



# WASP PROTECT

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## MobileAsset v7: Database transfer to mobile device fails at step 2 of 3; service log mentions FIPS

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MobileAsset v7: The mobile device can browse the service PC on port 10008 as expected, but when transferring database to device, the process gets to step 2 of 3, then fails.

The mobile device's MobileAsset.log file contains an error similar to:

```
2016-09-14 13:35:46.000 VERBOSE | IpSync
Error(ErrorCode=0,ErrorCodeSpecified=False,ErrorDesc=Error downloading
DevFile=\\Program Files\\MobileAsset\\Database\\MobileAssetDb_temp.sdf,
SvcFile=C:\\ProgramData\\Wasp Barcode
Technologies\\MobileAssetWindowsService\\7.0.0.0\\App_Data\\MobileAsset_86829e20
6aad483baa35a5c8a2dbfb86.sdf, SentByServiceMD5=C:\\ProgramData\\Wasp Barcode
Technologies\\MobileAssetWindowsService\\7.0.0.0\\App_Data\\MobileAsset_86829e20
6aad483baa35a5c8a2dbfb86.sdf,
RecvdOnDevMD5=,Source=,StackTrace=,LoggedInUser=1)
```

And on the PC running the Wasp MobileAsset Windows Service, the WaspMobileAssetServices.log file contains an error similar to the following (note the mention of FIPS):

```
2016-09-15 10:17:16.072      5 ----- ERROR      | Error in RunCommand():
System.Reflection.TargetInvocationException: Exception has been thrown by the
target of an invocation. ---> System.InvalidOperationException: This implementation is
not part of the Windows Platform FIPS validated cryptographic algorithms.
```

```
        | at
System.Security.Cryptography.MD5CryptoServiceProvider..ctor()
        | --- End of inner exception stack trace ---
        | at System.RuntimeMethodHandle.InvokeMethod(Object
target, Object[] arguments, Signature sig, Boolean constructor)
        | at
System.Reflection.RuntimeConstructorInfo.Invoke(BindingFlags invokeAttr, Binder
binder, Object[] parameters, CultureInfo culture)
        | at
System.Security.Cryptography.CryptoConfig.CreateFromName(String name, Object[]
args)
        | at System.Security.Cryptography.MD5.Create()
        | at
Wasp.WCFService.IPSync.WaspIPSyncService.GetMD5(String sFile)
        | at
Wasp.WCFService.IPSync.WaspIPSyncService.RunCommand(String sToken,
IPSyncOperation op)
```

#### **Cause**

The service PC has FIPS enabled, which is incompatible with the MD5 used to validate the mobile database.

#### **Resolution**

FIPS will need to be disabled on the service PC in order for the mobile download to work.

HKLM\System\CurrentControlSet\Control\Lsa\FIPSAAlgorithmPolicy\Enabled. Change the value of this registry entry to 0 to **disable** it.