

How to deploy M-Files Client software using GPO)

Summary

M-Files Client software can be deployed to multiple client computers using startup function in Group Policy for Objects (GPO). These instructions are applicable to either install M-Files Client as a new installation or to upgrade M-Files Client software to a newer version.

Instructions

Sample installation

Upgrade: install or update one client computer first manually using the standard installation package. If you are upgrading the software from previous M-Files version, choose the default "Simple upgrade" option to upgrade the registry modifications of the previous version to the new version. Simple upgrade option also uninstalls the previous version automatically.

New install: Install M-Files Client to one computer manually and configure document vault connections with M-Files Client Settings.

Registry settings

Save Windows Registry settings as a Reg file using M-Files Client Settings tool. Make sure that you export both document vault connections and computer-specific settings.

VBS file

Edit the enclosed VBS file so that the target version, registry file and installer package locations are configured correctly. Do not modify the file otherwise.

Target version

The version number of the new M-Files installation package is specified at the following line in the VBS file:

```
Const TARGET_MFILES_VERSION = "7.0.2589.6"
```

In the case that the computer already has M-Files Client installed this information is used to determine if upgrading is needed.

Installer package location

The path to 32-bit M-Files installer is specified at the following line in the VBS file:

```
Const x86_TARGET_MFILES_MSI_PACKET = "\\ Server.localdomain.ad \ M-Files Setups \ M Files_x86_fin_7_0_2589_6.msi"
```

The path to 64-bit M-Files installer is specified at the following line in the VBS file:

```
Const x64_TARGET_MFILES_MSI_PACKET = "\\ Server.localdomain.ad \ M-Files Setups \ M Files_x64_fin_7_0_2589_6.msi"
```

Update the path of these packages and make sure that the startup function can access the files

Registry file location

You can specify different registry files for client computers that have M-Files Client already installed and for computers that do not have.

The path of the registry setting file for **new installation** is specified in the following line in the VBS file:

```
Const TARGET_MFILES_REGISTRY_FILE = const \\ Server.localdomain.ad \ M-Files Setups \ Vault.reg
```

The path of the registry setting file for computers with **existing M-Files installation** is specified in the following line in the VBS file:

```
Const UPGRADE_MFILES_REGISTRY_FILE = "\\ Server.localdomain.ad \ M-Files Setups \ Upgrade.reg"
```

Notice that the Upgrade and Vault registry files can be the same file.

Test deployment

Try installing M-Files Client first for a small group of users using Active Directory to ensure that the installation finishes as expected.

If your environment multiple different operating systems (32- and 64-bit Windows XP, Vista, 7, and 8), test the script by running it with *SILENT_MODE = False* format to verify that the script detects the different operating systems correctly.

Remarks

The script tries to find out if the operating system is 32-bit. If it fails to detect this, it treats the client as 64-bit.

User Account Control (UAC) feature should be taken into consideration when deploying M-Files to Windows, Vista, 7, and 8 computers.

Creating the GPO

Group Policy Objects (GPOs) are created and managed with Group Policy Management Console.

For instructions on how to create and link a new GPO, please refer to Microsoft's Knowledgebase and TechNet articles or contact M-Files Consultancy Services for additional assistance.

<http://technet.microsoft.com/en-us/library/cc754740.aspx>

[http://technet.microsoft.com/en-us/library/cc783034\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc783034(v=ws.10).aspx)

Settings summary for a sample GPO:

M-Files_Deployment

Scope | Details | Settings | Delegation

M-Files_Deployment
Data collected on: 10/26/2012 7:35:14 PM

Computer Configuration (Enabled)

Policies

Windows Settings

Scripts

Startup

For this GPO, Script order: Not configured

Name	Parameters
\M-Files_Setup_FIN.vbs	

Security Settings

Local Policies/ Security Options

User Account Control

Policy	Setting
User Account Control: Behavior of the elevation prompt for administrators in Admin Approval Mode	Elevate without prompting
User Account Control: Detect application installations and prompt for elevation	Disabled
User Account Control: Only elevate UIAccess applications that are installed in secure locations	Disabled
User Account Control: Run all administrators in Admin Approval Mode	Disabled

User Configuration (Enabled)

No settings defined.

