Installing the client components for MQ MFT 9.0 in Windows

IBM Techdoc: 7050136

http://www.ibm.com/support/docview.wss?uid=swg27050136

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+++ Objective +++

The objective of this techdoc is to show all the steps to install the "client" components for MQ MFT 9.0 on Windows. In addition, the Windows Client and related non-server components will be installed.

The MQ components that will be INSTALLED are:

- MQ Managed File Transfer (MFT) Agent
- MQ Managed File Transfer (MFT) Tools
- MQ Windows Client
- MQ Explorer
- MQ Java and .NET Messaging and Web Services
- MQ Development Toolkit

The MQ components that will NOT be installed are:

- MQ Server
- MQ Telemetry Service
- MQ AMQP Service
- MQ Advanced Message Security (AMS)
- MQ Managed File Transfer (MFT) Service
- MQ Managed File Transfer (MFT) Logger

+ Which installation image to download?

The "MQ Client" downloads from IBM Fix Central do NOT include any of the MFT components. Thus, if you want to install MFT, you CANNOT use the "MQ Client" (such as the SupportPac MQC9)

Hopefully the inclusion of the following link will not cause confusion.
It is included in order to give you a concrete example of the link for obtaining the
"MQ Client" for Version 9 (again, without the MFT client components).

http://www.ibm.com/support/docview.wss?uid=swg24042176
MQC9: WebSphere MQ 9.0 Clients

Well, if you cannot use the above link, then what needs to be done?
Please continue with the next chapter to find the answer!
> Chapter 1: Downloading installation image from IBM Passport Advantage

+ Other related techdocs are:

http://www.ibm.com/support/docview.wss?uid=swg27050058
Installing MQ 9.0 in Windows, using only the defaults

http://www.ibm.com/support/docview.wss?uid=swg27050059
Installing MQ 9.0 in Windows, specifying additional components (Telemetry, AMS, MFT)

http://www.ibm.com/support/docview.wss?uid=swg27050128
Uninstalling MQ 9.0 components in Windows (example Telemetry)

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+++ Chapter 1: Downloading installation image from IBM Passport Advantage
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+ Visit IBM Passport Advantage and download installation file

http://www-01.ibm.com/support/docview.wss?uid=swg24042096
Downloading IBM MQ Version 9.0.0.0 from the Passport Advantage web site

Part Number: CN9GGML
Description: MQ V9.0 Long Term Support Release for Windows 64-bit Multilingual

The file name to download is:
        IBM_MQ_9.0.0.0_WINDOWS.zip

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+++ Chapter 2: Installation
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As a Windows Administrator download from Passport Advantage the corresponding file for MQ 9.0 for Windows.
For this tutorial, the directory for storing the downloaded file is:

C:\downloads\MQ-9000

Unzip the zip file.
The following subdirectory is created.
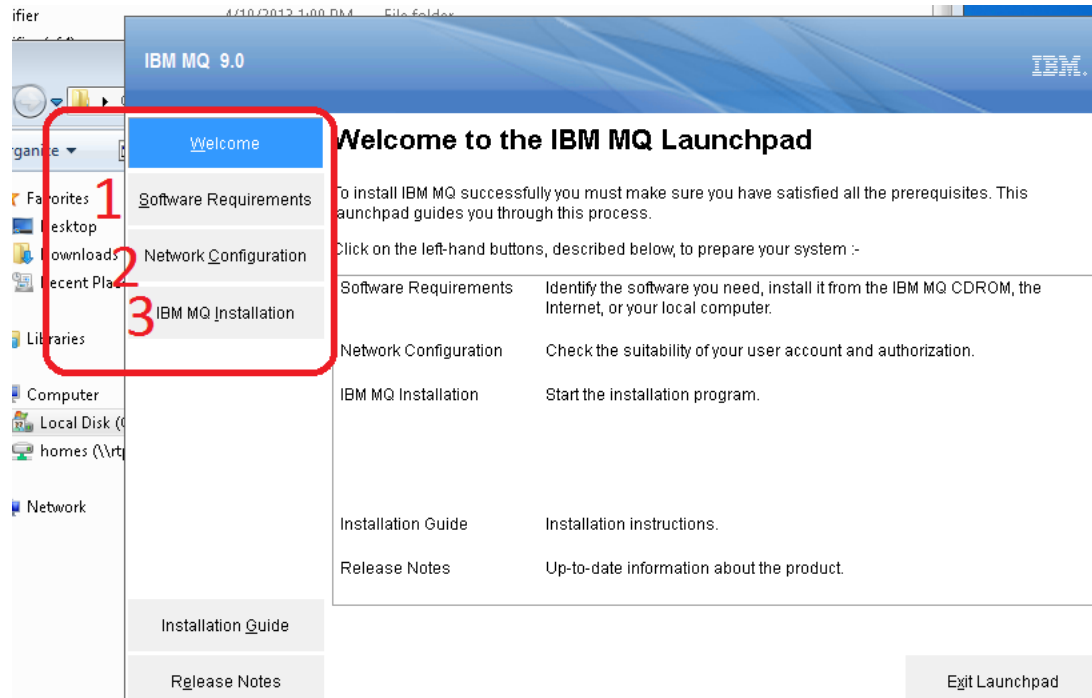
C:\downloads\MQ-9000\IBM_MQ_9.0.0.0_WINDOWS

Move to that subdirectory. Noticed that there is another subdirectory:

C:\downloads\MQ-9000\IBM_MQ_9.0.0.0_WINDOWS\MQServer

Move to that subdirectory.

As an Administrator, double click to execute the following command:
  Setup.exe

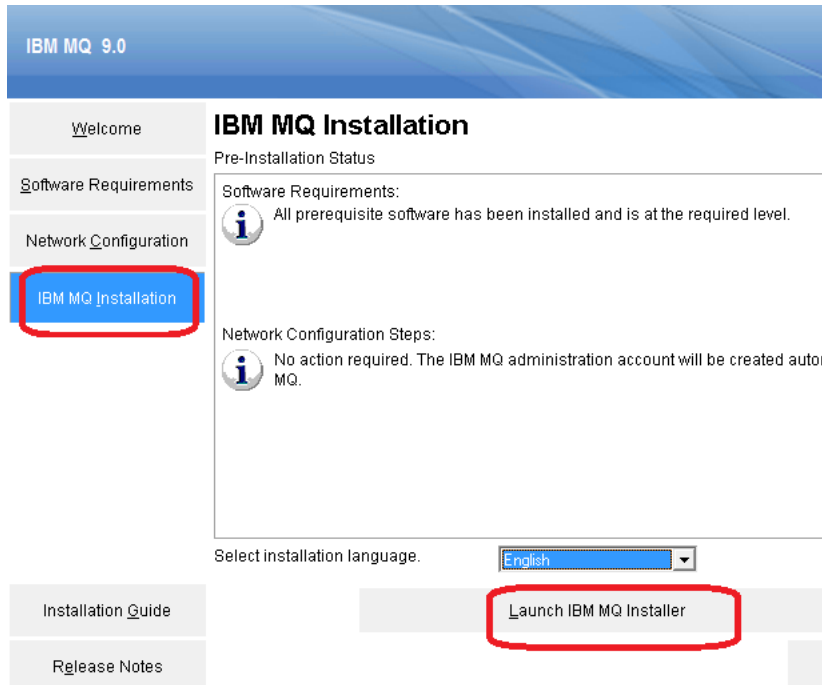The following screen capture shows the main installation window:

Perform the step 1 by clicking on "Software Requirements" on the left panel. Assuming that everything is OK, then proceed to the next step.

Perform the step 2 by clicking on "Network Configuration" on the left panel. Answer appropriately to reflect your network setup. For this tutorial the answer "No" was selected. Proceed to the next step.

Perform the step 3 by clicking on "IBM MQ Installation".

In the dialog window, you will need to click:
   "Launch IBM MQ Installer"

Follow the prompts.
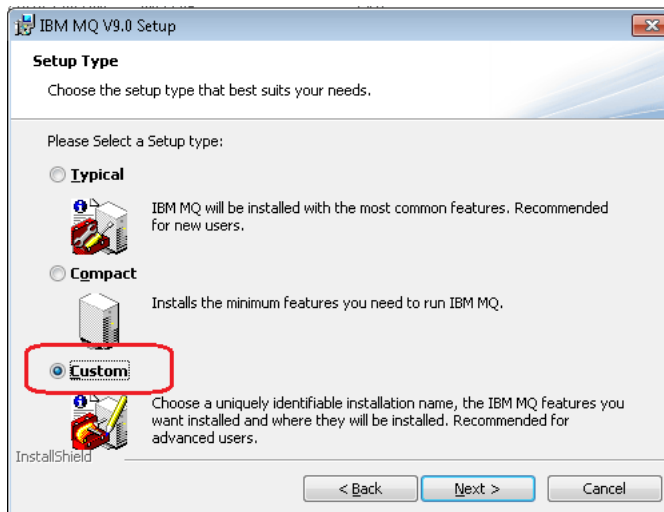To keep this tutorial short, only screens that need explanation will be shown.

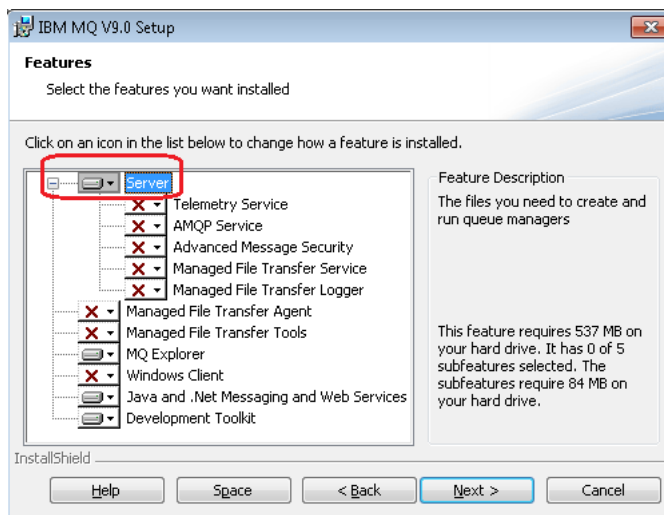You will see the dialog "IBM MQ 9.0 Setup"
The default Setup type is:
(*) Typical

But you need to unselect "Typical" and select "Custom"

Dialog: Setup – Custom

Notice that the "Server" component is pre-selected by default!!!
This means that if you accept the default, the Server component will be installed.

Notice that in addition to the Server component, the following additional components are also pre-selected and will be installed (unless you do not want them):
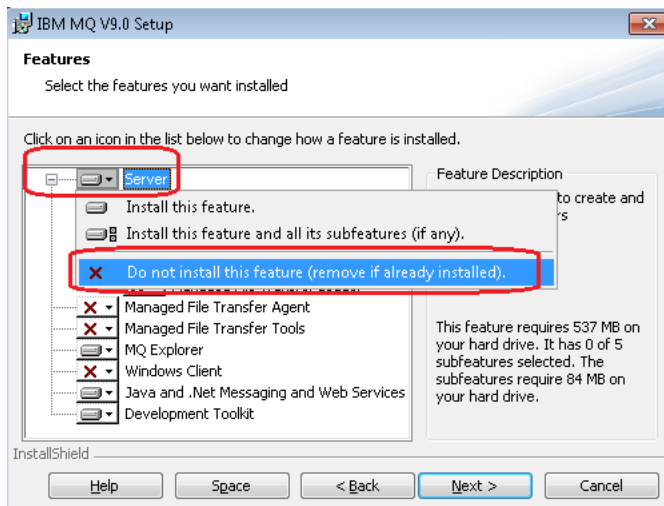 MQ Explorer
  Java and .Net Messaging and Web Services
  Development Toolkit

In this scenario, we are NOT going to install the Server component (but we will accept the other pre-selected components).
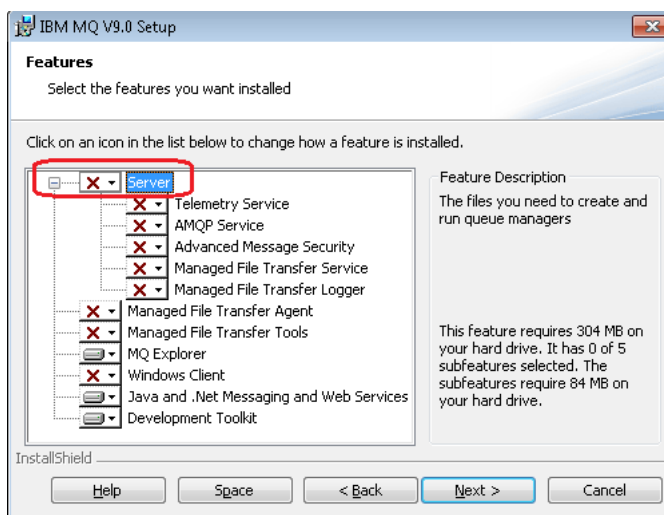Then, how do we specify that we do not want the Server component?

You need to right-click on the Server component and choose:

 X Do not install this feature (remove if already installed).

Notice that the Server component is no longer pre-selected (the icon has now a big red X)

OK, now that we have unselected the Server component, let's proceed to select the desired "client" components to install.
In this scenario we are going to install the Windows Client component and the "client" MFT components. We are not going to install the "server" MFT components.

But first, let's take a side trip …

+ begin brief side trip

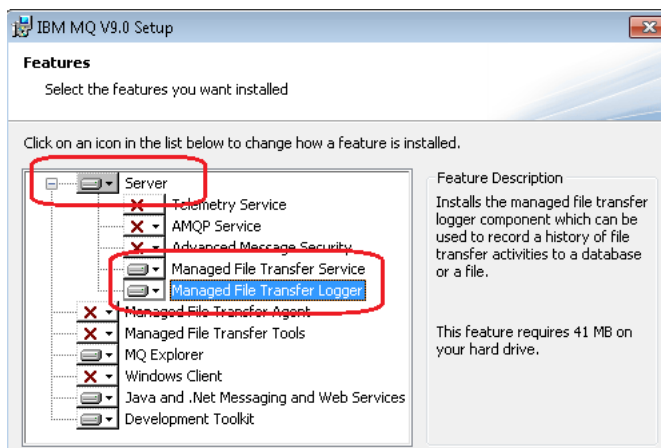I hope that this will not confuse you, but it needs to be clarified.

Notice that if you select the "server" MFT components, then they require that the Server component should also be installed!
Thus, if you do not want the Server component to be installed, then do NOT select these MFT components (visually they are under the Server component):
> Managed File Transfer Service
> Managed File Transfer Logger

If you select any of the above MFT components, notice that the Server component is automatically selected!
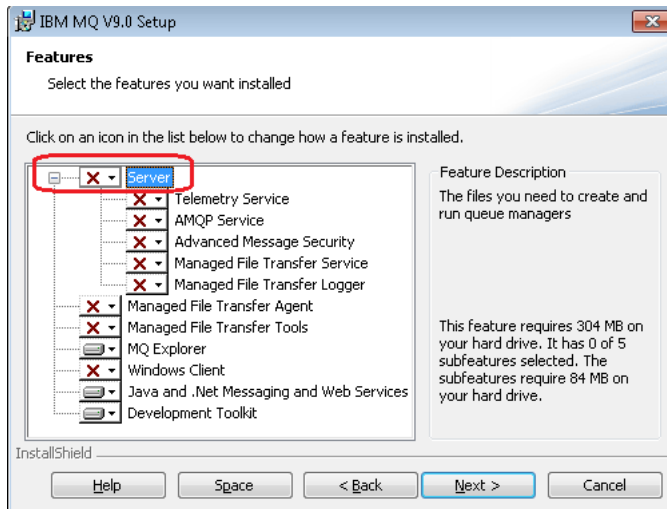

Again, because in this scenario we want to install the "client" MFT components, we are not going to select the above "server" MFT components.
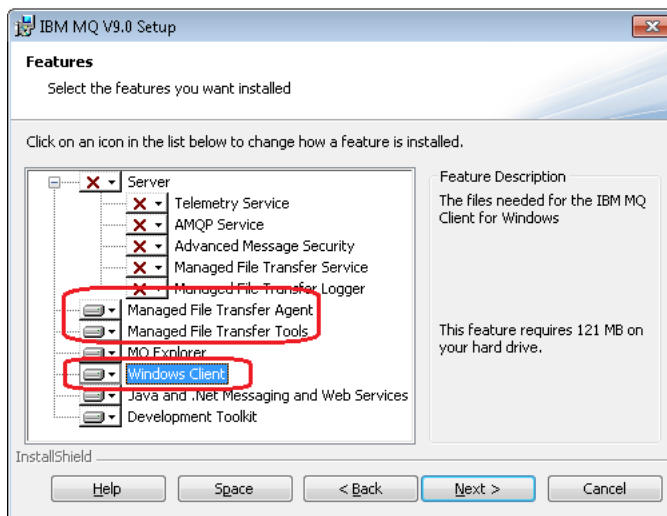
+ end of side trip

OK, let's continue with the installation of the Windows Client and the "client" MFT components:
This is the view of the installation dialog. Notice that the "Server" component is NOT selected (nor the 2 MFT components that require the Server).

Proceed to select the following components:
Managed File Transfer Agent
Managed File Transfer Tools
Windows Client

Click "Next"

You will be taken directly to the following dialog:

Title of dialog: Ready to Install IBM MQ

** begin of excerpt
IBM MQ Installation Summary for Computer NAME

Installation Mode:
  Install

Installation Name:
  Installation1

Top-level folder for Program Files:
  C:\Program Files\IBM\MQ

Program Folder:
  IBM MQ

Features to Install:
  Managed File Transfer Agent
  Managed File Transfer Tools
  MQ Explorer
  Windows Client
  Java and .NET Messaging and Web Services
  Development Toolkit

** end of excerpt

Continue with the prompts.
The installation of the files will take place and this task takes a while.
Continue with the prompts for the IBM MQ Wizard in order to complete the installation process.

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