

BUG 142707 – DEPLOYMENT CONFIGURATION



Customer name	National Grid Smart Ltd
Case ID	G1914033-C
Title	S4 Messages are failing to send to Morrisons with the error
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Date	2018-06-26
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This document includes the steps to follow on configuring media archiving for Microsoft azure blob storage. Due to the bug correction 142707, standard configuration procedures documented in following location [>>](#) are changed. So, only the Following guideline should follow, after applying the bug correction 142707.

Configuration contains following steps;

1. Deploy patch 142707
2. Find and enter framework wallet path
3. Import azure certificates to framework wallet
4. Flush session pool

1. DEPLOY PATCH 142707

Deploy the patch to customer environment using standard procedures. This patch includes only a single PLSQL file.

2. FIND AND ENTER FRAMEWORK WALLET PATH

After applying this patch, media archive azure storage should use the wallet path used by framework. This framework wallet path can be found by executing following SQL statement.

```
select * from plsclap_environment_tab where name = 'SSL_WALLET_PATH'
```

	NAME	VALUE
1	SSL_WALLET_PATH	file:D:\ifs\Tools\ssl_wallet

After locating the wallet path, it should be entered under media archive settings.

For that, go to **Media Archive** window and search for Azure Storage actives. Enter file path found from above query to **Azure Wallet Path** field without **file:** prefix.

Clear the **Azure Wallet Password** if there is any value in it.

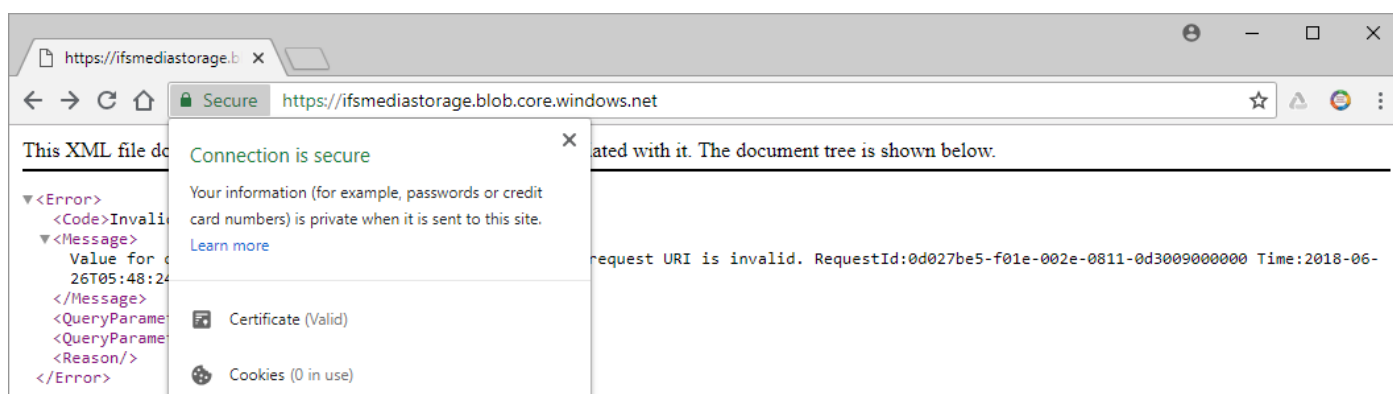
Media Archives

Archive No.	Archive Method	Archive Location	Azure Account Name	Azure Container Name	Azure Account Key	Azure Wallet Path	Azure Wallet Password	No. of Images Archived	Active
782	Azure Storage	http://ifsmediastorage.blob.core.windows.net	ifsmediastorage	prodstorage	3L2QEDCE/EX04Q1xVs+VVKMjzNS1Htn2M9...	D:\ifs\Tools\ssl_wallet		0	<input checked="" type="checkbox"/>

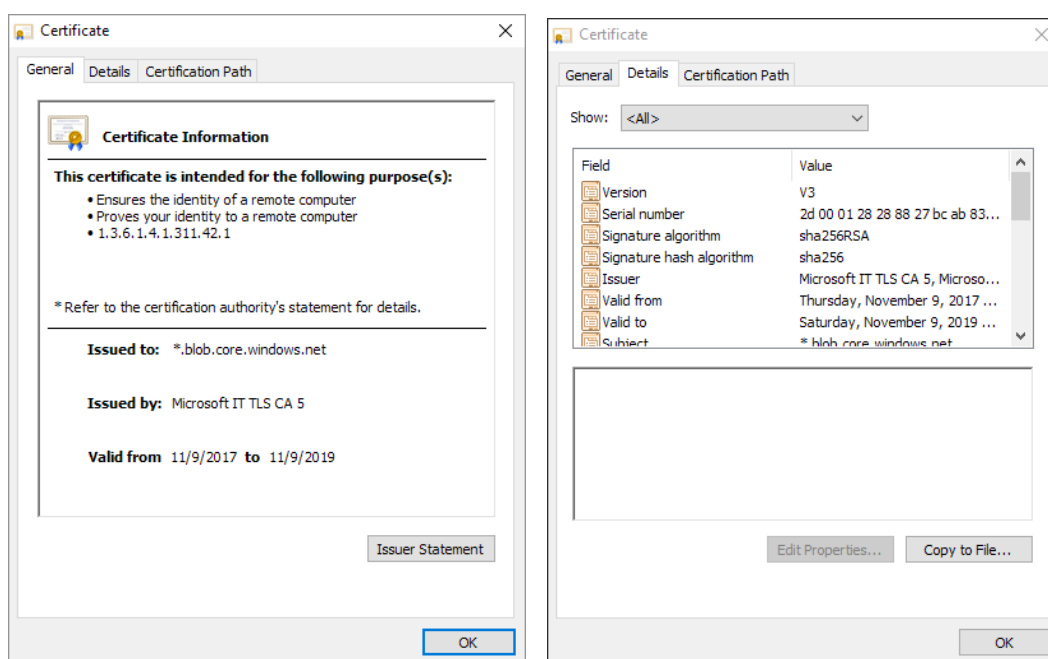
3. IMPORT AZURE CERTIFICATES TO FRAMEWORK WALLET

Existing SSL certificates for Azure blob storage should be added to framework wallet. First download the certificate for your archive location using a web browser. In this example URL is <https://ifsmediastorage.blob.core.windows.net/> (Certificate for the blob.core.windows.net domain is same for any account irrespective of sub domain - ifsmediastorage)

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Click on padlock icon and open the certificate using certificate link in pop up dialog.



Go to details tab and use copy to file option to save the certificate to local machine. Exported file will be saved with .cer extension like follow.

Name	Date modified	Type	Size
blob.core.windows.net.cer	6/25/2018 1:40 PM	Security Certificate	2 KB

Now go to server where framework wallet is setup and copy the downloaded certificate to a folder in the server. Using ORAPKI tool import the downloaded tool certificate to framework wallet.

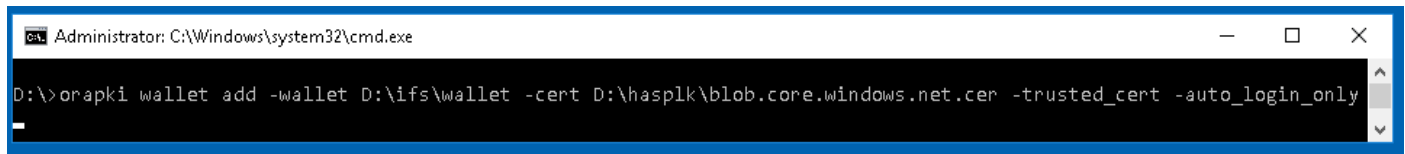
(You **cannot** use oracle wallet manager GUI tool (as mentioned in documentation) to add certificate because it requires a password to save a wallet. But framework wallet doesn't require a password.)

To add a certificate to the wallet, use following command syntax;

```
orapki wallet add -wallet <wallet_location> -cert <certificate_file> -trusted_cert -auto_login_only
```

here the `<wallet_location>` is location where wallet is stored.

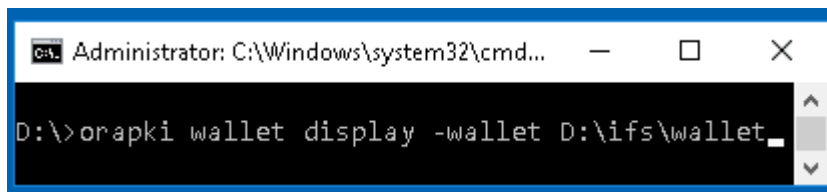
`<certificate_file>` is path to *.cer file you downloaded including file name and extension.



```
Administrator: C:\Windows\system32\cmd.exe
D:\>orapki wallet add -wallet D:\ifs\wallet -cert D:\hasplk\blob.core.windows.net.cer -trusted_cert -auto_login_only
```

Once the certificate is added, you can verify the wallet certificates using following syntax;

`orapki wallet display -wallet <wallet_location>`



```
Administrator: C:\Windows\system32\cmd...
D:\>orapki wallet display -wallet D:\ifs\wallet.
```

Once certificates are added to the wallet you can verify the connection to azure using **Test Archive** RMB option in media archives window.

4. FLUSH SESSION POOL

Media archiving will work without any further configurations and modifications. However, any sessions that are already initialized might have use the old wallet path. In such case application messages processing might be failed as before. So, it is recommended to flush session pool or preferably restart the application server.