

# Signing APPX files with SignTool

Signing APPX Files is possible: [https://msdn.microsoft.com/en-us/library/windows/desktop/jj835835\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/desktop/jj835835(v=vs.85).aspx)

This is almost exactly like any Authenticode signing. As you can see the commands are exactly the same. However, there is a difference. The appxManifest.xml file must specify the exact Common name of the signing certificate.

The screenshot shows a web browser window with the URL [https://msdn.microsoft.com/en-us/library/windows/desktop/jj835835\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/desktop/jj835835(v=vs.85).aspx). The page content includes a navigation menu on the left with items like 'How to create an app package', 'How to sign an app package using SignTool', and 'How to troubleshoot app package signature errors'. The main content area shows a table with error events.

Event ID	Example event string	Sug
150	error 0x8007000B: The app manifest publisher name (CN=Contoso) must match the subject name of the signing certificate (CN=Contoso, C=US).	The sign No se
151	error 0x8007000B: The signature hash method specified (SHA512) must match the hash method used in the app package block map (SHA256).	You elem sign that the c
152	error 0x8007000B: The app	The

Once they update this info in their appx file they can then try signing with sign tool commands:

SHA-1 using a PFX: `signtool sign /t http://timestamp.digicert.com /f signingCert.pfx /p password filepath.appx`

SHA-1 using Thumbprint: `signtool sign /t http://timestamp.digicert.com /sha1 XXSHA1CERTTHUMBPRINTXX filepath.appx`

SHA-2 using a PFX: `signtool sign /tr http://timestamp.digicert.com /td sha256 /fd sha256 /f signingCert.pfx /p password filepath.appx`

SHA-2 using Thumbprint: `signtool sign /tr http://timestamp.digicert.com /td sha256 /fd sha256 /sha1 XXSHA256CERTTHUMBPRINTXX filepath.appx`

