

FileMaker Server Plugin Installation

You have a FileMaker Server installed, e.g. on Windows Server, and you need the MBS Plugin installed. Let us guide you through the installation process.

We expect you have a current FileMaker Server running. If you have an older/newer one, the buttons may be on a different position.

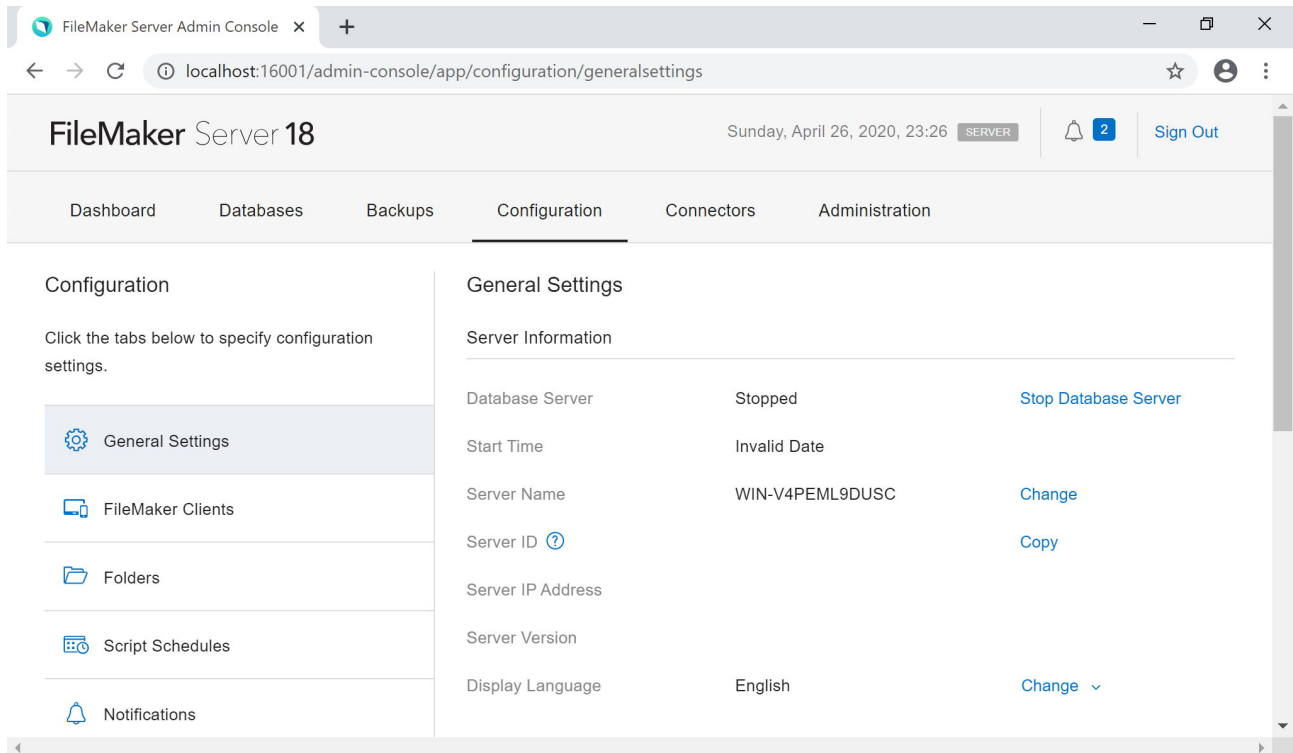
The screenshot shows the FileMaker Server Admin Console interface. At the top, the browser address bar displays '127.0.0.1:16001/admin-console/app/dashboard'. The page title is 'FileMaker Server 18' and the date is 'Sunday, April 26, 2020, 21:21'. There are navigation tabs for 'Dashboard', 'Databases', 'Backups', 'Configuration', 'Connectors', and 'Administration'. The 'System Overview' section shows '0 Total Connections' and '1 / 1 Hosted Databases'. Below this, there are four connection status bars: 'FileMaker Pro' (0 Connections), 'FileMaker Go' (0 Connections), 'FileMaker WebDirect' (0 Connections), and 'Additional' (0 Connections). The main content area is divided into three columns of system information:

Server Name TestServer	FileMaker Server License Expiration 05/09/2020, 01:59	FileMaker Data API Annual Limit 0 KB / 120 GB
Server IP Addresses 192.168.2.127 2003:e1:6f33:f867:d932:3760:502e:3373	SSL Certificate FileMaker Default Certificate Details	ODBC and JDBC Connections 0 / Unrestricted
Server Version 18.0.3.319	Last Backup N/A	FileMaker Script Engine Connections 0

At the bottom, there are two sections: 'Volume Status' and 'System Statistics'.

Copy Plugin Files

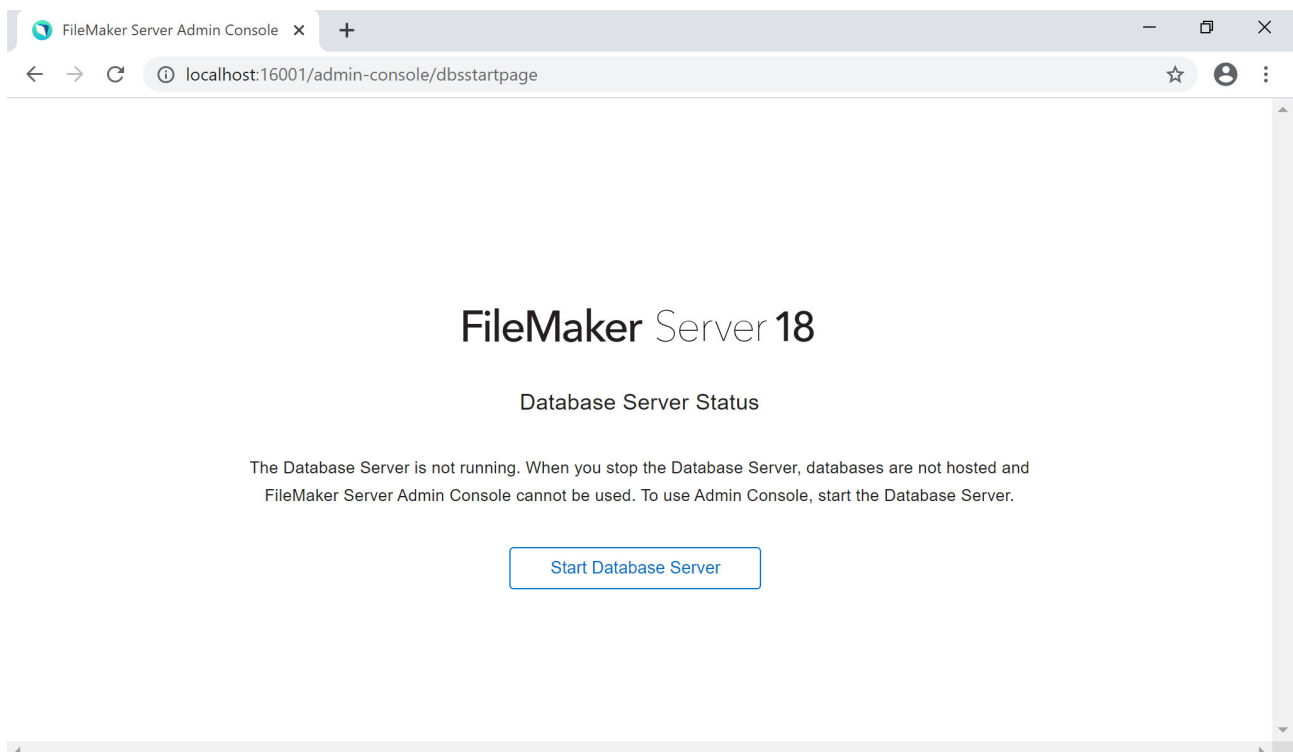
First in Admin Console, please stop the database server, so you can later enable it again. Only when server engine starts, it scan extensions folder and leans which plugins are available. Please use the "Stop Database Server" button:



The screenshot shows the FileMaker Server Admin Console interface. The browser address bar displays `localhost:16001/admin-console/app/configuration/generalsettings`. The page title is "FileMaker Server 18" and the date is "Sunday, April 26, 2020, 23:26". The navigation menu includes Dashboard, Databases, Backups, Configuration (selected), Connectors, and Administration. The left sidebar shows Configuration settings: General Settings (selected), FileMaker Clients, Folders, Script Schedules, and Notifications. The main content area is titled "General Settings" and "Server Information". It displays the following configuration items:

Property	Value	Action
Database Server	Stopped	Stop Database Server
Start Time	Invalid Date	
Server Name	WIN-V4PEML9DUSC	Change
Server ID		Copy
Server IP Address		
Server Version		
Display Language	English	Change

Now the browser changes and shows the server is off:



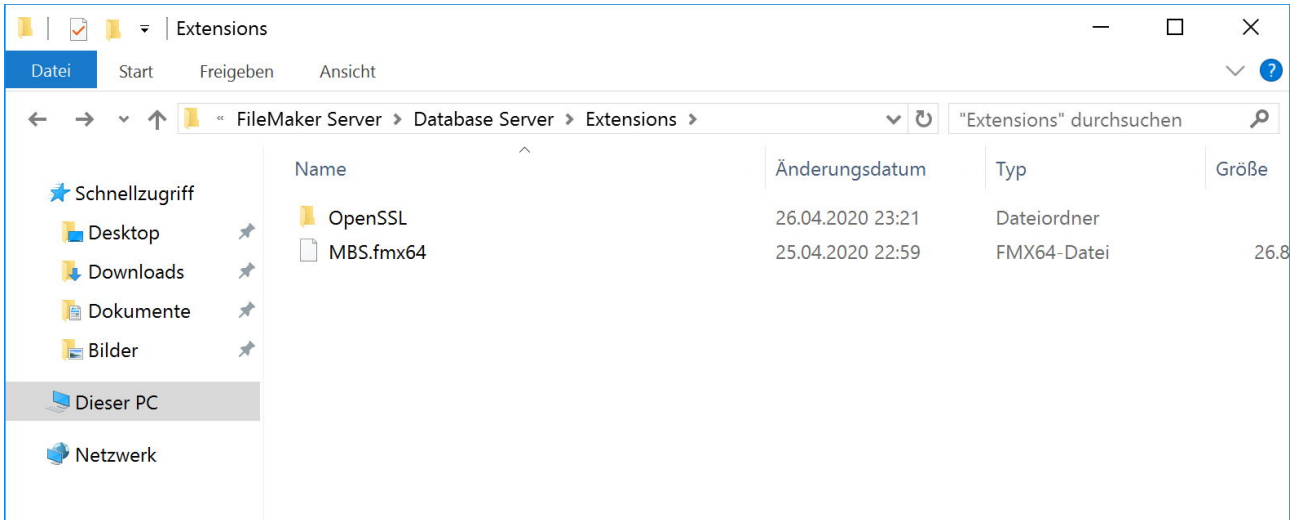
The screenshot shows the FileMaker Server Admin Console interface displaying the Database Server Status. The browser address bar displays `localhost:16001/admin-console/dbsstartpage`. The page title is "FileMaker Server 18" and the subtitle is "Database Server Status". The main content area displays the following message:

The Database Server is not running. When you stop the Database Server, databases are not hosted and FileMaker Server Admin Console cannot be used. To use Admin Console, start the Database Server.

Below the message is a button labeled "Start Database Server".

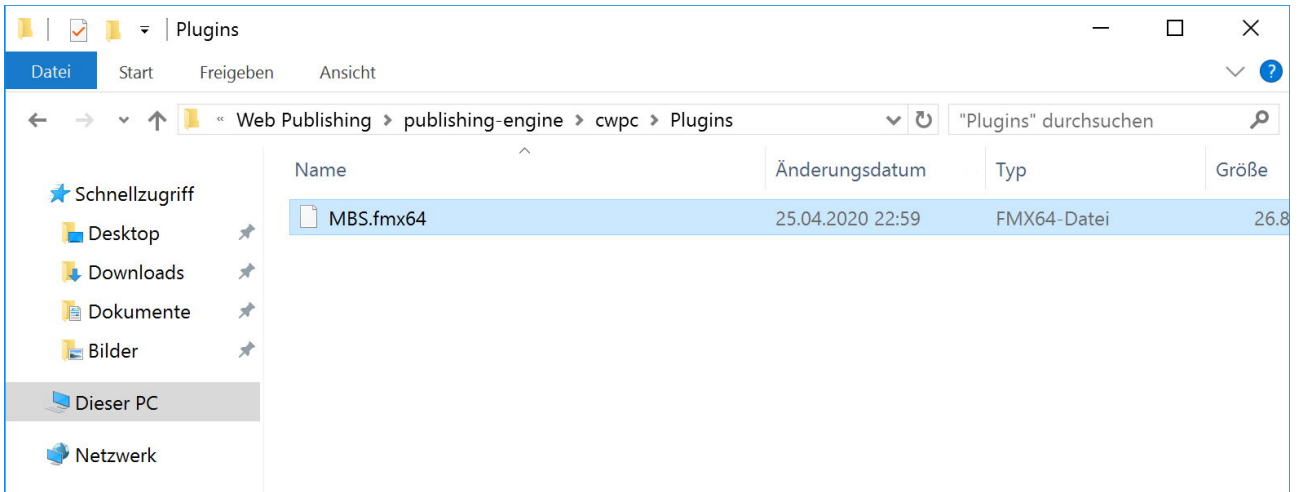
Next go to explorer and locate two folders and copy the MBS.fmx64 (Windows 64-bit plugin) file there:

C:\Program Files\FileMaker\FileMaker Server\Database Server\Extensions



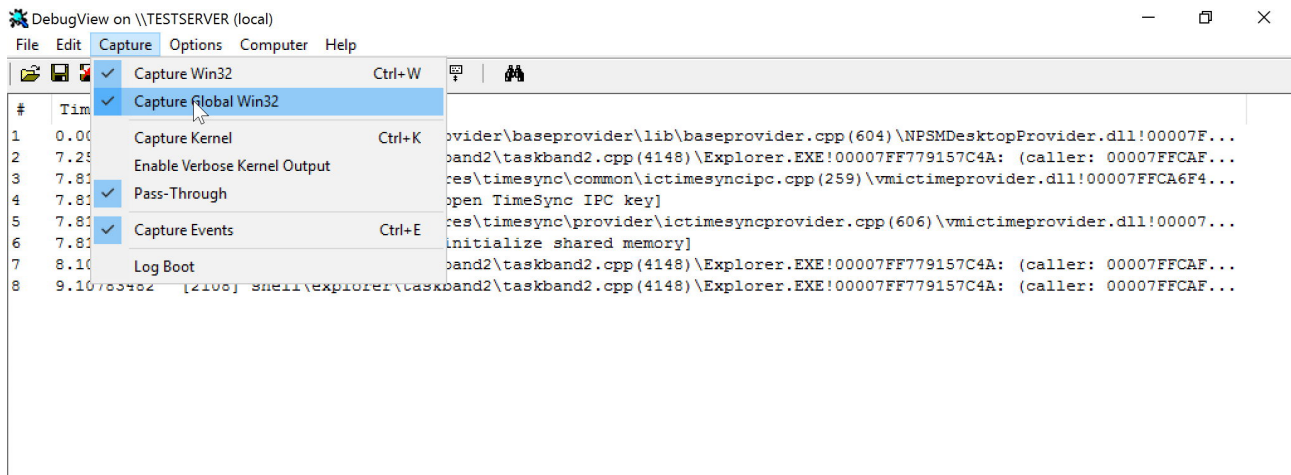
and for Web Direct the second folder:

C:\Program Files\FileMaker\FileMaker Server\Web Publishing\publishing-engine\cwpc\Plugins



DebugView

You can download [DebugView](#), a little utility from Microsoft to view log messages. Launch DbgView.exe as administrator and check the option "Capture Global Win32" in Capture menu. The window then can show messages from MBS Plugin, even in server. Our plugin writes a greeting on startup and shutdown of the plugin. If you use Trace command without file path, you can watch MBS commands live here.



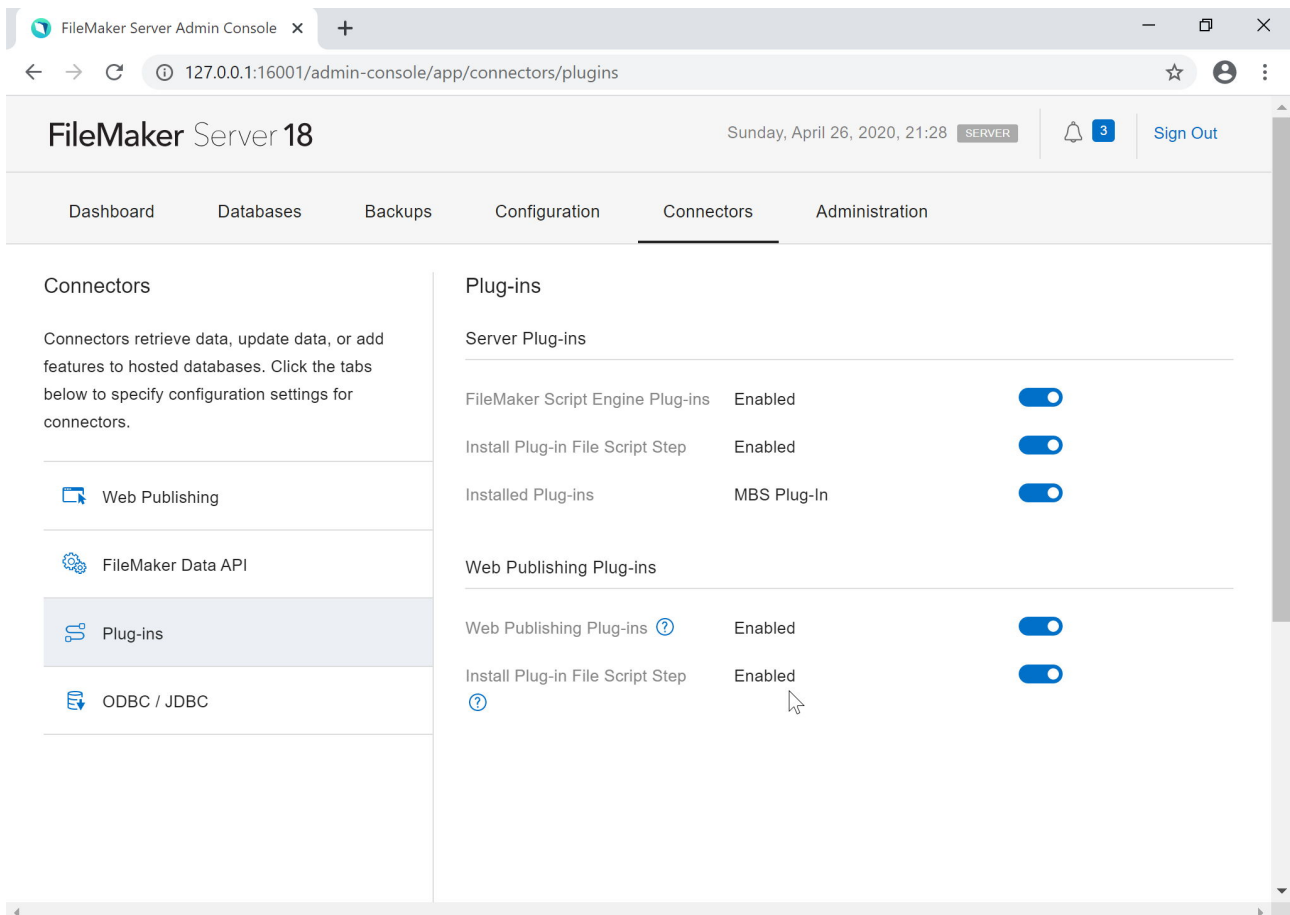
Enable Plugins

Back in Admin Console start database server. It scans plugin folder now. Go to Connectors tab and select Plugins. Turn on the switches to enable plugins and turn on MBS Plugin. For Web Direct the plugins are not listed and all enabled. When MBS Plugin gets loaded, you may see a message in DebugView like this one:

```
[5540] MBS Plugin version 10.2.0.04 Prerelease for Win 64-bit loaded for ServerScripting, SDK version 18.
```

For Web Direct the message shows "Web Direct" there.

The Admin Console should look now like this:



Check Plugin version

In a test database, please add a test script named "Return MBS Version":

Exit Script [Text Result: MBS("Version")]

Now add a second script to call this one named "Check MBS Version on Server":

Perform Script on Server [Specified: From list ; "Return MBS Version" ;
Parameter: ; Wait for completion: On]

Show Custom Dialog ["MBS Version" ; Get(ScriptResult)]

Now you can run this script in FMP and it should show the version on server.

For Web Direct you may make a script to call via a button on a layout:

Show Custom Dialog ["MBS Version" ; MBS("Version")]

If the dialog box for either version shows a question mark, the plugin is not installed or activated.

Please do not hesitate to contact us with your questions.