

GlobeSoft AB



**MultiNetwork Manager 8
Personalization options (Rev. 3.0)**

Document Prepared by: Fredrik Svensson fredrik.svensson@globesoft.com

This document contains 22 pages.

mnm8_Configuration_options.doc

MNM8 Configuration Options



This document is intended to describe configuration options available in MNM8.

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1 Configuration options:

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager]

Key	Type	Value	Function
pe_showcopyprofile	Binary	00,00,00,00 = Not displayed 01,00,00,00 = displayed	When set to displayed a menu item will be displayed in the system tray context menu to allow a user to copy a profile.
AskToEncrypt	Binary	00,00,00,00 = No encryption 01,00,00,00 = Encrypt export	Set this flag to enforce encryption of exported profiles
DisplayWLANUtilityMsg	Binary	00,00,00,00 = Display 01,00,00,00 = Suppress	Display/Hide dialog that informs the user about using mnm to manage WLAN adapters or other utility. (Appendix 1, dialog 1)
HideProfileSharing	DWORD	1 = Hide 0 = Show	Show/Hide profile sharing
HideAdvNew	DWORD	1 = Hide 0 = Show	Show/Hide Advanced menu item to manually create a new profile
DisplayMultipleAdapterInfo	Binary	0 = Hide 1 = Show	Show/Hide multiple adapter information. (Appendix 1, dialog 2)
pc_save_confirm	String	"yes" = Show "no" = Hide	Show/Hide extra confirmation dialog when creating a new profile
pc_text_import	String	"Import a Location Profile created by someone else."	Profile Creator Import text
pc_sec_warning	String	""	
pc_vpn_reminder	String	""	
nopsw	DWORD	1 = No passwords 0 = Store encrypted passwords	Specifies if mnm should store account information when necessary to be able to apply a particular configuration
bta_text_cancel_btn	String	"Cancel/Skip"	This text will be displayed on the cancel

			button on the BTA
bta_cancel_warning	String	<p>“Yes” = Displays a warning dialog when the cancel button is pressed from the BTA</p> <p>No = Suppresses the warning dialog</p>	
UpgradeURL	String	<URL to page informing users about upgrades>	
BootTimeout	Dword	<p>0 = No timeout</p> <p>10,20,30,40,50,60 = Seconds until BTA timesout</p>	Controls “Timeout after” in options dialog
DisableBootMenu7	Binary	<p>00 00 00 00 = Enable BTA</p> <p>01 00 00 00 = Disable BTA</p>	Controls “Startup” in options dialog
BTAOnShutdown	Binary	<p>01 00 00 00 = Display on shutdown</p> <p>00 00 00 00 = Hide on shutdown</p>	Controls “Shutdown” in options dialog
BTACancelOnTimeout	Binary	<p>01 00 00 00 = Cancel when BTA times out</p> <p>00 00 00 00 = Apply when BTA times out</p>	Controls “Cancel in Timeout” in options dialog
BTAIcon	String	company_inc.bmp	Name of image displayed in BTA icon (max 146x72). The image should be located under APPLICATIONPATH
BTAIconBGColor	String	214;211;206	Set the RGB (Red, Green, Blue) background for the BTA icon window. Remove this entry for transparency and use RGB(255,0,255) as the transparent color.
BTAFirstTextBlock	String	To change the location profile, click on the image above before you login	First text block in BTA icon window
BTASecondTextBlock	String	The current profile is:	Second text block in BTA icon window

BTAShowIcon	Dword	1 = Show BTA Icon 0 = Hide BTA icon	Controls "Show icon" in options dialog
RemoveTray	Binary	00 00 00 00 = Display tray icon 01 00 00 00 = Hide tray icon	Controls "Always in system Tray" in options dialog
EnableLog	Binary	01 00 00 00 = Enable log 00 00 00 00 = Disable log	Controls "Enable Log" in options dialog
PurgeUsageToXML	Dword	0 = Disable Minutes between the usage monitor registry information is being purged to an XML file	Writes usage monitor information to XML file
WizHideServerDetails	Dword	1 = Hide server details 0 = Show server details	Controls if the servers being checked for Internet access are displayed in error message
CompListAdvanced	String	"TCPIP, PROXY, MAP_NET, PRINTERS, DOMAINWKG" {component} *	Components displayed in advanced wizard
CompListCapture	String	"TCPIP, PROXY, MAP_NET, PRINTERS, DOMAINWKG" {component} *	Components automatically added to a captured profile
BTARtfHelpDisplayCount	Dword	0 = Will not be displayed 1 = Show option to hide window > 1 = Display and decrement counter	Set the number of times the RTF information Windows is displayed before the user can choose to hide it. The information displayed is loaded from BTAHelp.RTF under APPLICATIONPATH.
BTARtfBGColor	Dword	Light yellow 214;211;206 = light grey	Set the RGB (Red, Green, Blue) background for the RTF information Window displayed with the BTA.
HideProfileCopy	Dword	0 = Show	Hide the menu item option to copy a profile

		1 = Hide	
pe_hoovertext	String	“ MultiNetwork Manager \n Click to launch mnm ”	String to be displayed when mouse hovers over system tray icon. Use \n for new line
pe_icon	String	{<filename>.ico} wheel icon is the default icon	Icon file in mnm folder to be displayed in system tray
pc_capture_enableapply	Dword	1 = Enable 0 = Disable	When enabled an apply button will be present in the capture save dialog.
HideSavedWLAN	Binary	00,00,00,00 = Not hidden 01,00,00,00 = Hidden	When set to hidden the saved WLAN list will not be displayed in the WLAN dialog.
OptionsDisableDelBtn	Binary	00,00,00,00 = Not hidden 01,00,00,00 = Hidden	When enabled the option dialog will not enable a user to remove <Internet only> and <dial-up>
DisableNewLocation	Binary	00,00,00,00 = Not hidden 01,00,00,00 = Hidden	Removes the default profile <new location>.
DisableMNMReboot	Binary	00,00,00,00 = Enabled 01,00,00,00 = Disabled	When set this flag will prevent mnm from prompting the user to reboot when necessary. E.g. after switching between multiple domains.
RemoveMapPassword	Binary	01,00,00,00 = Enabled 00,00,00,00 = Disabled	When set to enabled all passwords specified in network mapping will be removed when exporting a profile.
pe_showprofilesfirstlevel	Binary	00,00,00,00 = Disabled 01,00,00,00 = Enabled	Tray context menu , show profiles on first level of menu items.
pe_hidedeleteprofile	Binary	00,00,00,00 = Show 01,00,00,00 = Hide	Tray context menu , hide delete profile menu item on context menu.
pe_hideprofilecenter	Binary	00,00,00,00 = Show 01,00,00,00 = Hide	Tray context menu , hide launch profile center menu item on context menu.

pe_hideprofilemanager	Binary	00,00,00,00 = Show 01,00,00,00 = Hide	Tray context menu , hide launch profile manager menu item on context menu.
pe_hideprofilecreator	Binary	00,00,00,00 = Show 01,00,00,00 = Hide	Tray context menu , hide profile creator menu item on context menu.
pe_hideoptions	Binary	00,00,00,00 = Show 01,00,00,00 = Hide	Tray context menu , hide options profile menu item on context menu.
pe_hidehelp	Binary	00,00,00,00 = Show 01,00,00,00 = Hide	Tray context menu , hide help profile menu item on context menu.
"DisableFirewallWarning"		00,00,00,00 = Show 01,00,00,00 = Hide	With this flag set the firewall warning functionality will be inactivated.
"DisableAntivirusWarning"		00,00,00,00 = Show 01,00,00,00 = Hide	With this flag set the antivirus warning functionality will be inactivated.
"DisableAutoSensing"		00,00,00,00 = Show 01,00,00,00 = Hide	With this flag set locations sensing will be inactivated.
"AutoDisableAdapters"		00,00,00,00 = Show 01,00,00,00 = Hide	When enabled the mnm service will only allow one enabled adapter. All other adapters will be disabled.
"AutoConfirmInternetSharing"		00,00,00,00 = Show 01,00,00,00 = Hide	When enabled the confirmation dialog displayed by Windows XP (SP1) when firewall settings change gets suppressed.
"WlanAlwaysStartBrowser"		01,00,00,00 = Start 00,00,00,00 = Skip	Start browser on wireless networks
"SkipWZCCheck"		01,00,00,00 = Skip 00,00,00,00 = Allow	Skip check if WZC is running
"SkipManualAVCheck"		01,00,00,00 = Skip	Skip manual check of antivirus

		00,00,00,00 = Allow	
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[HKEY_CURRENT_USER\Software\GlobeSoft\MultiNetwork Manager\Settings]

Key	Type	Value	Function
UpdChkOpt	DWORD	0 = Never display dialog n = Display frequency in days	Controls how often the check for update dialog is being displayed.

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\Options]

Key	Type	Value	Function
LIC_ID	String	{mnm license}	Pre-configured mnm license
LIC_KEY	String	{mnm key}	Per-configured mnm key

[[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\TCPIP\<profile >\{Adapter CLSID}]]

Key	Type	Value	Function
FixedAlwaysScanForWLAN	Binary	00,00,00,00 = Disabled 01,00,00,00 = Enabled	When set to enabled for a specific WLAN adapter and profile, the WLAN scan dialog will always be displayed when the profile is being applied.

2

BTA Disclaimer:

These values control the policy message normally being displayed by Windows prior to a user logging into the system.

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager]

Key	Type	Value	Function
bta_caption_authuseronly	String	Copy from LegalNoticeCaption under [SOFTWARE\Microsoft\Windows\CurrentVersion\policies\system]	Stores message caption for restore purposes. Not used by mnm
bta_text_authuseronly	String	Copy from LegalNoticeText [SOFTWARE\Microsoft\Windows\CurrentVersion\policies\system]	Displays message text in BTA prior to login.

On Install:

1. Copy the LegalNoticeCaption and LegalNoticeText values from [SOFTWARE\Microsoft\Windows\CurrentVersion\policies\system] to the corresponding mnm registry values specified in the table above.
2. Remove the LegalNoticeCaption and LegalNoticeText values from [SOFTWARE\Microsoft\Windows\CurrentVersion\policies\system] to avoid the message being displayed by Windows

On Uninstall:

1. Restore the LegalNoticeCaption and LegalNoticeText values with the values from mnm.

3

Profile settings:

These values control a specific profile

[
HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\Configurations\<Profile>]

Key	Type	Value	Function
Fixed	BINARY	01 00 00 00 = Protected	A protected profile can not be deleted or changed by the user
		00 00 00 00 = Unprotected	
Removable	BINARY	00 00 00 00 = Protected	A protected profile can not be, deleted, renamed, or overwritten. The backup file is also protected.
		01 00 00 00 = Unprotected	

Note: The default value for both of these values (if the flag is not present) is unprotected

4 Well known Internet sites:

The server addresses specified in this section will be used to check for Internet access by the discovery process.

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\Options\AdTestServers]

Key	Type	Value	Function
TestServer1	String	verisign.com	Names of well know internet sites, where at least one will be available if an Internet connection exists
TestServer2		thawte.com	
....		mnm1.globesoft.com	
TestServern		mnm2.globesoft.com	
		mnm3.globesoft.com	

5 Global run component:

The global run component uses three different sections in the registry to control what application to invoke and method of invocation. The structure is somewhat complicated in order to be backwards compatible with older versions of mnm.

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\STARTUP\MNM70Global]

Key	Type	Value	Function
SuppressGlobal	DWORD	1 = Disable 0 = Enable	If enabled mnm will invoke the Global run component every time a profile is being applied

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\STARTUP\MNM70Global\Run]

Key	Type	Value	Function
n (enumerator 0-n). Applications are invoked in ASC order.	String	Full path to executable <Country configurable path to exe>	Specifies what application the run component will invoke.

E.g. "0"="F:\Software\Sample.exe"

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\STARTUP\MNM70Global\Run\<n>]

Key	Type	Value	Function
Sync	DWORD	1 = Synchronously 0 = Asynchronously	Specifies if the application is to be run synchronously with the mnm apply process.

E.g. "Sync"=dword:00000001

6 Global Firewall component:

The global Firewall component can be configured in two ways. Either the installer can write the appropriate settings in the registry or the settings can be imported together with a pre- configured tab.

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\VPN\MNM70Global]

Key	Type	Value	Function
SuppressGlobal	Dword	1 = Disable 0 = Enable	If enabled mnm will apply the Global Firewall settings every time a profile is being applied. To override the global firewall settings add and configure a firewall component in the profile.
Enabled	Binary	00 00 00 00 = Disabled 00 00 00 01 = Enabled	Enable/Disable Windows firewall

Note: GlobeSoft will install default versions of these profiles

7 Pre configured profiles:

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\Options\imports\<Profile>]

Key	Type	Value	Function
File	String	Full path and file name <path to customized MXP file>	Points to .mxp file to import
Profile	String	<Profile> &@COMPANY INC	Profile name

Note: The Company_inc_default.mxp will be provided by GlobeSoft

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\Options\imports\Company_inc_default]

"Profile"="@COMPANY INC"

"File"="C:\Program Files\...\NTx\Company_inc_default.mxp"

8 Push profiles:

MultiNetwork Manager supports remote updates of user profiles. This is a very powerful feature for pushing out updates or new configurations to multiple users. You have two main options, 1) Drop profile in a specific directory or 2) Write import instructions in the registry.

1. Use drop directory

When requested, MultiNetwork Manager can detect a new profile being pushed out to a client. An application pushing out a new profile only needs to upload the new file to the directory specified for pushing profiles (specified in the options dialog in MultiNetwork Manager).

Default is C:\Program Files\GlobeSoft\MultiNetwork Manager\NTx\Import

Note: The file name will be used as the profile name during import.

2. Use registry

Profiles can also be pushed out using the registry to specify where the file is located and what name the profile should have.

For each profile being pushed, a new folder is created in the registry under mnm imports.

[HKEY_LOCAL_MACHINE\Software\GlobeSoft\MultiNetManager\Options\imports\<my profile name>]

Under the new folder, a new string (REG_SZ) value called "File" is created; its value is set to the path and file name of the profile being imported. For example:

```
"File"="C:\temp\company_default.mxp"
```

The profile name is also specified in another string value called "Profile". For example:

```
"Profile"="@Head quarter office"
```

9 Disable a component:

This section provides information on how to prevent a specific component type from being visible and controllable via the mmm administration tools.

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\<COMPONENT>]

Key	Type	Value	Function
Disable	DWORD	0 = Not disabled 1 = Disabled	When set this flag will disable the <COMPONENT> component for any user

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\REGISTRY]

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\ENVIRONMENT]

10 Shared User Profiles (shared desktop)

With this powerful utility you can share a user profile from one Windows account with other accounts on the same machine. This means that you will get the same start menu, desktop etc., for all the accounts that share a common user profile. This has been available for Window 9x and Windows ME users from the Control Panel and is now also available for Windows NT/2000 and XP users using MultiNetwork Manager.

IMPORTANT! This powerful feature is not enabled automatically. You must set the registry key below to enable sharing of user profiles. The reason for this is that it was impossible to continue supporting a stable implementation for all users, i.e. users using off line file synchronization, shell encryption and other advanced desktop features introduced in recent releases of Windows.

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager]

Key	Type	{ Value	Function
EnableShareDesktop	Binary	00,00,00,00 = Disabled 01,00,00,00 = Enable	When enabled the share desktop feature will be available from within Profile Manager.

Usage

Click on Share user profiles on the Tools menu in the Profile Manager window. Select the account (profile) that you want to share with other accounts from the drop-down list at the top of the dialog.

Choose between sharing this profile with all other accounts or with specific accounts using the radio buttons. If you select to share the user profile with all users you are done.

If you want to specify the accounts that will share this profile you need to add these accounts to the list box. Use the Add and Remove buttons to edit the list. A maximum of four accounts can be added.

To remove the sharing of profiles all together you can simply clear the enable check box at the very top of the dialog. This will remove all sharing of profiles and restore the necessary system settings.

Notes

A roaming profile can not be used while the domain controller is unreachable, since the profile information is stored on the server. If the profile being shared is a roaming profile MultiNetwork Manager will set it to local while it is being shared. MultiNetwork Manager will restore this setting if you disable the sharing at a later time. Any local changes done during the time it has been shared will be lost if the domain controller is unreachable when removing the share.

MultiNetwork Manager will pick up any profile previously used on the system. You may delete unused or obsolete profiles from the system applet in the control panel. Do not delete user profiles for accounts in other domains. These accounts will be displayed as textual SID's (i.e., S-1-5-xxxxx). The usage meter function stores the following tracking information in the registry:

11 Usage meter:

The usage meter function stores the following tracking information in the registry:

[HKEY_LOCAL_MACHINE\SOFTWARE\GlobeSoft\MultiNetManager\Configurations\<Profile Name>]

Key	Type	{ Value	Function
SourceType	String	{ Imported Profile Profile Manager Basic Wizard Advanced Wizard Capture Wizard}	Source that created the profile
Created	String	MM/DD/YY – HH:MM:SS	Date profile was created
UpdateCounter	DWORD	N	Number of time the profile has been updated
Updated	String	MM/DD/YY – HH:MM:SS	Date profile was last updated
UsageCounter	String	N	Number of times the profile has been applied

There is also an UpdateCounter under each component to track the number of time a particular component (e.g. tcp/ip had been updated in a profile). This is also true for the global components.

Note: By setting the “PurgeUsageToXML” value the usage information can also be purged to an XML file.

12 Silent & Elevated Install

Silent Install

The sample command lines below will install mnm silently. When shipping an enterprise version of mnm, GlobeSoft will also include an MSI wrapper that installs customer specific settings such as a license file, pre-configured profiles etc as well as the enterprise build shipped from GlobeSoft.

```
%\>msiexec.exe /i MNetMgr.msi /qn REBOOT=R ALLUSERS=1
```

/i - Install switch

/qn - Suppress all dialogs

REBOOT=R - Suppress reboot

ALLUSERS=1 - Install all shortcuts for all users

Elevated Install

The Mnm installer can be installed from an elevated user account. Please refer to more information from Microsoft about how to configure an ordinary user account to allow elevated install. This is useful for installing mnm from a user account not belonging to the local administrator group.

In short these are the registry values required to allow an elevated install.

```
[HKEY_CURRENT_USER\Software\Policies\Microsoft\Windows\Installer]
```

```
"AlwaysInstallElevated"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Installer]
```

```
"AlwaysInstallElevated"=dword:00000001
```

13 Command line switches

	MNM 7.0	Description
ProfMgr		
	s	Silent import of profiles found in registry
	GrantUser	Grant a user privileges to TCP/IP SHARE DOMAIN
	GrantAdmin	Grant a user privileges to run Profile Manager, Profile Creator
	CreateCurrent	Creates a profile called "Create Current" with current system settings (same as CreateRecoveryProfile)
	CreateRecoveryProfile	Create a profile with current settings (connect, domain.proxy,tcPIP)
	Settings	Start the Profile Manager Settings dlg
MmnWiz		
	b	PC-to-PC
	a	display advanced wizard window
	i	display import window
	c	display capture window
	p "Profile"	apply profile
	u "Profile"	apply user
	U "Profile"	apply user BTA
	s	show BTA
	n	apply Internet Only
MNMCtrl		
	h	Do not start profile center at startup