

SELF SERVICE RESET PASSWORD MANAGEMENT

**GPO DISTRIBUTION GUIDE**

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## 1. Introduction

Self Service Reset Password Management (from here on the abbreviation 'SSRPM' will be used) is an application which allows users to reset their own (Active Directory) passwords. SSRPM is divided into three main software components, knowingly:

- The SSRPM Admin Console
- The SSRPM Service (with the SSRPM Database)
- The SSRPM User Client Software (the SSRPM Enrollment Wizard, the SSRPM Reset Wizard and the SSRPM Credential Provider or SSRPM GINA (when still running Windows XP))

The installation of SSRPM consists of the following steps: The installation of the SSRPM Admin Console, the SSRPM Service and finally the SSRPM User Client Software. The SSRPM User Client Software must be installed on each client workstation of all end-users which will use SSRPM. Instead of installing the software manually on the client workstations separately, it can be distributed and installed automatically on all client workstations, see the figure below:

Figure 1: SSRPM setup and client software distribution

This can be accomplished by using a so-called *Group Policy Object or GPO*<sup>1</sup>, and can save a lot of time (especially with larger networks). The SSRPM User Client Software can be upgraded and removed centrally by using the same GPO as well.

This document describes how the SSRPM User Client Software can be installed, upgraded and removed automatically from the client computers in your network by using a GPO.

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<sup>1</sup> *Group Policy Object or GPO: For more information about Group Policy Objects in general, see: Appendix: Group Policy Objects.*

## 2. Install the SSRPM User Client Software via a GPO

The installation of the SSRPM User Client Software by using a GPO consists of the following main steps:

1. Install and configure the SSRPM Admin Console and SSRPM Service.
2. Create an installation share for the GPO.
3. Create the GPO.
4. Install SSRPM User Client Software automatically.

### 2.1. Step 1: Install and configure the SSRPM Admin Console and Service

First of all, SSRPM must be installed by running the SSRPM setup executable (called: 'SetupSSRPM.exe'), which is available for download from the *Tools4ever website* <http://www.tools4ever.com>. This executable contains all the needed SSRPM Software Components, knowingly: the SSRPM Admin Console, SSRPM Service and SSRPM User Client Software.

When the download is finished you must run 'SetupSSRPM.exe', which will start the SSRPM Setup Wizard. This wizard will guide you through the installation process of SSRPM, which only installs the SSRPM Admin Console by default.

Once you've finished the installation of SSRPM, you must start the SSRPM Admin Console to install and configure the SSRPM Service with the SSRPM Service Installation Wizard. See the "Administrator's Guide" for more information, of which the latest version is available on the *Tools4ever website* <http://www.tools4ever.com>.

### 2.2. Step 2: Create an installation share for the GPO

To allow the installation of the SSRPM User Client Software via a GPO, an installation share is needed on which the SSRPM User Client Software installer package ('SsrpmUserClientSoftware.msi') will be placed. This package installs the SSRPM Enrollment Wizard, the SSRPM Reset Wizard and the SSRPM Credential Provider or SSRPM GINA (when still running Windows XP). The default location of this file is: 'C:\Program files\Tools4ever\SSRPM\Admin Console'. The share must be available for all computers on which the SSRPM User Client Software must be installed.

Perform the steps below to create the installation share:

1. Create a directory (for instance: 'C:\EndUserSoftware\SSRPM') and copy the 'SsrpmUserClientSoftware.msi' (which is located by default at: 'C:\Program Files\Tools4ever\SSRPM\Admin Console') to this directory.
2. Right click on the created directory and click on 'Properties'.
3. Select the 'Sharing' tab.
4. Select the 'Share this folder' radio button.
5. Enter the name of the new share (for instance: 'SSRPM').
6. Click on the 'Permissions' button.
7. Verify that the 'Everyone' group has read permissions.
8. Click on 'OK'.
9. Select the 'Security tab'.
10. Verify that the 'Everyone' group has read permissions.
11. Click on 'OK'.

## 2.3. Step 3: Create the GPO

When you've successfully created the installation share for the GPO, you can create the GPO, which distributes and installs the SSRPM User Client Software through your network. This section describes how to create this GPO depending on which operating system you are using to deploy the group policy.

### 2.3.1. Windows 2003

Perform the steps below to create the GPO:

1. Open the 'Active Directory Users and Computers' MMC snap-in.
2. Right click on the domain or OU which contains all computer accounts of the computers on which you want to install the SSRPM User Client Software (see: Appendix: Group Policy Objects), and click on the 'Properties' button.
3. Select the 'Group Policy' tab. You will see the following dialog, which shows all currently installed GPO's:
4. Click on the 'New' button to create a new GPO.

Note: It is possible to edit an existing policy instead, but preferable a new GPO should be used.

5. Enter the name for the new GPO (for instance: 'SSRPM Distribution Policy').
6. Select the new policy and click on the 'Edit' button. The 'Group Policy Object Editor' MMC snap-in will be displayed, in which all computer and user policy settings for the current GPO can be configured.
7. Expand the 'Software Settings' item in the 'Computer Configuration' branch.
8. Right click on the 'Computer Configuration -> Software Settings -> Software Installation' item and click 'New -> Package...'
9. Browse to the share created before and select the 'SsrpmUserClientSoftware.msi' package.

Warning: Do not browse to the local directory (for instance: 'C:\EndUserSoftware\SSRPM'), but to the share (for instance: '\\SERVER\_A\SSRPM'). If you select the local directory, the package will not be available to the clients in the network.

10. Click on 'OK'. You will be presented with the 'Deploy Software' window:
11. Select the 'Assigned' radio button and click on 'OK'. The 'SsrpmUserClientSoftware.msi' package will be installed automatically on all computers in the selected domain or OU:
12. Right click on the new package and select 'Properties' from the menu.
13. Edit the name for the package so that it can be easily identified (For instance: 'SSRPM Version 3.21 build 1008') and click on 'OK'.
14. Right click on the 'Administrative Templates' in the 'Computer Configuration' branch.
15. Select 'Add/Remove templates...' from the menu.
16. Click on 'Add...'
17. Browse to the location of the SSRPM Administrative Template file ('SSRPM.adm'), which is used by the GPO to configure several SSRPM settings (the default location of this file is: 'C:\Program Files\Tools4ever\SSRPM\Admin Console\ADM'). Click on 'Open'.

Note: The SSRPM Administrative Template file ('SSRPM.adm') does not need to be copied to the share (like with the installed package: 'SsrpmUserClientSoftware.msi').

18. Click on 'Close'.

19. Expand the 'Administrative templates' item in the 'Computer Configuration' branch.

Select the 'Computer Configuration -> Administrative templates -> SSRPM User Client Software' item. This will show all GPO registry settings (see the figure below), which can be defined to configure the SSRPM User Client Software centrally. These settings are described in the chapter GPO Registry Settings.

For the minimal configuration of the SSRPM User Client Software, it is required to configure the 'SSRPM Service Location' GPO setting, so that all installed SSRPM User Client Software will connect automatically to the SSRPM Service. The next steps will guide you through the configuration of this setting.

20. Double click on the 'SSRPM Service Location' Setting. This will display the 'SSRPM Service Location properties', in which you can define the computer name ('Server Name') on which the SSRPM Service is running:
21. Select the 'Enabled' radio button. This will enable the 'Server Name' edit box.
22. Enter the (NetBIOS) name of the computer on which the SSRPM Service is running in the 'Server Name' edit box and click on 'OK'.
23. Close the Group Policy Object Editor by clicking on the 'X' button.

Note: It is not required to define the other SSRPM GPO settings. A description of these settings can be found in the chapter GPO Registry Settings.

24. Click on 'Close'.

### 2.3.2. Windows 2008/2012

Perform the steps below to create the GPO:

1. Copy the ADMx file (SSRPM.admx) and the "en-US" folder, including the file "SSRPM.adml", to the folder 'C:\Windows\PolicyDefinitions' (the default location of ADMx file is: 'C:\Program Files\Tools4ever\SSRPM\Admin Console\ADMx').
2. Open the 'Group Policy Management' console.
3. Right click on the domain on which you want to apply the GPO and click on 'Create a GPO in this domain, and Link it here...'. This will open the New GPO Dialog as shown at step 3.

Note: It is possible to edit an existing policy instead, but preferable a new GPO should be used.

4. Enter the name for the new GPO (for instance: 'SSRPM Distribution Policy') and click 'OK'
5. Open the context menu of the newly created GPO, by right clicking on the GPO and click 'Edit'. This will open the 'Group Policy Management Editor':
6. Expand the 'Software Settings' item in the 'Computer Configuration' branch.
7. Right click on the 'Computer Configuration -> Software Settings -> Software Installation' item and click 'New -> Package...' to create a new software installation package.
8. Browse to the share created before and select the 'SsrpmUserClientSoftware.msi' package.

**Warning:** Do not browse to the local directory (for instance: 'C:\EndUserSoftware\SSRPM'), but to the share (for instance: '\\SERVER\_A\SSRPM'). If you select the local directory, the package will not be available to the clients in the network.

9. Click on 'OK'. You will be presented with the 'Deploy Software' window:
10. Select the 'Assigned' radio button and click on 'OK'. The 'SsrpmUserClientSoftware.msi' package will be installed automatically on all computers in the selected domain or OU:
11. Right click on the new package and select 'Properties' from the menu.
12. Edit the name for the package so that it can be easily identified (For instance: 'SSRPM Version 6.41 build 1073') and click on 'OK'.
13. Navigate to 'Computer Configuration -> Administrative Templates -> SSRPM User Client Software'.

For the minimal configuration of the SSRPM User Client Software, it is required to configure the 'SSRPM Service Location' GPO setting, so that all installed SSRPM User Client Software will connect automatically to the SSRPM Service. The next steps will guide you through the configuration of this setting.

14. Double click on the 'SSRPM Service Location' Setting. This will display the 'SSRPM Service Location properties', in which you can define the computer name ('Server Name') on which the SSRPM Service is running:
15. Select the 'Enabled' radio button. This will enable the 'Server Name' edit box.
16. Enter the (NetBIOS) name of the computer on which the SSRPM Service is running in the 'Server Name' edit box and click on 'OK'.
17. Close the Group Policy Object Editor by clicking on the 'X' button.

**Note:** It is not required to define the other SSRPM GPO settings. A description of these settings can be found in the chapter GPO Registry Settings.

18. Click on 'Close'.

## 2.4. Step 4: Install SSRPM User Client Software automatically

When the GPO has been created successfully, the SSRPM User Client Software will be installed on each workstation, which is located in the OU or is a member of the domain in which the GPO is created. This step will be performed automatically, and includes the following procedure:

### 1. Client workstation starts

A user starts his or her client workstation.

### 2. GPO applies

The GPO will be applied on the client workstation if the workstation is located in the OU or a member of the domain in which the GPO is created. This will install the SSRPM User Client Software automatically on the client workstation, by using the shared SSRPM User Client Software installer package ('SsrpmUserClientSoftware.msi'). From now on the SSRPM Enrollment Wizard, SSRPM Reset Wizard and SSRPM GINA or SSRPM Credential Provider (when the client workstation runs Windows Vista) is installed and shortcuts have been added to the Windows start menu of the client workstation.

### 3. Client workstation restarts

When the GPO has been applied, the client workstation will restart automatically. After the reboot, the extra 'Forgot My Password' button will be shown on the bottom of the client workstation's Windows logon screen. From now on every user, which uses this workstation, can see the 'Forgot My Password' button, but only the users that have actually enrolled into the SSRPM program can use it.

Note: When running Windows Vista, an extra 'Forgot My Password' link will appear on the Windows Vista logon screen, which provides the 'Forgot My Password' button functionality.

### 4. User logon

The SSRPM Enrollment Wizard will start automatically at user logon, which allows a user to enroll into the SSRPM Program immediately. This will not happen when a profile has not been configured or if the current user has already enrolled into the SSRPM program. When a user has enrolled, the user can use the SSRPM Enrollment Wizard (via an added start menu shortcut) to re-enroll or un-enroll.

### 3. Upgrade the SSRPM User Client Software via a GPO

When a new version of SSRPM has been released, the currently installed SSRPM software components can be upgraded to this version. The complete SSRPM upgrade process consists of the following steps:

1. Upgrade the SSRPM Admin Console: download and run the latest version of the SSRPM setup executable (called: 'SetupSSRPM.exe'), which is available for download at the *Tools4ever website* <http://www.tools4ever.com>.
2. Upgrade the SSRPM Service: start the SSRPM Admin Console and use the SSRPM Service Installation Wizard to upgrade the current SSRPM Service.
3. Upgrade the SSRPM User Client Software: upgrade the SSRPM User Client Software on each client workstation by using the existing GPO.

Note: These steps should be performed in the same order as described.

This chapter describes how to upgrade the SSRPM User Client Software by using the existing GPO, which is quite similar with the installation of the SSRPM User Client Software via a GPO. For more information about upgrading the SSRPM Admin Console and SSRPM Service, see the "Administrator's Guide", of which the latest version is available on the *Tools4ever website* <http://www.tools4ever.com>.

Perform the steps below to upgrade the currently installed SSRPM User Client Software on each client workstation:

1. Copy the new version of the 'SsrpmUserClientSoftware.msi' file (default location: 'C:\Program Files\Tools4ever\SSRPM\Admin Console'), to the installation share which is used by the GPO (for instance: 'C:\EndUserSoftware\SSRPM'). The old version of this file may be replaced.
2. Open the 'Active Directory Users and Computers' MMC snap-in.
3. Right click on the domain or OU which contains the GPO, which distributes the SSRPM User Client Software, and click on the 'Properties' button.
4. Select the 'Group Policy' tab. You will see the following dialog, which shows all currently installed GPO's:
5. Select the 'SSRPM Distribution Policy' or the GPO that you used to install the SSRPM User Client Software and click on 'Edit'. The 'Group Policy Object Editor' MMC snap-in will be displayed, in which all computer and user policy settings for the current GPO can be configured.
6. Expand the 'Software Settings' item in the 'Computer Configuration' branch and select the 'Software Settings' item from the tree on the left pane. The right pane will display the software packages that are installed with this GPO.
7. Right click on the 'Computer Configuration -> Software Settings -> Software Installation' item and click 'New -> Package...' to create a new upgrade package.
8. Browse to the share that you've created to install the SSRPM User Client Software via a GPO (see: *Create an installation share for the GPO* on page 2) and select the 'SsrpmUserClientSoftware.msi' package.

**Warning:** Do not browse to the local directory (for instance: 'C:\EndUserSoftware\SSRPM'), but to the share (for instance: '\\SERVER\_A\SSRPM'). If you select the local directory, the package will not be available to the clients in the network.
9. Click on 'OK'. You will be presented with the 'Deploy Software' window:
10. Select the 'Assigned' radio button and click on 'OK'.

11. In the right pane, right click on the new (upgrade) package (that is, not the package to be upgraded) and click on 'Properties' from the menu.
12. Edit the name for the package so that it can be identified (for instance: 'SSRPM Version 3.21 Build 1008').
13. Click the 'Upgrades' tab.
14. Click on 'Add...' to create or add to the list of packages that you want to upgrade with the new upgrade package. This will display the 'Add Upgrade Package' Window:
15. Select the package that must be upgraded (for instance: 'SSRPM Version 3.20 1006').
16. Make sure that the 'Current Group Policy Object (GPO)' radio button in the 'Choose a package from' area is selected and that the 'Uninstall the existing package, then install the upgrade package' in the 'Package to upgrade' area is selected.
17. Click on 'OK' (twice).
18. Right click on the 'Administrative Templates' in the 'Computer Configuration' branch.
19. Select 'Add/Remove templates...' from the menu.
20. Click on 'Add...'.
21. Browse to the location of the SSRPM Administrative Template file ('SSRPM.adm'), which is used by the GPO to configure several SSRPM settings (the default location of this file is: 'C:\Program Files\Tools4ever\SSRPM\Admin Console\ADM'). Click on 'Open'.
22. You will be asked if you would like to replace the existing file. Click on 'Yes'. This will replace the old SSRPM version of the Administrative Template with the new one.
23. Click on 'Close'.
24. Close the Group Policy Object Editor by clicking on the 'X' button.
25. Click on 'OK'.

When the GPO has been modified successfully, the SSRPM User Client Software will be upgraded on each client workstations for which this GPO is applicable. This upgrade will be performed automatically, according to the following procedure:

1. **Client workstation starts**

A user starts his or her client workstation.

2. **GPO applies**

The GPO will be applied on the client workstation if the workstation is located in the OU or a member of the domain on which the GPO is applicable. This will upgrade the installed version of the SSRPM User Client Software to the new version.

3. **Client workstation restarts**

When the GPO has been applied, the client workstation will restart automatically. After this restart, the SSRPM User Client software has been upgraded and is ready for use.

## 4. Uninstall the SSRPM User Client Software via a GPO

To uninstall SSRPM, all currently installed SSRPM software components must be uninstalled separately. The complete uninstallation of SSRPM consists of the following steps:

1. Uninstall the SSRPM User Client Software: uninstall the SSRPM User Client Software from each client workstation by using the existing GPO.
2. Uninstall the SSRPM Service: start the SSRPM Admin Console and use the SSRPM Service Installation Wizard to remove the current SSRPM Service.
3. Uninstall the SSRPM Admin Console: uninstall the SSRPM Admin Console by running the SSRPM setup executable (called: 'SetupSSRPM.exe') or by using the Windows 'Add or Remove programs' tool.

Note: These steps should be performed in the same order as described.

This chapter describes how to uninstall the SSRPM User Client Software by using the existing GPO. For more information about removing the SSRPM Admin Console and SSRPM Service, see the "Administrator's Guide", of which the latest version is available on the *Tools4ever website* <http://www.tools4ever.com>.

Perform the steps below to uninstall the currently installed SSRPM User Client Software from each client workstation:

1. Open de 'Active Directory Users and Computers' MMC snap-in.
2. Right click on the domain or OU which contains the GPO, which distributes the SSRPM User Client Software, and click on the 'Properties' button.
3. Select the 'Group Policy' tab. You will see the following dialog, which shows all currently installed GPO's:
4. Select the 'SSRPM Distribution Policy' or the GPO that you used to install the SSRPM User Client Software and click on 'Edit'. The 'Group Policy Object Editor' MMC snap-in will be displayed, in which all computer and user policy settings for the current GPO can be configured:
5. Expand the 'Software Settings' item in the 'Computer Configuration' branch and select the 'Software Settings' item from the tree. The right pane will display the software packages that are installed with this GPO.
6. Right click on the 'SSRPM User Client Software' item and select 'All Task -> Remove...'. This will display the 'Remove Software' dialog:
7. Check the 'Immediately uninstall the software from users and computers' radio button and click on 'OK'.
8. Close the Group Policy Object Editor by clicking on the 'X' button.
9. Click on 'Close'.

When the GPO has been modified successfully, the SSRPM User Client Software will be uninstalled from each client workstations for which this GPO is applicable. The uninstallation will be performed automatically, according to the following procedure:

1. **Client workstation starts**

A user starts his or her client workstation.

2. **GPO applies**

The GPO will be applied on the client workstation if the workstation is located in the OU or a member of the domain on which the GPO is applicable. This will remove the installed SSRPM User Client Software from the client workstation.

### 3. Client workstation restarts

When the GPO has been applied, the client workstation will restart automatically. After this restart, the SSRPM User Client software has been removed completely from the client workstation. From now on users cannot use the SSRPM functionality on this client workstation.

## 5. GPO Registry Settings

### 5.1. General client settings

This chapter contains the description of all SSRPM User Client Software registry settings that can be configured through a GPO. The configuration of these settings will be distributed to each target client workstation registry (located at: 'HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Tools4ever\SSRPM\Wizards').

#### GPO Setting: SSRPM Service Location

*Description:* Specifies the name(s) of the computer(s) on which the SSRPM Service is running and to which the SSRPM Enrollment Wizard and SSRPM Reset Wizard must connect.

*Implementation:* When enabled, the SSRPM Enrollment Wizard and SSRPM Reset Wizard will automatically connect to the SSRPM Service on the computer specified in the 'Server Name' edit box. When disabled or not configured, users will be asked to enter the name of the computer on which the SSRPM Service is running when they start the SSRPM Enrollment Wizard or SSRPM Reset Wizard.

**If multiple SSRPM Services are configured to run with the possibility to fail over, enter the names of all participating SSRPM Services separated by a comma.**

*Registry value name:* Server Name

*Registry value type:* REG\_SZ

*Registry value data:* The NetBIOS name of the computer on which the SSRPM Service is running, for instance: LION or BLACKBIRD.

*Registry value syntax:* NetBIOS name(s)

#### GPO Setting: SSRPM Service Port Number

*Description:* Specifies the port number which is in use by the SSRPM Service. The same port number must be used by the SSRPM Enrollment Wizard and SSRPM Reset Wizard to be able to connect to the SSRPM Service. This setting must be specified only if the SSRPM Service uses another port number instead of the default ('37946').

*Implementation:* When enabled, the SSRPM Enrollment Wizard and SSRPM Reset Wizard will connect to the SSRPM Service using the port number entered in the 'Port Number' edit box. When disabled or not configured, the SSRPM Reset Wizard and SSRPM Enrollment Wizard will connect to the SSRPM Service, using the default port number ('37946').

*Registry value name:* Port Number

*Registry value type:* REG\_DWORD

*Registry value data:* A numeric value between 1 and 65535 of the port number which is in use by the SSRPM Service, for instance: 42565.

*Registry value syntax:* Numeric value

Note: When the specified port number does not match the port number which is in use by the SSRPM Service, the SSRPM Enrollment Wizard and SSRPM Reset Wizard won't be able to connect to the SSRPM Service.

**GPO Setting: Reset Wizard Locale**

*Description:* Specifies the location of the SSRPM Reset Wizard locale file. This file contains all text of the SSRPM Reset Wizard user interface and must be used by the SSRPM Reset Wizard to be able to display the text in the user interface in multiple languages. This setting must be specified when the SSRPM Reset Wizard must load a locale file, which is located elsewhere (for instance when the SSRPM Reset Wizard locale file is maintained centrally and is located on a network share).

*Implementation:* When enabled, the SSRPM Reset Wizard will load the locale file from the location specified in the 'Reset Wizard Locale' edit box.  
When disabled or not configured, the SSRPM Reset Wizard will load the locale file from the default location ('C:\Program Files\Tools4ever\SSRPM\Reset Wizard\LocaleResetWizard.txt').

*Registry value name:* Reset Wizard Locale

*Registry value type:* REG\_SZ

*Registry value data:* The path to an SSRPM Reset Wizard locale file, for instance:  
\\SERVER\_A\SSRPM\LocaleResetWizard.txt.

*Registry value syntax:* File path

Note: If the SSRPM Reset Wizard locale file fails to load, the SSRPM Reset Wizard will run using the default language (English).

**GPO Setting: Enrollment Wizard Locale**

*Description:* Specifies the location of the SSRPM Enrollment Wizard locale file. This file contains all text of the SSRPM Enrollment Wizard user interface and must be used by the SSRPM Enrollment Wizard to be able to display the text in the user interface in multiple languages. This setting must be specified when the SSRPM Enrollment Wizard must load a locale file, which is located elsewhere (for instance when the SSRPM Enrollment Wizard locale file is maintained centrally and is located on a network share).

*Implementation:* When enabled, the SSRPM Enrollment Wizard will load the locale file from the location specified in the 'Enrollment Wizard Locale' edit box.  
When disabled or not configured, the SSRPM Enrollment Wizard will load the locale file from the default location ('C:\Program Files\Tools4ever\SSRPM\Enrollment Wizard\LocaleEnrollmentWizard.txt').

*Registry value name:* Enrollment Wizard Locale

*Registry value type:* REG\_SZ

*Registry value data:* The path to an SSRPM Enrollment Wizard locale file, for instance:  
\\SERVER\_A\SSRPM\LocaleEnrollmentWizard.txt.

*Registry value syntax:* File path

Note: If the SSRPM Enrollment Wizard locale file fails to load, the SSRPM Enrollment Wizard will run using the default language (English).

**GPO Setting: GINA Locale**

Note: This setting will not be used when running Windows Vista, in which case the GINA architecture has been replaced with the new so-called Credential Provider model. For this SSRPM is shipped with its own SSRPM Credential Provider of which the location of the locale file can be specified with another GPO Setting: Credential Provider Locale.

- Description:* Specifies the location of the SSRPM GINA locale file. This file contains all text of the SSRPM GINA user interface and must be used by the SSRPM GINA to be able to display the text in the user interface in multiple languages. This setting must be specified when the SSRPM GINA must load a locale file, which is located elsewhere (for instance when the SSRPM GINA locale file is maintained centrally and is located on a network share).
- Implementation:* When enabled, the SSRPM GINA will load the locale file from the location specified in the 'GINA Locale' edit box.  
When disabled or not configured, the SSRPM GINA will load the locale file from the default location ('LocaleGina.txt' within the Windows System32-directory).
- Registry value name:* GINA Locale
- Registry value type:* REG\_SZ
- Registry value data:* The path to an SSRPM GINA locale file, for instance: \\SERVER\_A\SSRPM\LocaleGina.txt.
- Registry value syntax:* File path

Note: If the SSRPM GINA locale file fails to load, the SSRPM GINA will use the default language (English).

### GPO Setting: Credential Provider Locale

Note: This setting will only be used when running Windows Vista, in which case the GINA architecture has been replaced with the new so-called Credential Provider model. For this the SSRPM Credential Provider will be used instead of the SSRPM GINA when the SSRPM User Client Software has been installed.

- Description:* Specifies the location of the SSRPM Credential Provider locale file. This file contains all text of the SSRPM Credential Provider user interface and must be used by the SSRPM Credential Provider to be able to display the text in the user interface in multiple languages. This setting must be specified when the SSRPM Credential Provider must load a locale file, which is located elsewhere (for instance when the SSRPM Credential Provider locale file is maintained centrally and is located on a network share).
- Implementation:* When enabled, the SSRPM Credential Provider will load the locale file from the location specified in the 'Credential Provider Locale' edit box.  
When disabled or not configured, the SSRPM Credential Provider will load the locale file from the default location ('LocaleCredProv.txt' within the Windows System32-directory).
- Registry value name:* Credential Provider Locale
- Registry value type:* REG\_SZ
- Registry value data:* The path to an SSRPM Credential Provider locale file, for instance: \\SERVER\_A\SSRPM\LocaleCredProv.txt.
- Registry value syntax:* File path

Note: If the SSRPM Credential Provider locale file fails to load, the SSRPM Credential Provider will use the default language (English).

**GPO Setting: Do not use the last logged on user**

*Description:* Specifies if the SSRPM Reset Wizard will use the user name of the last logged on user. The SSRPM Reset Wizard uses the name of an enrolled user to identify a user, so the questions of this user can be shown. The user name can be specified by the user itself or the SSRPM Reset Wizard can use the name of the user which has last logged on (the last logged on user). By default, the SSRPM Reset Wizard will use the last logged on user to identify. This is preferred, unless a client workstation is used by multiple users.

*Registry value name:* DisableLastLoggedOnUser

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Use the last logged on user.  
1 = Do not use the last logged on user.

*Registry value syntax:* Not configured, Enabled, Disabled.

Note: If the last logged-on user does not match the user which wants to reset his or her password, the user still can re-identify within the SSRPM Reset Wizard.

**GPO Setting: Do not allow users to re-enroll into the SSRPM program**

*Description:* Specifies if a user is allowed to re-enroll into the SSRPM, by running the SSRPM Enrollment Wizard (from the start menu) when he or she has already enrolled. Specify this setting if you want to limit this functionality in the SSRPM Enrollment Wizard, in which case the re-enroll option (shown in the SSRPM Enrollment Wizard) will be grayed out and cannot be used. Security administrators may prefer this setting enabled, to control the re-enrollment process of a user.

*Registry value name:* DisallowReEnroll

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Allow users to re-enroll into the SSRPM program.  
1 = Do not allow users to re-enroll into the SSRPM program.

*Registry value syntax:* Not configured, Enabled, Disabled.

**GPO Setting: Do not allow users to un-enroll from the SSRPM program**

*Description:* Specifies if a user is allowed to un-enroll from SSRPM, by running the SSRPM Enrollment Wizard (from the start menu) when he or she has already enrolled. Specify this setting if you want to limit this functionality in the SSRPM Enrollment Wizard, in which case the un-enroll option (shown in the SSRPM Enrollment Wizard) will be grayed out and cannot be used. Security administrators may prefer this setting enabled, to force users to use SSRPM.

*Registry value name:* DisallowUnEnroll

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Allow users to un-enroll from the SSRPM program.  
1 = Do not allow users to un-enroll from the SSRPM program.

*Registry value syntax:* Not configured, Enabled, Disabled.

**GPO Setting: SSRPM Enrollment Wizard Enrollment Check Interval**

*Description:* Specifies the period in which the SSRPM Enrollment Wizard must check with the SSRPM Service. The SSRPM Enrollment Wizard must check periodically with the SSRPM Service if a user has already enrolled to determine if the SSRPM Enrollment Wizard must show up when a user logs on. Specify this setting if you want to let the SSRPM Enrollment Wizard check a user's enrollment state more or less often.

*Implementation:* When enabled, the SSRPM Enrollment Wizard will check with the SSRPM Service if a user is enrolled using the check interval entered in the 'Enrollment Check Interval' edit box. When disabled or not configured, the SSRPM Enrollment Wizard will check with the SSRPM Service if a user is enrolled, based on the default check interval (162 hours, which comes to approximately each week). If the Enrollment Wizard always must check if the user is enrolled, set this value to 0.

*Registry value name:* Enrollment Check Interval

*Registry value type:* REG\_DWORD

*Registry value data:* A numeric value, which specifies the period of the enrollment check interval in hours, for instance: 22 or 164.

*Registry value syntax:* Numeric value

Note: When defining a check interval, please note that you must take account with a certain margin. For instance if you want to let the SSRPM Enrollment Wizard check each day, take a margin of approximately 2 hours, because the interval of which all users logon (when they logon daily) will not be exactly 24 hours. In this case the check interval will be 22 hours instead of 24 hours.

**GPO Setting: Language Used**

*Description:* Specifies the user interface language, which must be used by the SSRPM Reset Wizard, SSRPM Enrollment Wizard and the SSRPM GINA or SSRPM Credential Provider (when running Windows Vista).

*Implementation:* When enabled, the SSRPM Reset Wizard, SSRPM Enrollment Wizard and SSRPM GINA or SSRPM Credential Provider will try to use the language which is specified in the 'Language Used' edit box instead of the language used by the operating system. When disabled or not configured, the SSRPM Reset Wizard, SSRPM Enrollment Wizard and SSRPM GINA or SSRPM Credential Provider will try to use the same language as the operating system of the client workstation.

*Registry value name:* Language

*Registry value type:* REG\_SZ

*Registry value data:* The name of the language you want to use, for instance: English, French, German and so on.

*Registry value syntax:* Language name

Note: If the specified or operating system language is not present in the locale files used by the SSRPM Reset Wizard, the SSRPM Enrollment Wizard and the SSRPM GINA or SSRPM Credential Provider (when running Windows Vista), the default language will be used (English).

**GPO Setting: Disable messages during Enrollment Wizard autostart**

*Description:* Specifies if error and warning messages will be shown, when the SSRPM Enrollment Wizard starts automatically at user logon (for instance: when the SSRPM Enrollment Wizard could not connect to the SSRPM Service or if the server name has not been specified and so on).

*Registry value name:* EnrollmentWizardDisableMessages

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Show messages when the SSRPM Enrollment Wizard starts automatically.  
1 = Disable messages when the SSRPM Enrollment Wizard starts automatically.

*Registry value syntax:* Not configured, Enabled, Disabled.

**GPO Setting: Disable the cancel button in the Enrollment Wizard**

*Description:* Specifies if the cancel button in the SSRPM Enrollment Wizard must be disabled. When the cancel button is disabled it will be grayed out and the user cannot cancel or close the SSRPM Enrollment Wizard, which will help force users to enroll into SSRPM.

*Registry value name:* EnrollmentWizardDisableCancel

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Enable the cancel button within the SSRPM Enrollment Wizard.  
1 = Disable the cancel button within the SSRPM Enrollment Wizard.

*Registry value syntax:* Not configured, Enabled, Disabled.

**GPO Setting: Make the Enrollment Wizard stay on top always**

*Description:* Specifies if the SSRPM Enrollment Wizard must appear always on top of all other active windows. When the SSRPM Enrollment Wizard appears 'always on top', it cannot be hidden by other windows or minimized and will help force the user to Enroll into SSRPM together with the GPO setting: Disable the cancel button in the Enrollment Wizard.

*Registry value name:* EnrollmentWizardAlwaysOnTop

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Do not appear always on top of all other active windows.  
1 = Appear always on top of all other active windows.

*Registry value syntax:* Not configured, Enabled, Disabled.

**GPO Setting: Do not allow the user to move the Enrollment Wizard outside the desktop**

*Description:* When this option is enabled, the user will not be able to move the Enrollment Wizard outside the visible desktop.

*Registry value name:* EnrollmentWizardStayInDesktop

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Allowed to move outside of the visible desktop  
1 = The Wizard must remain visible on the desktop.

*Registry value syntax:* Not configured, Enabled, Disabled.

**GINA Control Position**

*Description:* This setting can be used to solve compatibility problems with other GINA extensions. If the controls of the SSRPM GINA are overlapping with the controls of another GINA extension, set this value to 1.

*Registry value name:* GINAControlPosition

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Position the controls relative to the bottom of the logon screen (default)  
1 = Position the controls relative to the 'OK' button.

*Registry value syntax:* 0 or 1

### **GINA Chaining Mode**

*Description:* This settings is used to solve compatibility options with other GINA extensions. **Please note that using this value incorrectly can result in machines not being able to boot.**

*Registry value name:* GINACHainingMode

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Load the next GINA that was found during installation. (default)  
1 = Do not load the next GINA in chain; just load MSGINA.dll  
2 = Load the GINA specified in 'GINA to Load'.

*Registry value syntax:* 0,1 or 2

### **GINA To Load**

*Description:* This settings is used to solve compatibility options with other GINA extensions. **Please note that using this value incorrectly can result in machines not being able to boot.**

*Registry value name:* GINAToLoad

*Registry value type:* REG\_SZ

*Registry value data:* The filename of the GINA to load.

*Registry value syntax:* A GINA filename

### **Make all controls and text reachable via tab**

*Description:* Specifies if buttons, images and text are accessible by using the tab key.  
This setting applies to both the SSRPM Enrollment Wizard and the SSRPM Reset Wizard.  
This option is useful in combination with screen reader applications such as JAWS.

*Registry value name:* TabAllControls

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Normal behavior, only buttons are accessible by using the tab key.  
1 = Both images, text and buttons are accessible by using the tab key.

*Registry value syntax:* 0 or 1

### **Custom date format for enrollment wizard**

*Description:* Uses the specified format to format the displayed date in the SSRPM Enrollment Wizard.

The default format is US date format: %m-%d-%Y %H:%M:%S

The date format uses the following variables, these variables will be replaced with the value that they represent, other characters will remain unaffected.

Here is a list of possible variables:

**%b** Abbreviated month name  
**%B** Full month name  
**%c** Date and time representation appropriate for locale  
**%d** Day of month as decimal number (01 – 31)  
**%H** Hour in 24-hour format (00 – 23)  
**%I** Hour in 12-hour format (01 – 12)  
**%j** Day of year as decimal number (001 – 366)  
**%m** Month as decimal number (01 – 12)  
**%M** Minute as decimal number (00 – 59)  
**%p** Current locale's A.M./P.M. indicator for 12-hour clock  
**%S** Second as decimal number (00 – 59)  
**%U** Week of year as decimal number, with Sunday as first day of week (00 – 53)  
**%w** Weekday as decimal number (0 – 6; Sunday is 0)  
**%W** Week of year as decimal number, with Monday as first day of week (00 – 53)  
**%x** Date representation for current locale  
**%X** Time representation for current locale  
**%y** Year without century, as decimal number (00 – 99)  
**%Y** Year with century, as decimal number  
**%z, %Z** Either the time-zone name or time zone abbreviation, depending on registry settings; no characters if time zone is unknown  
**%%** Percent sign

*Registry value name:* DateFormat

*Registry value type:* REG\_SZ

*Registry value data:* Date format, for example: %m-%d-%Y %H:%M:%S

*Registry value syntax:* A valid date format

### Default Domain To Select

*Description:* Use this value to force the SSRPM Reset Wizard to select specified domain by default. This parameter only works if the SSRPM Reset Wizard can match the specified default domain with the available domains.

*Registry value name:* DefaultDomainToSelect

*Registry value type:* REG\_SZ

*Registry value data:* The default domain to select

*Registry value syntax:* A valid domain name

### Default Domain To Select Is Mandatory

*Description:* Use this value to force the SSRPM Reset Wizard only display the specified default domain. This parameter only works if the SSRPM Reset Wizard can match the specified default domain with the available domains.

*Registry value name:* DefaultDomainToSelectIsMandatory

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Show all available domains  
 1 = Only show default domain to select (if available).

*Registry value syntax:* 0 or 1

### SSRPM Determine Default Language Method

*Description:* Use this policy setting to use a different method to determine the default language of the user.

Options:

0 - Use the default language of the system, this is the default method.

1 - Use the language that is associated with the settings for currency and date formats.

2 - Use the language of the user interface (dialogs and menu's).

*Registry value name:* GetLanguageMethod

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Use the default language of the system, this is the default method.

1 = Use the language that is associated with the settings for currency and date formats.

2 = Use the language of the user interface (dialogs and menu's).

*Registry value syntax:* 0, 1 or 2

### Enable SSRPM GINA or Credential Provider

*Description:* Use this value to enable or disable the SSRPM GINA or Credential provider. Set this value to '1' (default) to enable the GINA or credential provider..

*Registry value name:* GINAEnabled

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Disable

1 = Enable

*Registry value syntax:* 0 or 1

### Wrap another Credential Provider

*Description:* Use this setting to force the SSRPM credential provider to wrap a specific credential provider. This value should contain the CLSID of the credential provider, that SSRPM should wrap. An example of a CLSID: '{33592d29-4c1d-4732-a607-d01a81215385}'. Please note that is not without risk! The SSRPM credential provider may not be compatible with the other credential provider.

*Registry value name:* WrapCredProvCLSID

*Registry value type:* REG\_SZ

*Registry value data:* CLSID of other credential provider

*Registry value syntax:* A valid CLSID

### Filter a specific Credential Provider

*Description:* Use this setting to force the SSRPM credential provider to filter a specific credential provider. This value should contain the CLSID of the credential provider, that SSRPM should filter. An example of a CLSID: '{33592d29-4c1d-4732-a607-d01a81215385}'.

*Registry value name:* FilterCredProvCLSID

*Registry value type:* REG\_SZ

*Registry value data:* CLSID of other credential provider

*Registry value syntax:* A valid CLSID

### Load MS GINA on chaining failure

*Description:* Use this value to prevent the SSRPM GINA to load the MS GINA if an error occurs while loading the next GINA in the chain. Set this value to '0' to disable loading the MS GINA if the next GINA in the chain fails to load.

*Registry value name:* LoadMSGINAOnChainingFailure

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Disable  
1 = Enable

*Registry value syntax:* 0 or 1

### **Show GINA chaining failure error message**

*Description:* Use this value to prevent the SSRPM GINA from showing an error message if the SSRPM GINA fails to load the next GINA in the chain. Set this value to '0' to disable the error message.

*Registry value name:* ShowErrorGINAChainingFailure

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Disable  
1 = Enable

*Registry value syntax:* 0 or 1

### **Rpc Connection Attempts**

*Description:* Use this value to configure the number of times the clients will try to connect to the SSRPM service, if the first attempt fails.

*Registry value name:* RpcConnectAttempts

*Registry value type:* REG\_DWORD

*Registry value data:* 0 or higher

*Registry value syntax:* A valid positive number

### **Use RpcMgmtIsServerListening**

*Description:* Use this value to configure the SSRPM clients to use the function 'RpcMgmtIsServerListening' to check if the RPC server is listening. This function will consume a lot of time if the RPC server is not available. Set this value to '1' to force the clients to use the function.

*Registry value name:* UseRpcMgmtIsServerListening

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Disable  
1 = Enable

*Registry value syntax:* 0 or 1

### **Get User Credentials From Tile**

*Description:* Use this value to configure the method on how the SSRPM credential provider gets the username and domain.

Options:

0 - Default: Ask the wrapped credential provider.

1 - Get the username and domain from the credential provider tile. Some credential providers, such as ZenWorks version 10 SP3 require this setting.

*Registry value name:* GetUserCredentialsMethod

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Default: Ask the wrapped credential provider.  
1 = Get the username and domain from the credential provider tile.

*Registry value syntax:* 0 or 1

### Default Credential Index Behaviour

*Description:* Use this value to configure which credential provider tile will be used as default.  
Options:  
0 - Default: The last logged on user tile.  
1 - No default credential provider tile.  
2 - Don't overwrite the default credential provider specified by the wrapped credential provider. Necessary when wrapping certain credential providers such as the Sophos credential provider.

*Registry value name:* DefaultCredentialIndexBehaviour

*Registry value type:* REG\_DWORD

*Registry value data:* 0 - Default: The last logged on user tile.  
1 - No default credential provider tile.  
2 - Don't overwrite the default credential provider specified by the wrapped credential provider.

*Registry value syntax:* 0, 1 or 2

### Autostart Disabled

*Description:* Use this value to disable the autostart functionality of the enrollment wizard.  
Options:  
0 - No, default: The enrollment wizard is started and displayed if the user needs to enroll.  
1 - Yes, the wizard is not displayed.

*Registry value name:* AutostartDisabled

*Registry value type:* REG\_DWORD

*Registry value data:* 0 - No  
1 - Yes

*Registry value syntax:* 0 or 1

### Show Wizard On Autostart Interval

*Description:* Use this value to change the default interval for showing the Enrollment Wizard if a user is not enrolled. This interval (in hours) specifies how often the SSRPM Enrollment Wizard is shown if a user is not enrolled. Set it to 0 to check always.

*Registry value name:* ShowWizardOnAutostartInterval

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0 or a interval in hours

### Offline Logon Data Check Interval

*Description:* Use this value to change the default offline logon data check interval. This interval (in hours) specifies how often the SSRPM Enrollment Wizard should check if the offline logon data for the user of that machine is should be updated. Set it to 0 to check always.

*Registry value name:* OfflineLogonDataCheckInterval

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0 or a interval in hours

### Webserver URL Enroll

*Description:* Use this value to specify the URL of the SSRPM web server configured with Windows authentication that will be used by the Enrollment Wizard. The webserver must be configured to use HTTPS, this enforced by the client and the URL doesn't need to contain the HTTPS:// prefix.

*Registry value name:* WebserverUrlEnroll

*Registry value type:* REG\_SZ

*Registry value data:* String

*Registry value syntax:* A valid URL

### **Webserver URL Reset**

*Description:* Use this value to specify the URL of the SSRPM web server configured with forms authentication that will be used by the Reset Wizard. The webserver must be configured to use HTTPS, this enforced by the client and the URL doesn't need to contain the HTTPS:// prefix.

*Registry value name:* WebserverUrlReset

*Registry value type:* REG\_SZ

*Registry value data:* String

*Registry value syntax:* A valid URL

### **Proxy Address**

*Description:* Use this value to specify the address of the proxy that the Browser client should use.

*Registry value name:* ProxyAddress

*Registry value type:* REG\_SZ

*Registry value data:* String

*Registry value syntax:* A valid address

### **Proxy ByPass**

*Description:* Use this value to specify the bypass list of the proxy that the Browser client should use.

*Registry value name:* ProxyByPass

*Registry value type:* REG\_SZ

*Registry value data:* String

*Registry value syntax:* A valid bypass list

### **Proxy Access Type**

*Description:* Use this value to specify the access type of the proxy that the Browser client should use." Options:

0 - WINHTTP\_ACCESS\_TYPE\_DEFAULT\_PROXY: Retrieves the proxy or direct configuration from the registry.

1 - WINHTTP\_ACCESS\_TYPE\_NO\_PROXY - Resolves all host names locally.

3 - WINHTTP\_ACCESS\_TYPE\_NAMED\_PROXY - Passes requests to the proxy unless a proxy bypass list is supplied and the name to be resolved bypasses the proxy.

4 - WINHTTP\_ACCESS\_TYPE\_AUTOMATIC\_PROXY - Replacement of WINHTTP\_ACCESS\_TYPE\_DEFAULT\_PROXY for Windows 8.1 and higher

*Registry value name:* ProxyAccessType

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0, 1, or 2

### **Use Forms Authentication For Enrollment**

*Description:* Use this value to force the browser client to use forms authentication instead of windows authentication. Set to 1 to use forms authentication.

*Registry value name:* UseFormsAuthenticationForEnrollment

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0 or 1

### **Resolve Timeout**

*Description:* Use this value to configure the resolve timeout value (in milliseconds) used by the client launcher to validate the URL.  
Default value: 0

*Registry value name:* ResolveTimeout

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0-1000000

### **ConnectTimeout**

*Description:* Use this value to configure the connect timeout value (in milliseconds) used by the client launcher to validate the URL.  
Default value: 60000

*Registry value name:* ConnectTimeout

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0-1000000

### **Send and Receive Timeout**

*Description:* Use this value to configure the send and receive Timeout value (in milliseconds) used by the client launcher to validate the URL.  
Default value: 60000

*Registry value name:* SendReceiveTimeout

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0-1000000

### **Force Client Type**

*Description:* Use this value to force the client launcher to start a specific client type.  
Options:  
0 - Autodetect - The client launcher will check if it can launch the browser client, if that fails it will launch the legacy desktop client.  
1 - Desktop - The client launcher will launch the legacy desktop clients.  
2 - Browser - The client launcher will launch the browser client, unless the offline logon functionality is enabled and is possible for that user, in which case it will launch the legacy desktop client.

*Registry value name:* ForceClientType

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0-2

### **Make the Reset Wizard stay on top always**

*Description:* Use this value to force the Reset Wizard to remain 'always on top'. The Reset Wizard cannot be hidden by other windows.

*Registry value name:* ResetWizardAlwaysOnTop

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Normal  
1 = Always on top

*Registry value syntax:* Not configured, Enabled, Disabled.

### **Disable HTTPS Restriction**

*Description:* Use this value to disable the HTTP requirement for the clients. It will allow you to use a HTTP web interface instead of HTTPS. This is not recommended!

*Registry value name:* DisableHttpsRestriction

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Normal  
1 = Always on top

*Registry value syntax:* Not configured, Enabled, Disabled.

### **Disable the credential provider filter for the CREDUI scenario**

*Description:* Enabling this options will disable the credential provider filter for the CREDUI scenario. You should disable the filter if the credential provider is not showing any tiles when trying to run a programs with 'Run As...'

*Registry value name:* FilterCredUI

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Enable filter in the CREDUI scenario  
1 = Disable filter in the CREDUI scenario

*Registry value syntax:* Not configured, Enabled, Disabled.

### **Maximum autostart count with cancel allowed**

*Description:* Use this value to specify the specific number of times an end-user is allowed to cancel the enrollment wizard when it is started upon logon. This option requires that the option '**Disable the cancel button in the Enrollment Wizard**' is set to true.

*Registry value name:* MaxAutostartCountWithCancelAllowed

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* 0-9999

### **Always check for ICredentialProviderV2 presence**

*Description:* Use this value to specify whether or not the credential provider should always try to load the interface face ICredentialProviderV2. By default this behaviour is enabled. However when wrapping 3rd party credential providers, such as the 2X Credential Provider it might be necessary to disable this behaviour on Windows 7 machines.

*Registry value name:* AlwaysCheckForICredentialProviderV2

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* Not configured, Enabled, Disabled.

### **Enable onboarding link in credential provider**

*Description:* Use this value to enable the onboarding link in the credential provider.

*Registry value name:* OnboardingEnabled

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* Not configured, Enabled, Disabled.

### **Disable token check in browser client**

*Description:* Use this value to disable the token check in the Browser client (not recommended). This check is used to validate that the web page that is opened is a valid SSRPM web interface.

*Registry value name:* DisableTokenCheck

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* Not configured, Enabled, Disabled.

### **Disable service communication in client launcher**

*Description:* Use this value to disable service communication in the client launcher (not recommended). This means that all checks that depend on the service are skipped. This includes the token check, the offline logon checks and the enrollment checks.

*Registry value name:* DisableServiceCommunication

*Registry value type:* REG\_DWORD

*Registry value data:* Number

*Registry value syntax:* Not configured, Enabled, Disabled.

### **Specify default background color of browser client**

*Description:* Use this value to set the default color of the browser client in hexadecimal. The default value is 0x000088.

*Registry value name:* DisableServiceCommunication

*Registry value type:* REG\_SZ

*Registry value data:* Hexadecimal value, e.g. "0x00FF00"

*Registry value syntax:* Not configured

## 5.2. Offline mode settings

This chapter contains the description of all registry settings for the offline mode that can be configured through a GPO.

These settings refer only to the GINA and Credential Provider of the offline mode. You will still need to configure the settings for the Client software using the regular ADM file.

The configuration of these settings will be distributed to each target client workstation registry (located at: 'HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Tools4ever\SSO\User Client\GINA').

### Enable SSRPM GINA or Credential Provider

*Description:* Use this value to enable or disable the SSRPM Offline GINA or Offline Credential Provider. Set this value to '1' (default) to enable the GINA or credential provider..

*Registry value name:* GINAEnabled

*Registry value type:* REG\_DWORD

*Registry value data:* 0 = Disable  
1 = Enable

*Registry value syntax:* 0 or 1

### GPO Setting: Log Location

*Description:* Specify the location of the log file used by the offline GINA/Credential Provider.

*Registry value name:* Log Location

*Registry value type:* REG\_SZ

*Registry value data:* The location of the log file, e.g. "C:\Logs\SSRPM\_log.txt".

*Registry value syntax:* File path

### GPO Setting: Enable or Disable Logging

*Description:* Use this value to configure which message types should be logged by the GINA or Credential Provider.

*Implementation:* The value is a mask and distinguishes between the following message types:

Error:	1
Info:	2
Debug:	4
Name translate:	8
Variables:	16
Group SIDS:	32

Since it is a mask you can determine which message types are logged by add up the values of the desired message types. Or you can use the hexadecimal value 0xFFFFFFFF to show all messages types.

*Registry value name:* Logging

*Registry value type:* REG\_DWORD

*Registry value data:* A numeric number between 0 and 4294967295  
0 = Disable log messages  
0xFFFFFFFF = Enable logging for all message types

*Registry value syntax:* A numeric value

### GPO Setting: Enable Force Logoff Button

*Description:* Use this value to enable the force logoff button in the GINA/Credential Provider.

*Registry value name:* EnableForceLogoffButton

*Registry value type:* REG\_DWORD

*Registry value data:* A numeric value.  
0 = Disable  
1 = Enable

*Registry value syntax:* 0 or 1

### **GPO Setting: Enable Shutdown Button**

*Description:* Use this value to enable the shutdown button in the GINA/Credential Provider.

*Registry value name:* EnableShutDownButton

*Registry value type:* REG\_DWORD

*Registry value data:* A numeric value.  
0 = Disable  
1 = Enable

*Registry value syntax:* 0 or 1

### **GPO Setting: Smart Card Bitmap Mode**

*Description:* Use this value to specify the behavior of the smart card icon in the Credential Provider.

*Registry value name:* SmartCardBitmapMode

*Registry value type:* REG\_DWORD

*Registry value data:* A numeric value.  
0 = Use default icon  
1 = Load custom icon specified in SmartCardBitmapPath

*Registry value syntax:* 0 or 1

### **GPO Setting: Smart Card Bitmap Path**

*Description:* Use this value to specify the path of the bitmap that will be used as an icon for the "Smart Card"-tile in the logon screen of the Credential Provider.

*Registry value name:* SmartCardBitmapPath

*Registry value type:* REG\_SZ

*Registry value data:* A valid path. For example: "C:\smartcardicon.bmp".

*Registry value syntax:* File path

### **GPO Setting: Other User Bitmap Mode**

*Description:* Use this value to specify the behavior of the "Other user" icon in the Credential Provider.

*Registry value name:* OtherUserBitmapMode

*Registry value type:* REG\_DWORD

*Registry value data:* A numeric value.  
0 = Use default icon  
1 = Load custom icon specified in OtherUserBitmapPath

*Registry value syntax:* 0 or 1

### **GPO Setting: Other User Bitmap Path**

*Description:* Use this value to specify the path of the bitmap that will be used as an icon for the "Other User"-tile in the logon screen of the Credential Provider.

*Registry value name:* OtherUserBitmapPath

*Registry value type:* REG\_SZ

*Registry value data:* A valid path. For example: "C:\otherusericon.bmp".

*Registry value syntax:* File path

### **GPO Setting: Get Language Method**

*Description:* Specifies the language detection mechanism that the GINA/Credential Provider should use.

*Implementation:* The following options are supported:  
1 = Use the language that is associated with the settings for currency and date formats.  
2 = Use the language of the user interface (dialogs and menu's).  
3 = Use the default language of the system, this is the default method.  
4 = Use the language specified in 'Custom Language'.

*Registry value name:* GetLanguageMethod

*Registry value type:* REG\_DWORD

*Registry value data:* A numeric value

*Registry value syntax:* 0, 1, 2, 3 or 4

### **GPO Setting: Custom Language**

*Description:* Specifies the user interface language, which must be used by the offline GINA/Credential Provider.

*Implementation:* When the value of 'GetLanguageMethod' is set to custom (4), then the GINA/Credential Provider will try to use the language which is specified.  
When disabled or not configured it will use the default language ('english').

*Registry value name:* CustomLanguage

*Registry value type:* REG\_SZ

*Registry value data:* The name of the language you want to use: English, Dutch, French or German.

*Registry value syntax:* Language name

Note: The language texts for offline GINA/Credential provider are pushed by GPO and can be found in the 'Language' folder of the 'Offline Logon Extensions' folder, where the MSI package is also located.

## 6. Appendix: Group Policy Objects

Group Policy Objects or GPO is a Microsoft technology in which you can manage specific Microsoft Windows configuration parameters centrally within an Active Directory environment. In this way multiple computers (when using a computer GPO) or users (when using a user GPO) can be updated via a simple change to a single GPO.

Each time when you start a computer, this computer will check for GPO's which are installed on the domain of which the computer is a member of (this can also be an OU in which the computer is located). During a user logon, the computer will check and apply installed user GPO's, which are only applicable for the currently logged on user. This will only happen once per each user during the user's logon.

With a GPO you can centrally control a target's (which can be a user or a computer) registry, NTFS security audit and security policy, logon/logoff scripts, folder redirection, Internet Explorer settings, software installation and more.

The SSRPM User Client Software will be installed per computer, using a computer GPO. When this GPO has been created, the SSRPM User Client Software will be installed and registry settings will be applied on all target client workstations.

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