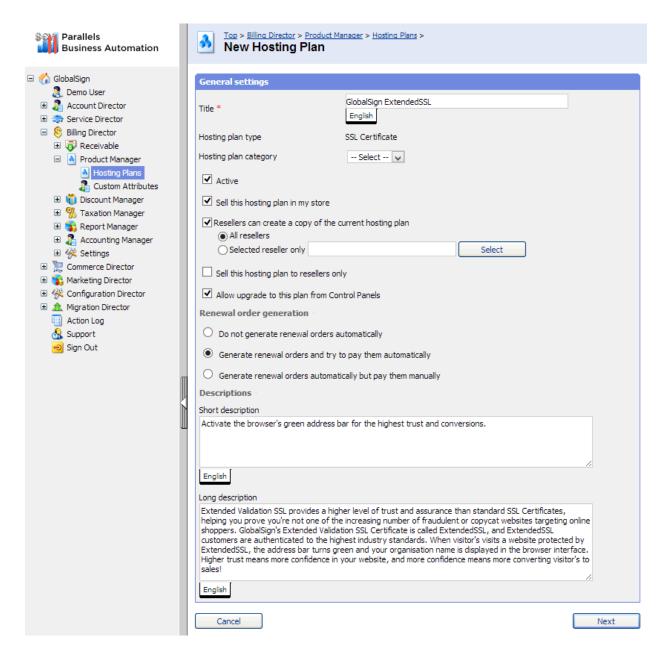
- 1. Go to 'Billing Director' > ' Product Manager' > 'Hosting Plans'.
- 2. Click on 'New Hosting Plan' to add a GlobalSign SSL Certificate.
- 3. When requested to select a 'Plan Type' select 'SSL Certificate'.



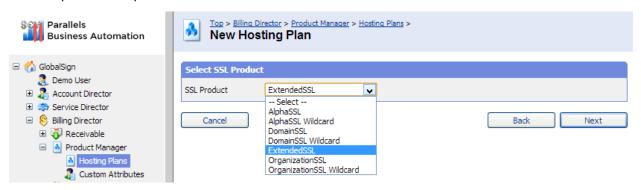


4. You can give your SSL Certificate a name, for example 'GlobalSign ExtendedSSL' for a GlobalSign Extended Validation SSL Certificate. By providing a short and long description (which you can copy from the product pages on the GlobalSign website), you can give some useful details about the product to your customers.

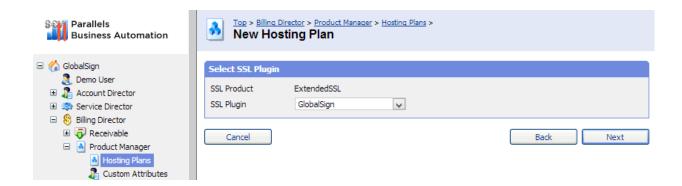
Don't forget to select 'Active' to activate the product before you click 'Next'.



5. In the list of available products, select the one for which you created a hosting plan in the previous step.



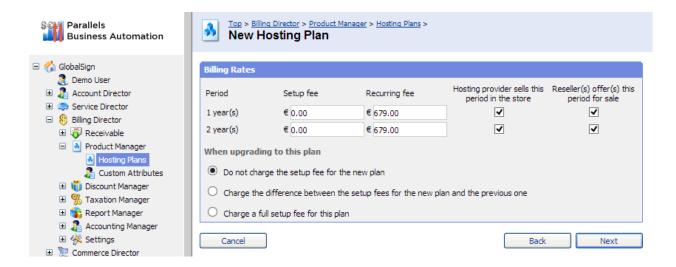
Select the plug-in to be used to order this SSL Certificate. You could have multiple plug-in definitions for GlobalSign. They could be using different account information or production versus test systems.



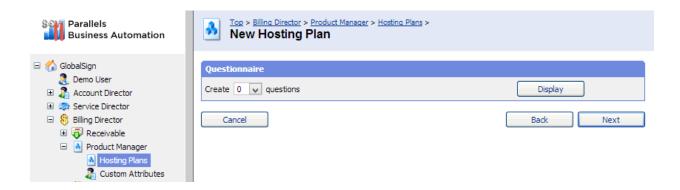
7. Select whether you want to enable CSR generation by PBA-S or if you require all users to upload their own CSR.



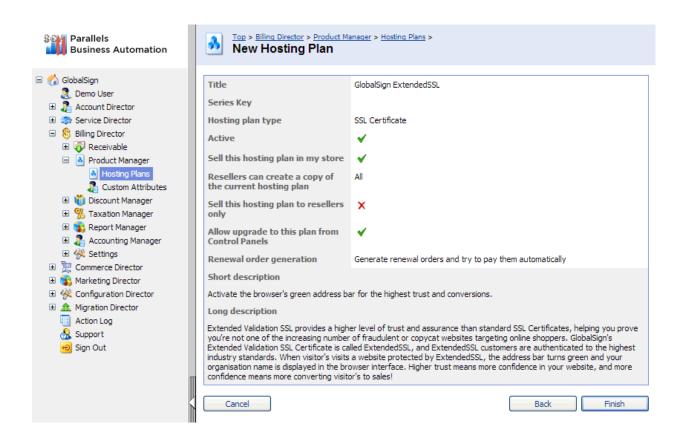
8. Set your product pricing and enable the new plan in your store as well as the reseller store.



9. You may choose to add a questionnaire.



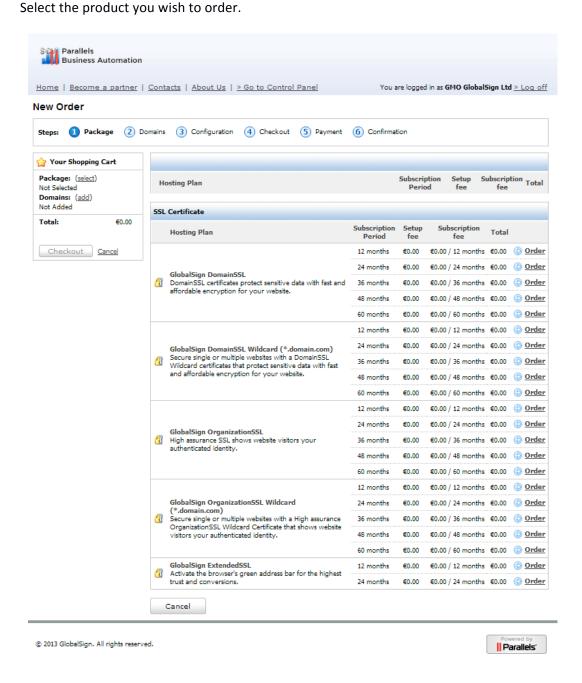
10. Verify if your product specifications are as expected and that your product is checked as "Active".



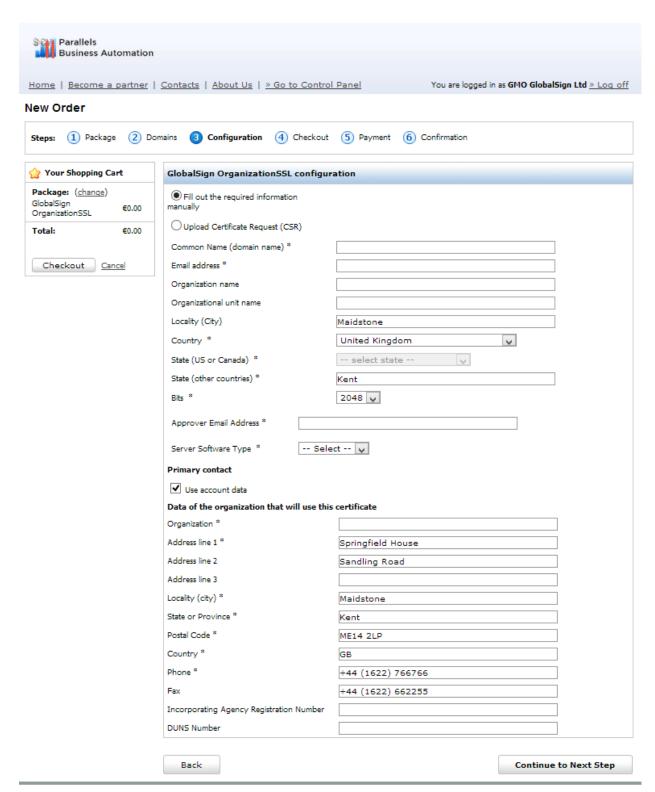
Please repeat these steps for all the products that you wish to offer in your store.

ORDERING AN SSL CERTIFICATE

To order an SSL Certificate, go to your Parallels Business Automation store and click 'SSL Certificate'.



You can let the server create your Certificate Signing Request (CSR) or upload your own. For an OrganizationSSL Certificate, you will need to provide additional organization details, which will be validated and included in the certificate. This information is not requested for Domain Validated SSL Certificates.



The 'Email address' and 'Server Software Type' are not used by GlobalSign but are mandatory in a PBA-S environment. You can remove these questions by making a copy of the file

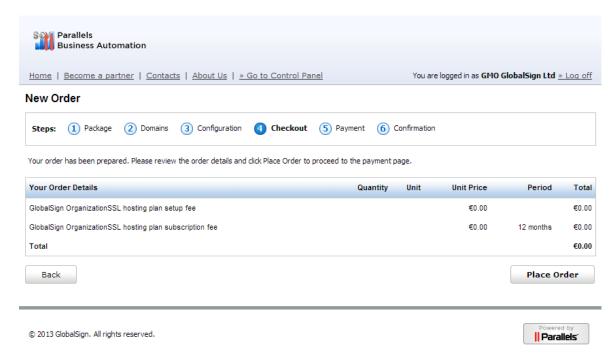
'/var/opt/hspc-root/template/HSPC/SSL/base_ssl_csr.tmpl'

to

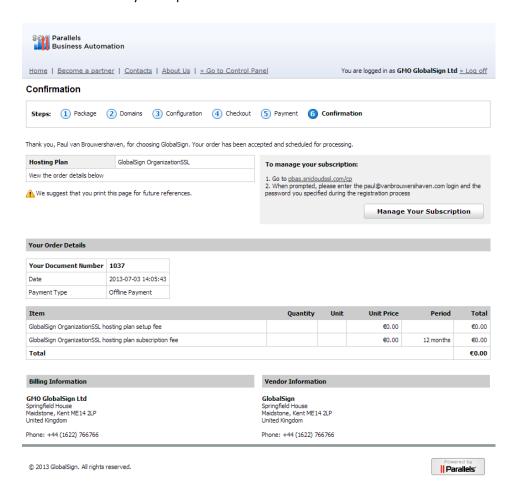
'/var/opt/hspc-root/custom/template/HSPC/SSL/base_ssl_csr.tmpl'

and removing the options. These options should be configurable in upcoming versions of PBA-S.

Review your order and continue to the payment.



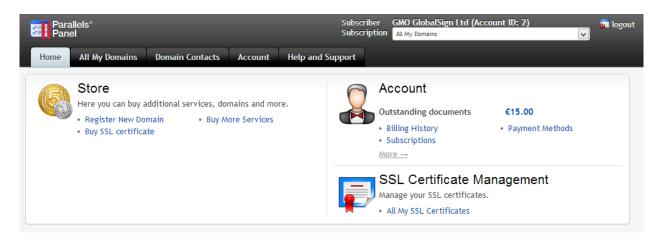
Your order has now successfully been placed.



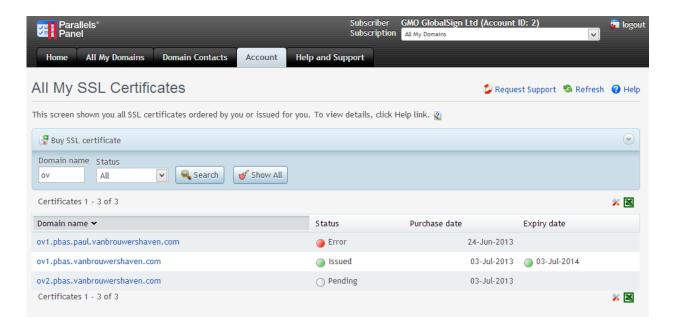
REVIEWING YOUR SSL CERTIFICATE HISTORY

AS A CUSTOMER

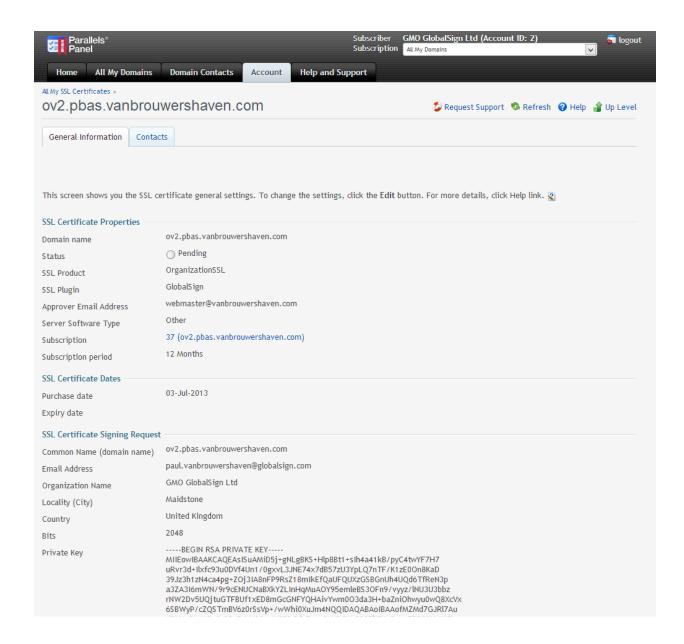
Click on 'All my SSL Certificates' under 'SSL Certificate Management'.



Search for your SSL Certificate by entering the Common Name (CN) of the certificate in the 'Domain name' field or select the expected status (for example 'Pending') of your certificate.

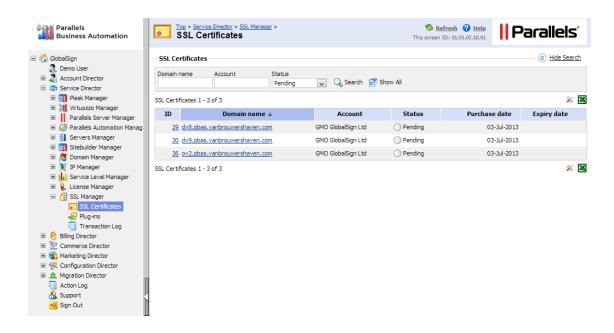


Click on the Common Name (listed as **'Domain name'** in this overview) to view your SSL Certificate details.



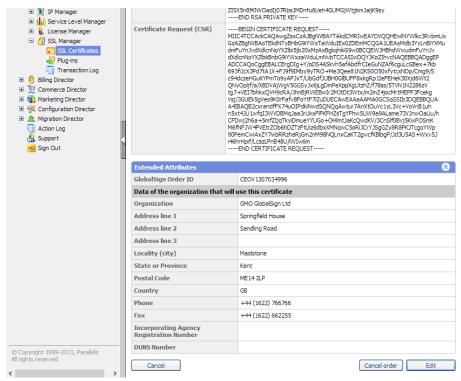
AS AN ADMINISTRATOR

You can search for all SSL Certificates and applications in 'Service Director' > 'SSL Certificates'.



You can cancel the order by clicking on 'Cancel Order' in the bottom right corner, clicking on 'Cancel' on the left will bring you back to the search results.

If you have any questions regarding this order you will be asked for the 'GlobalSign Order ID' that can be found under the 'Extended Attributes'.



You can find the contacts associated with this order under 'Contacts'. Editing these contacts will not impact the order until cancelled and reordered.



GETTING HELP

Every GlobalSign customer has a dedicated Account Manager who is on hand to help with any questions you may have regarding the Parallels plug-in. You can also browse the GlobalSign support pages and user guides for specific guidance.

SUBMIT A SUPPORT TICKET

If you cannot find the answer to your question in our Knowledge Base, please submit your question via our Support Ticket Request Form: https://www.globalsign.com/help/. GlobalSign also provides technical support through our Client Service departments around the world.

ABOUT GLOBALSIGN

GlobalSign was one of the first Certification Authorities and has been providing digital credentialing services since 1996. It operates multilingual sales and technical support offices in London, Brussels, Boston, Tokyo and Shanghai.

GlobalSign has a rich history of investors, including ING Bank and Vodafone. Now part of a GMO Internet Inc. group company - a public company quoted on the prestigious Tokyo Stock Exchange (TSE: 9449) whose shareholders include Yahoo! Japan, Morgan Stanley and Credit Suisse First Boston.

As a leader in public trust services, GlobalSign Certificates are trusted by all popular Browsers, Operating Systems, Devices & Applications and include SSL, Code Signing, Document Signing, Email & Authentication, Enterprise Digital Solutions, Internal PKI and Microsoft Certificate Service Root Signing. Its trusted Root Certificates are recognized by all operating systems, all major web browsers, web servers, email clients and Internet applications; as well as all mobile devices.

Accredited to the highest standards

As a WebTrust accredited public Certificate Authority, our core solutions allow our thousands of enterprise customers to conduct secure online transactions and data submission and provide tamper-proof distributable code as well as being able to bind identities to Digital Certificates for S/MIME email encryption and remote two factor authentication, such as SSL VPNs.

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