

Installing SAP NetWeaver Mobile Client on a Storage Card



Applies to:

SAP NetWeaver Mobile 7.1

For more information, visit the [Mobile homepage](#).

Summary

This document provides a step-by-step description on how to install SAP NetWeaver Mobile Client on Storage Cards (Secure Digital card or Compact Flash card).

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Introduction

Storage cards (also called memory cards, memory stick and disk on key) help extend the functionality of mobile devices, and are pretty much in use now-a-days. These cards are commonly used to store data such as text, pictures, audio, video, and so on.

SAP NetWeaver Mobile client can also be installed on storage cards and this document tells you how to do it. There are two ways you can do it – you can either install the client directly on a storage card, or install the client on a PDA and then copy the client-related files to the storage card. You are free to choose your mode of installation.

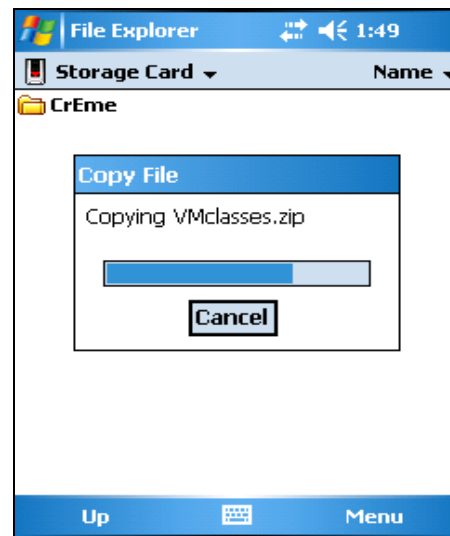
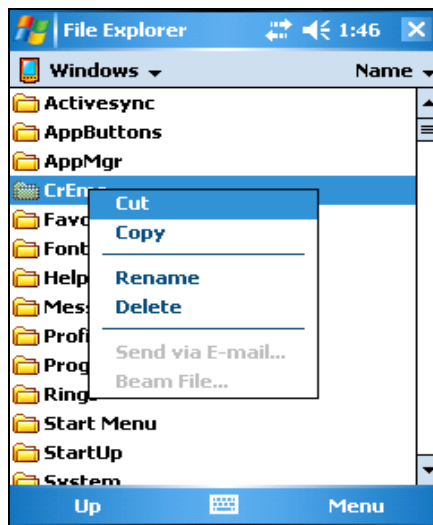
Note: You can install **only** SAP NetWeaver Mobile clients of type JSP and AWT on a storage card; and you **cannot** install the client of type eSWT.

Installing SAP NetWeaver Mobile Client on PDAs and Moving the Client onto a Storage Card

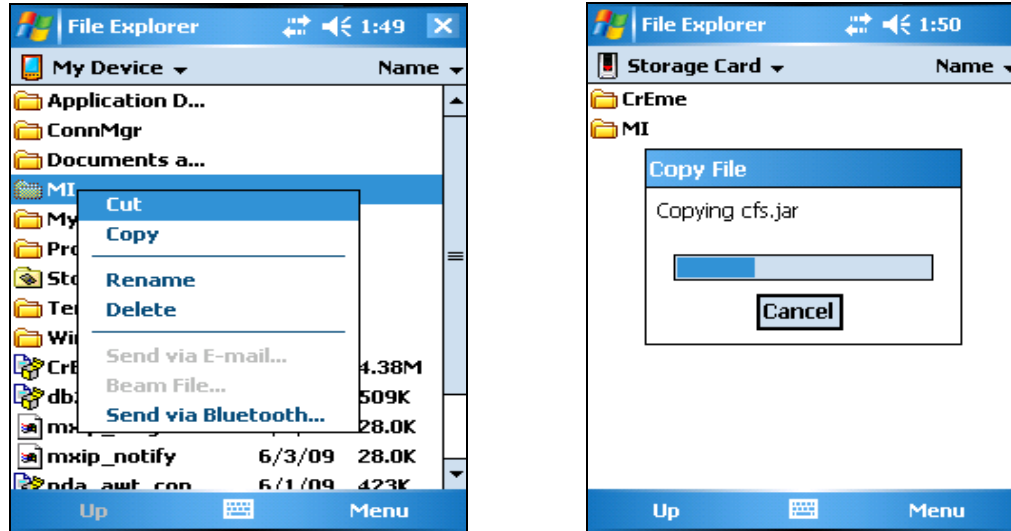
In this mode of installation, you first copy all the required CAB files to a PDA and install the client. Later, you move the contents of the client to the storage card. The steps are provided below:

1. Install the SAP NetWeaver Mobile client on a PDA.
 - 1.1 Install NSICom CrEme 4.12 in the PDA.
 - 1.2 Copy all the client-related cab files to a local folder in the PDA.
 - 1.3 From the local folder, execute db2e.CAB or mindb.CAB, depending on the database you want.
 - 1.4 From the local folder of the PDA, execute pda_runtime_wince.CAB. The installation wizard starts.
 - 1.5 From the local folder, execute pda_jsp_container.CAB or pda_awt_container.CAB, depending on whether you want to install JSP or AWT.
2. Move the CrEme folder to the storage card.

You can find the CrEme folder in the following locaton: \Windows\CrEme
New location: \<STORAGE CARD>\CrEme



3. Move the MI folder to the storage card.
`\MI -to- \<STORAGE CARD>\MI.`



4. In the storage card, change the location of the Tomcat Jar files.
`\<STORAGE CARD>\MI\lib\tomcat -to- <STORAGE CARD>\MI\lib`

Note: Follow this step only when JSP container is used.

5. For JSP and AWT mobile clients, you must edit the files, `Startserver.1nk`, `Shutdownserver.1nk` and `Classpaths.cf`. You must make the following changes:
 - Path name of MI folder. It must now point to `/<STORAGE CARD>/MI`.
 - Path name of the CrEme folder. It must now point to `/<STORAGE CARD>/CrEme`

Note:

- `<STORAGE CARD>` needs to be replaced by the actual folder name that gets created for the card memory. For example, usually in case of SD Cards, `\<STORAGE CARD>\MI` will be `\SD Card\MI` and in case of CF Cards, `\<STORAGE CARD>\MI` will be `\Storage Card\MI`
- Care should be taken to not add/omit any extra `'` or `\` or press 'Enter' key when editing the files.

After editing the files, the contents of the files are as listed below:

Classpath.cf

```
-bcp '\Storage Card\MI\bin\jsse.jar;\Storage Card\MI\bin\jnet.jar;\Storage
Card\MI\bin\jcert.jar' -classpath '\Storage
Card\MI\bin\sap.com~tc~mobile~cfs~startup~impl.jar'
```

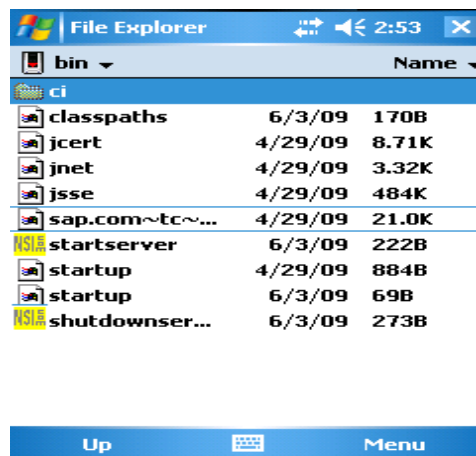
Startserver.1nk

```
255#\Storage Card\CrEme\bin\CrEme.exe" -Of -cf 'Storage Card/MI/bin/classpaths.cf' '-
Dmobile.home=/Storage Card/MI' '-Dtomcat.home=/Storage Card/MI/tomcat' -noverify -m1
25600 com.sap.tc.mobile.cfs.startup.pda.Startup
```

Shutdownserver.1nk

```
255#\Storage Card\CrEme\bin\CrEme.exe" -Of -classpath \Storage
Card\MI\lib\tomcat.jar;\Storage Card\MI\bin\sap.com~tc~mobile~cfs~startup~impl.jar -
Dmobile.home=/Storage Card/MI -Dtomcat.home=/Storage Card/MI/tomcat -noverify
com.sap.tc.mobile.cfs.startup.pda.TomcatStopper
```

- After all the above mentioned steps are completed, you will be able to launch the SAP NetWeaver Mobile Client framework on the storage card.



Installing SAP NetWeaver Mobile Client Directly on a Storage Card

If you are installing the client directly on a storage card, the steps are the same as those when you install on a local folder. After the installation, you must edit the `startserver.lnk`, `shutdownserver.lnk` and `classpath.cf` files as mentioned in step 5 above.

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