

Installing Net Express Application Server License Database Silently

Many customers have asked whether it's possible to set up the Net Express Application Server license database silently. This is to eliminate the need for end users to input the required license details and serial number manually at the time of the Application Server installation, or indeed at a later point when using the AppTrack utility.

This following document explains how to install Net Express Application Server license database silently.

The following refers to the contents of [linked file named silent.zip](#) which contains the files required for installing the Application Server license Database on the user's machine without any interaction required from the users themselves. It also contains a test program – adsamp.exe – which can be run afterwards to ensure that the license is being picked up correctly.

The first step is to copy all of the contents of the zip file to C:\mfserver.

The files you'll see after the zip file has been extracted are detailed below:

ADSAMP.EXE - This is the test Net Express 4.0 application itself - this is built as a shared exe.

APPTRACK.EXE - This is a utility that allows you to monitor and administer license use on the Application Server license database. We will use this to check the status of the license once applied.

ASSETUP.BAT – This consists of the following:

```
rem Script to create a license database for Enterprise Server or Application Server
rem The script also installs a license silently.
rem Where c:\user-choice\mfaslmf is the directory for the new database
rem Where NXDEVAS5 01280 ... is the license key
rem Where "c:\mfserver" is where Enterprise Server or Application Server is
installed
aslmpclocate -q
if errorlevel 1 goto ASLMFDIR-NOTSET
:ASLMFDIR-SET
echo Found the path to the license database
goto ASLMPLOCATE-OK
:ASLMFDIR-NOTSET
echo License database doesn't exist
md c:\user-choice\mfaslmf
copy c:\mfserver\prodfile c:\user-choice\mfaslmf
copy c:\mfserver\semfile c:\user-choice\mfaslmf
aslmpclocate -q "c:\user-choice\mfaslmf"
if errorlevel 0 goto ASLMPLOCATE-OK
:ASLMPLOCATE-NOTOK
echo License database cannot be created
goto END
:ASLMPLOCATE-OK
aslmpcsilent 2 NXDEVAS5 01280 10780 05C04 D5E09 55C0
```

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echo License database created
:END

This .BAT FILE calls two License Database configuration files:

1. aslmpclocate -q

aslmpclocate -q looks to see if a license database has already been set up on the machine - if it hasn't, it creates it in the folder specified, in this case c:\user-choice\mfaslmf. The location can be changed to wherever you wish on the machine.

The second command is aslmpcsilent 2 NXDEVAS5 01280 10780 05C04 D5E09 55C0

2. aslmpcsilent 2 NXDEVAS5 01280 10780 05C04 D5E09 55C0

This silently installs the Application Server serial number and license. In the example provided here this is a 30 day temporary license key.

The value of "2" indicates that the license key should be installed onto the machine regardless of whether a license exists already. This means in subsequent installations, you won't need to worry about users seeing any messages relating to licenses already installed.

The NXDEVAS5 is the serial number you require. This can't contain any spaces.

The 01280 10780 05C04 D5E09 55C0 is a 30 day temporary run time license.

Prodfile and Semfile are used integrally by the Application License database.

Cblrtss.dll, cblvios.dll and mffh.dll are the run time files required to run the adsamp.exe

Mflangdf.lbr is a language environment file.

Mfasdb is the database file created.

If you try to run the adsamp.exe as it is now, you will get licensing error messages as no license has yet been set up, so to actually set up and install the Application Server license environment you need to run assetup.bat. This will set up the database and install the serial number and license as described above. Then you'll be able to run adsamp.exe without any licensing error messages as it is now picking up the correct licensing configuration from the mfasdb file created also in c:\user-choice\mfaslmf.