# Upload SSL certificate for existing APP Service

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### Overview

Platform:	Azure
Owner of this SOP:	Fully Managed POD A
Cloud Services:	Azure APP Service

## Problem

• When Service request from application team to upload new SSL certificate for an existing application.

Verify the SNOW request for below points:

- · Certificate should be attached by the user in SR along with application name, app service
- Certificate should be attached by user in .pfx format
- If user hasn't provided the password for certificate proactively, drop an email to user for the password. This password would be used while importing the certificate in Key Vault.

tester	Reviewer
@ Suresh Potlapalli (Deactivated)	

#### **Process**

#### Raise a Normal Change Request

Please open a Normal change request and get it approved before executing the SSL upload activity.

Please go to page 20 of the below Change Control document:

Service Management: As-Is Change Management (ServiceNow)

Please select the respective team assignment group when raising a change request in Service Now create a separate CTASK's for each team to perform the activities.

- 1. CTASK for Cloud Network Hub Connectivity Azure team to upload SSL certificate on APP Gateway
- 2. CTASK for Cloud Factory Fully Managed POD A Team to upload SSL certificate for Azure App service
- 3. CTASK for Application team to validate the application after the new cert is uploaded.

#### Note

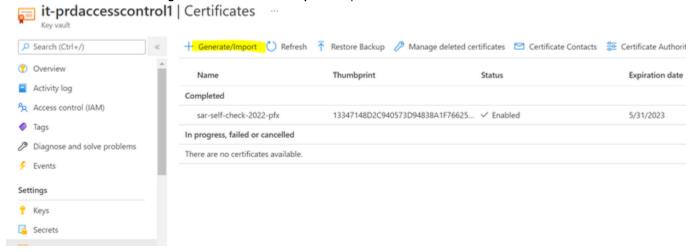


This process is valid for PaaS Object only. For certs that live inside a VM, the app team should manage themselves. Suggested to create their own change record and create a Ctask for the Cloud Net team to update the App Gateway in support of that change.

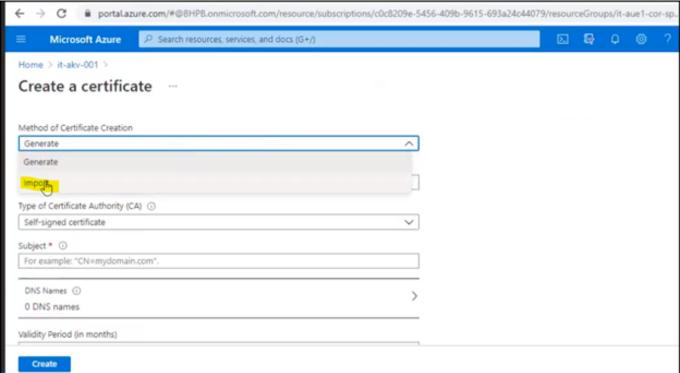
### Solution

Steps for SSL certificate upload to App service

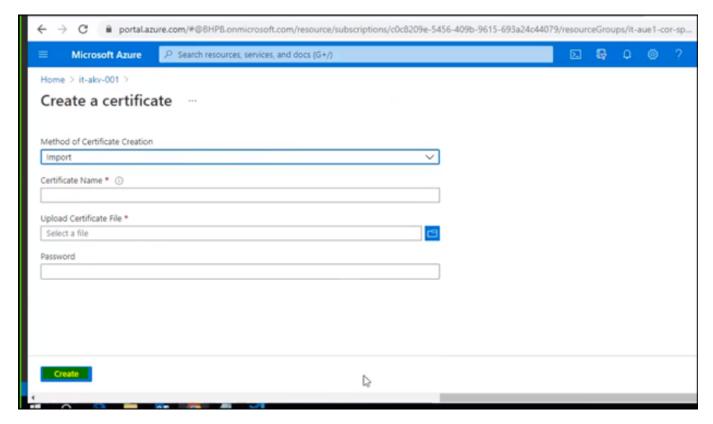
- Go to Azure portal and open Key vault in the requested subscription.
- Go to Certificates under Settings and click on Generate/Import to import the certificate.



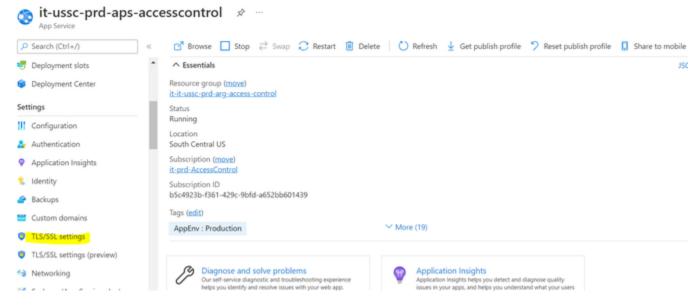
· Select Import from the drop-down menu.



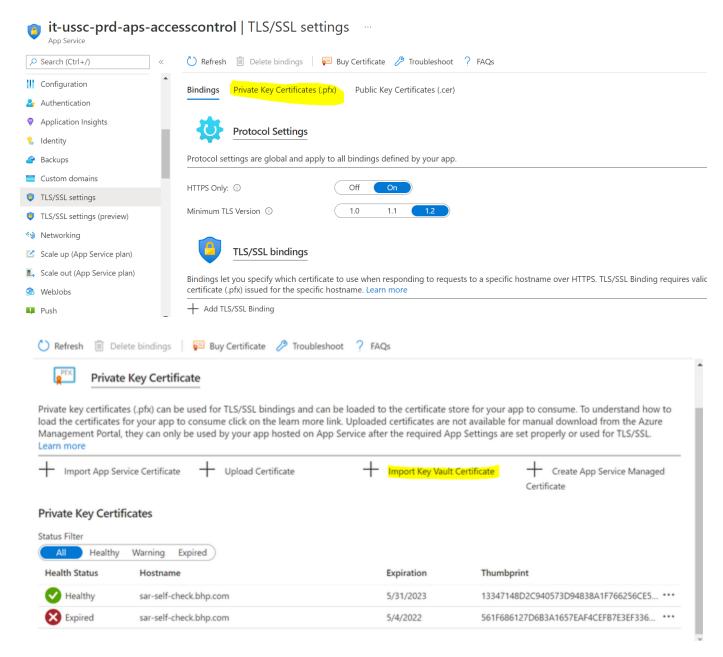
- Fill in the certificate name
- Browse .pfx file from your local computer and type in the password shared by the user for certificate.
- Then click on Create and certificate will be imported in the Key Vault.



• Now Go to Azure App Service and go to TLS/SSL settings blade,.



• Select private key certificates and then select Import Azure Key Vault certificate

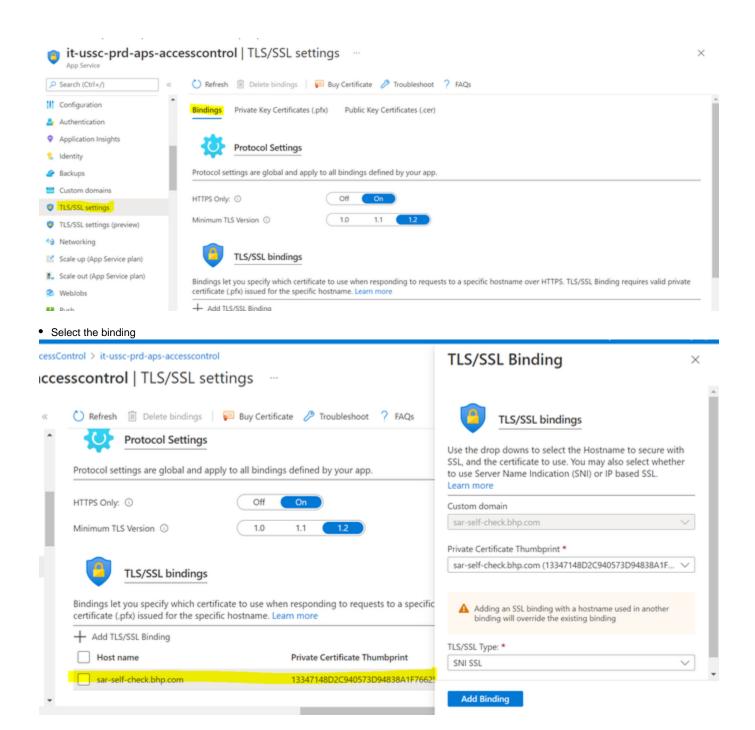


Now select the Key vault and new certificate uploaded to the key vault and click on select.

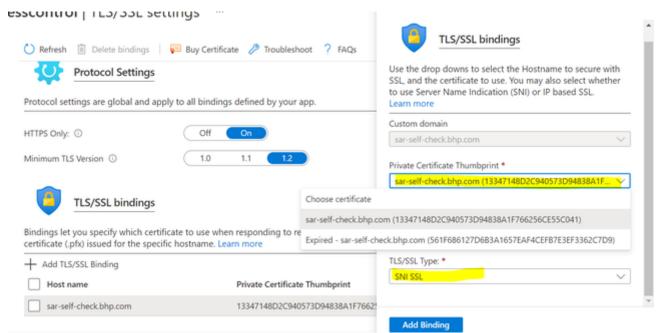
# 



- The recently uploaded certificate should be displayed on the list.
- Go to bindings blade from TLS/SSL settings



Select the new uploaded certificate thumbprint and make sure TLS/SSL type is SNI SSL.



• After make the changes inform to Application team to validate the application functionality.