

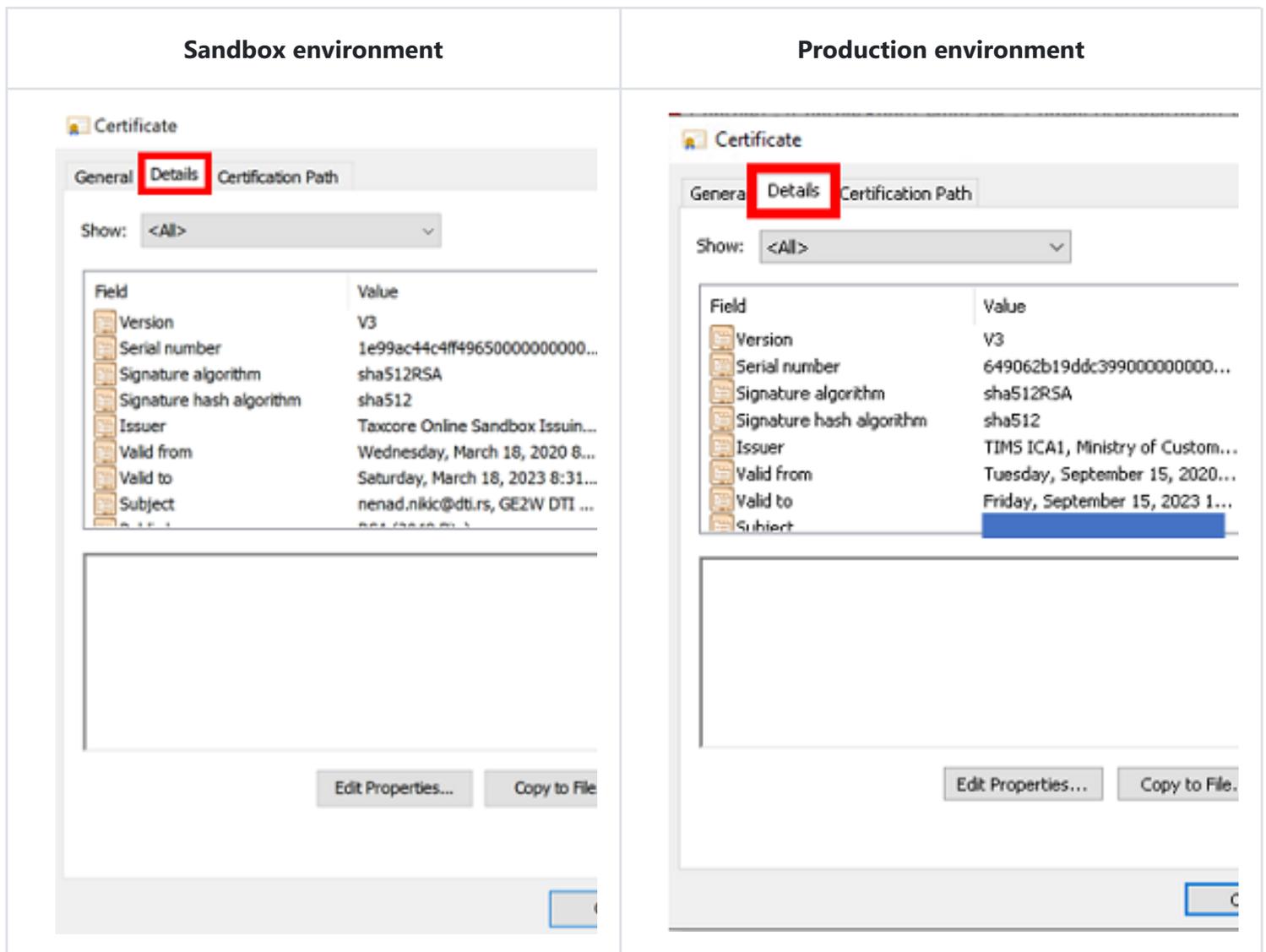
Obtaining RCA and ICA Certificates From a PFX Certificate

After you complete the process of EFD vendor registration in the Sandbox environment, you will receive a Developer Authentication Certificate (PFX file) for logging into the [Developer Portal](#).

Also, taxpayers operating in the Production environment will use PFX files as additional certificates for issuing invoices.

If you wish to obtain the RCA and ICA certificates which were used to issue a PFX certificate, follow these steps:

1. Open the PFX certificate (check the [installation instructions](#) if you need a reminder of where you installed the certificate) and click on the **Details** tab.

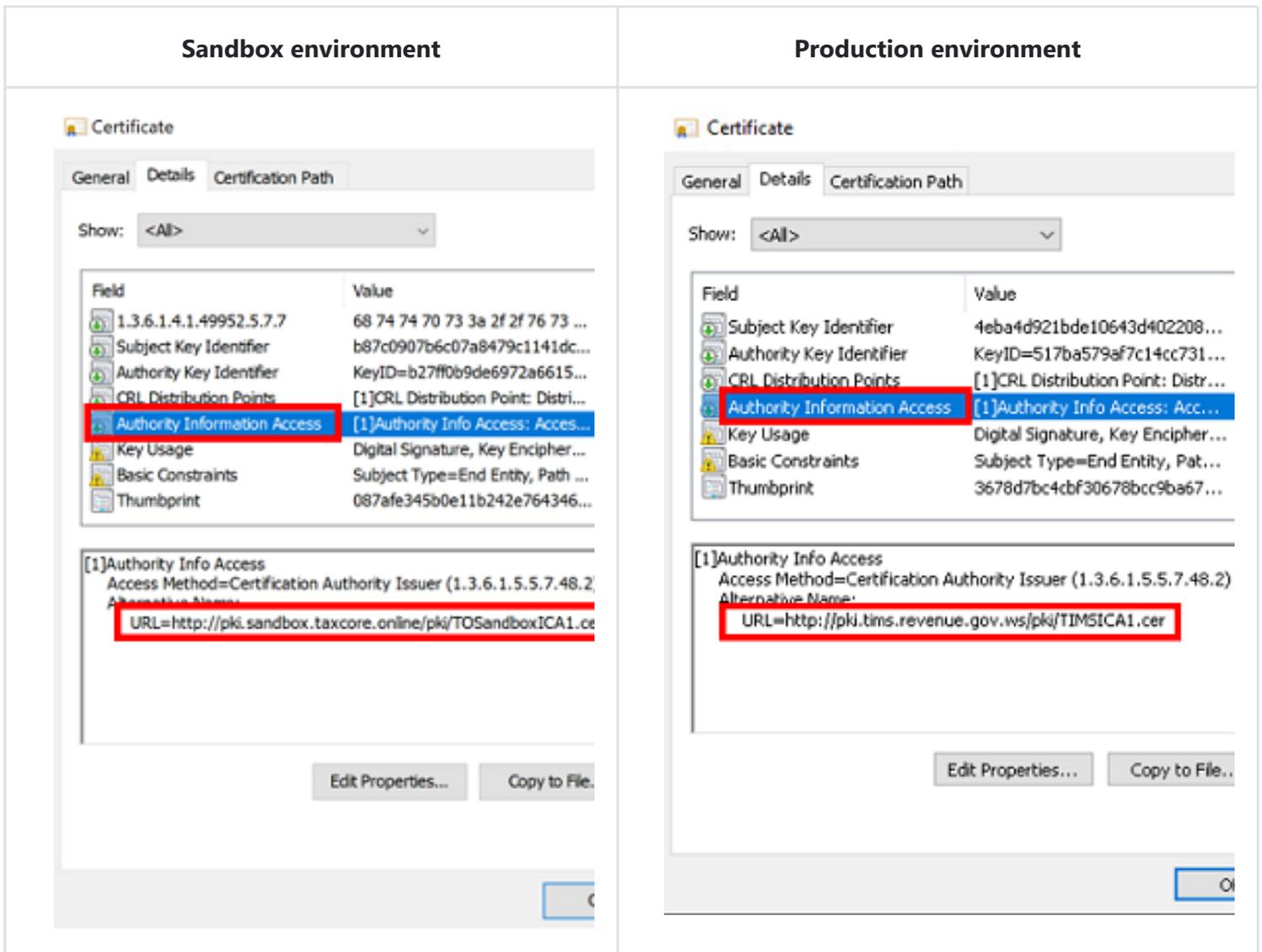


Obtaining RCA and ICA Certificates From A PFX Certificate – Image showing the Details tab of the PFX certificate

NOTE: All the images in this article display TIMS as the name of the certificate authority. This is used only as an example.

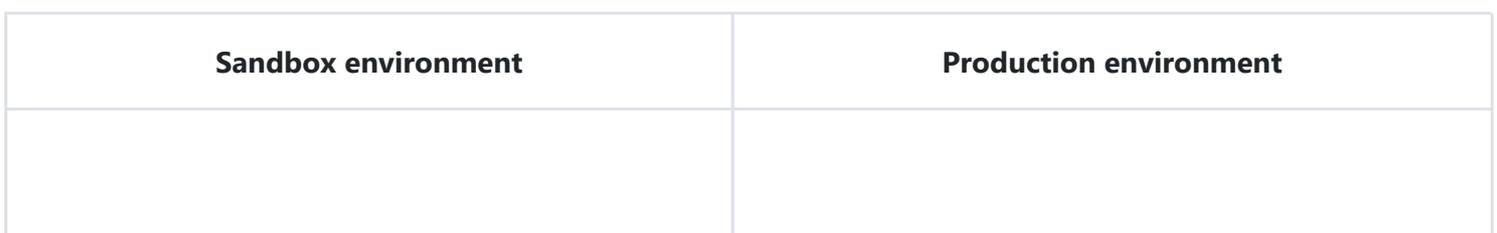
Every jurisdiction will have a different certificate authority name.

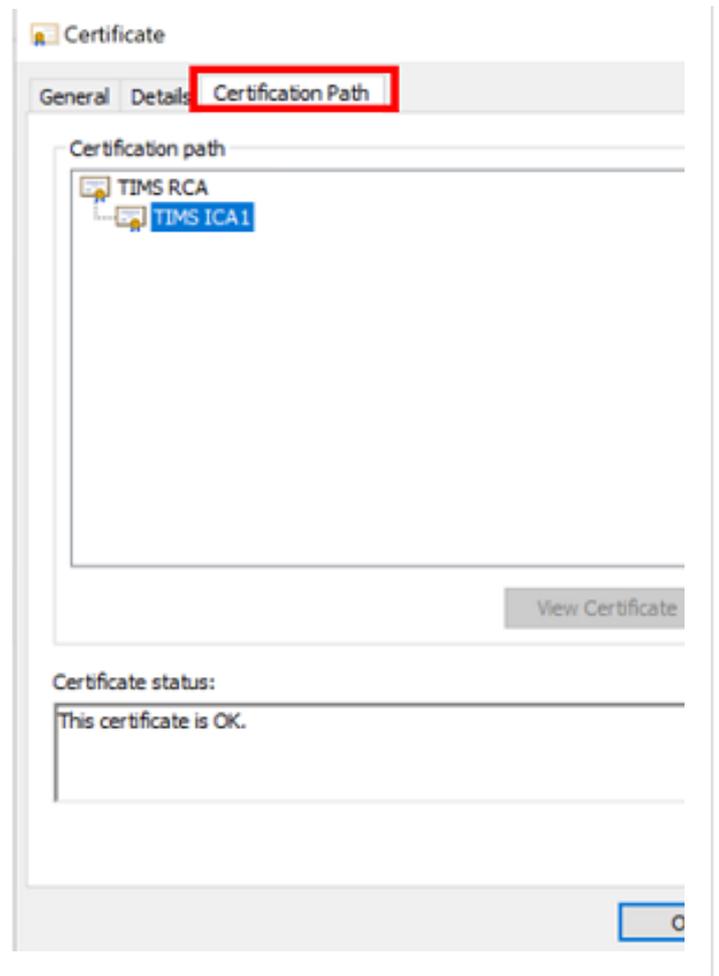
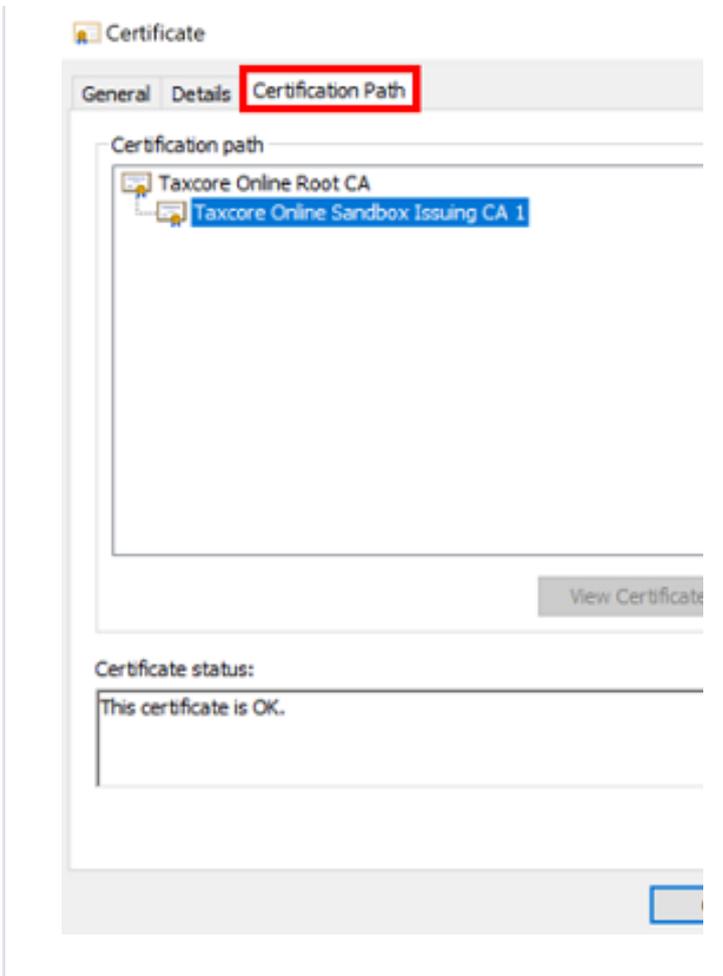
2. Scroll down and click on **Authority Information Access**. The text box below will display the URL for downloading the ICA certificate which signed the PFX certificate.



Obtaining RCA and ICA Certificates From A PFX Certificate – Image showing the Authority Information Access of the details tab in the Certificate section

3. Download and install the ICA certificate according to the [instructions](#).
4. After you download the ICA certificate, you can check its status by opening it and clicking on **Certification Path**. It will be displayed hierarchically under the RCA certificate which signed that ICA certificate.

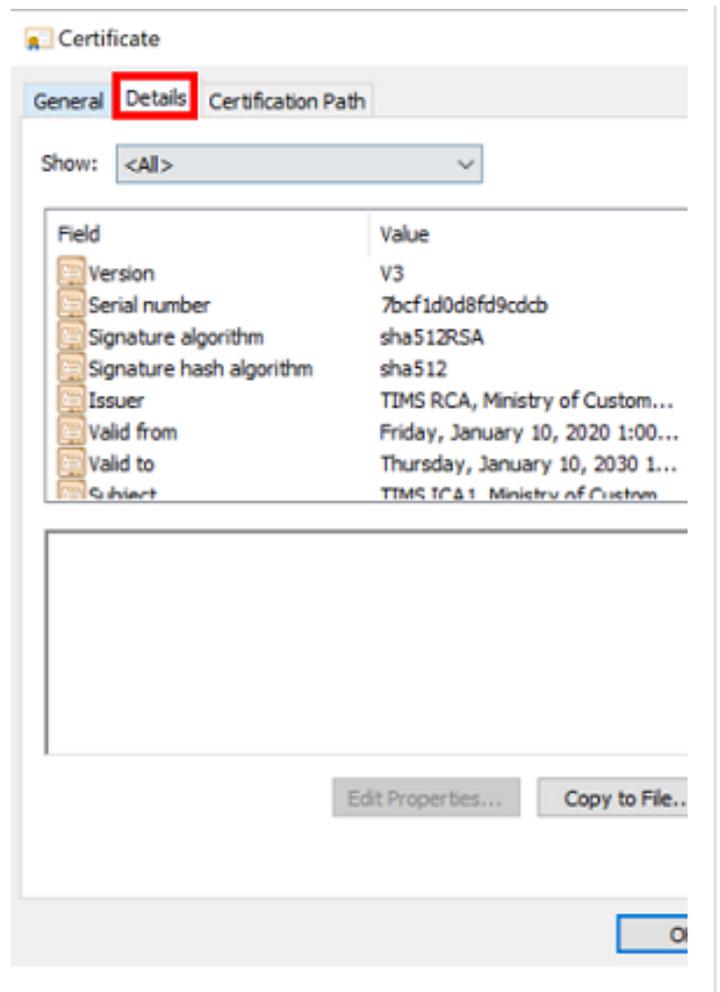
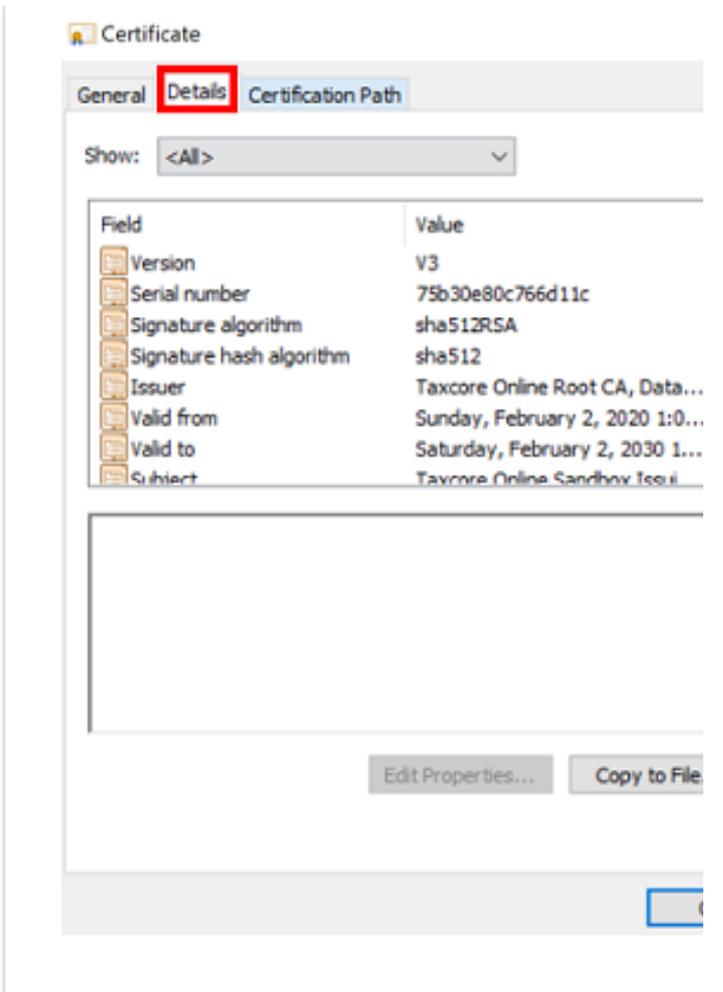




Obtaining RCA and ICA Certificates From A PFX Certificate – Image showing the Certification Path tab of the PFX certificate

5. To download that RCA certificate, open the ICA certificate and click on **Details**.

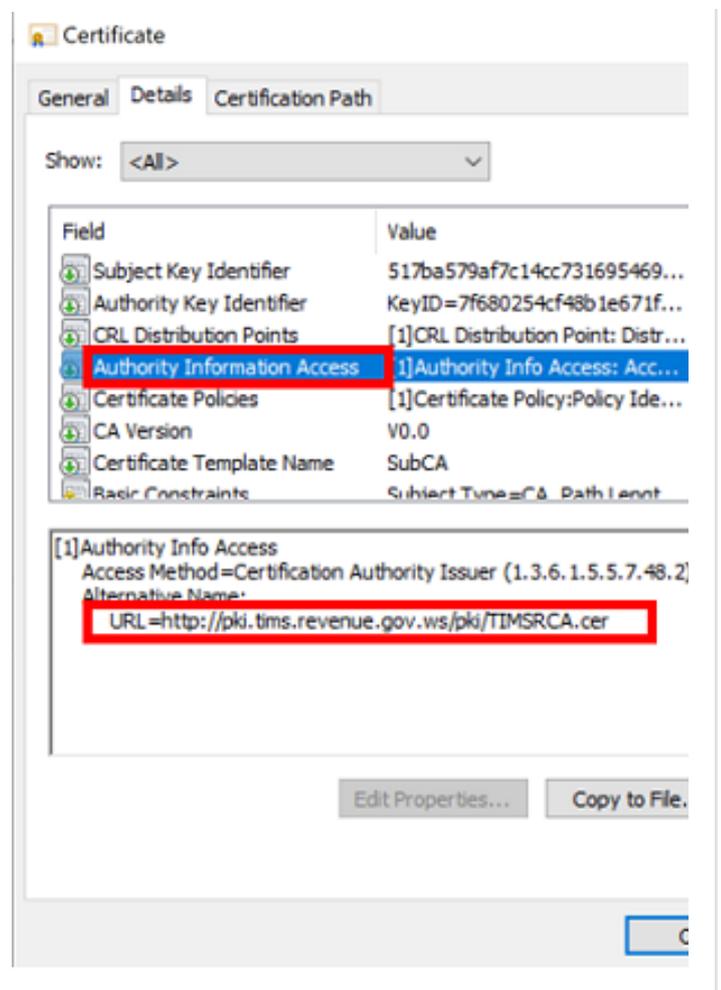
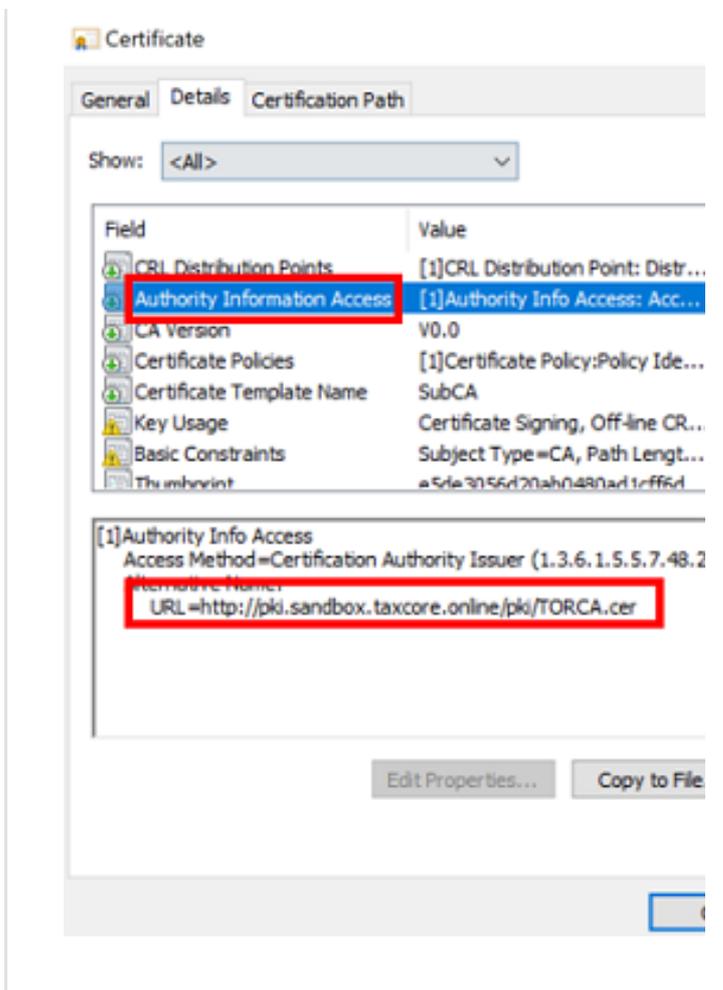
Sandbox environment	Production environment



Obtaining RCA and ICA Certificates From A PFX Certificate – Image showing the Details tab of the PFX certificate

- Again, scroll down and click on **Authority Information Access**. The text box below will display the URL for downloading the RCA certificate which signed this ICA certificate.

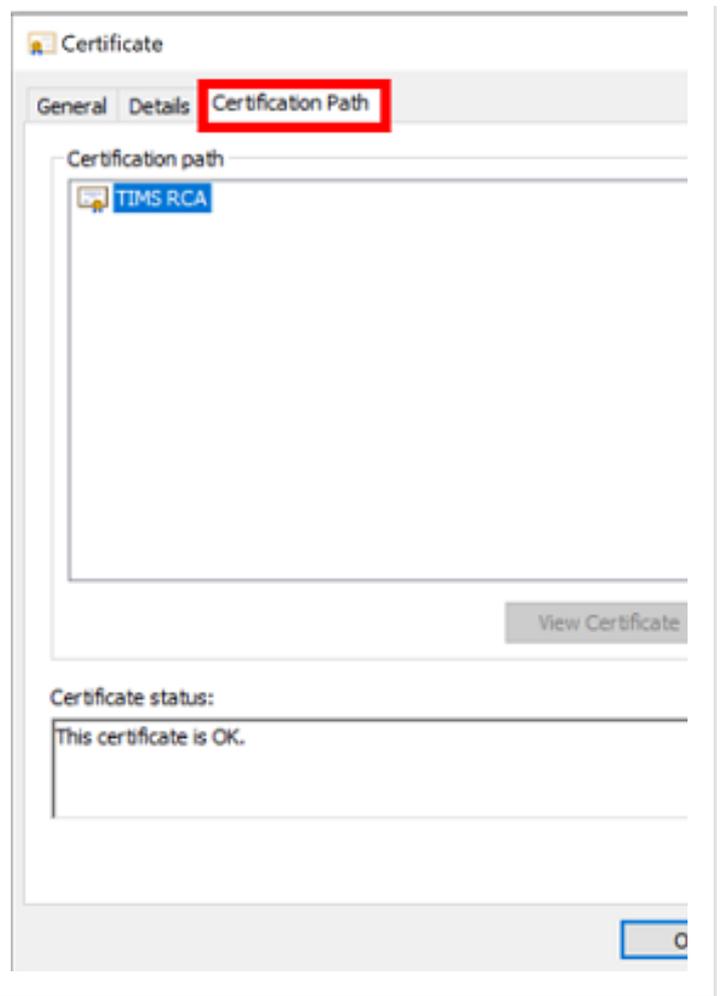
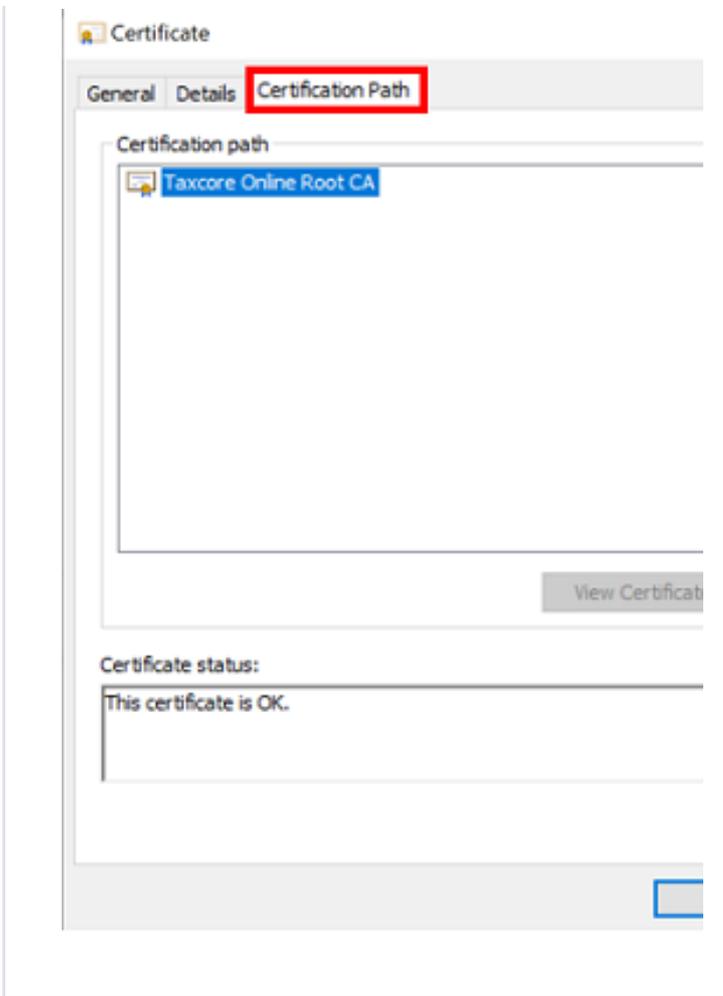
Sandbox environment	Production environment



Obtaining RCA and ICA Certificates From A PFX Certificate – Image showing the Authority Information Access of the details tab in the Certificate section

7. Use this URL to download and install the RCA certificate according to the [instructions](#).
8. After you download the RCA certificate, you can check its status by opening it and clicking on **Certification Path**. It will be the only certificate displayed because it is self-signed.

Sandbox environment	Production environment



Obtaining RCA and ICA Certificates From A PFX Certificate – Image showing the Certification Path tab of the PFX certificate