Installing/Uninstalling Client-Side Password Reset Components Through a Group Policy (GPO)

- 1. Open "Group Policy Management" (this can be found from the Start Menu under "Administrative tools")
- 2. Select the Domain or the OU on which you wish to set the group policy (or GPO).
- 3. Right Click on the domain or OU and select "Create a GPO in this domain, and Link it here..."



4. On the New GPO form, enter a name for the GPO you wish to create and click the **OK** button.

New GPO	×
Name:	
HSStartUpInstallScript	
Source Starter GPO:	
(none)	
	OK Cancel

5. Right click on the newly created GPO and click Edit. This will display the Group Policy Editor.

🔜 Group Policy Management	
😹 File Action View Window Help	
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Image: Second Policy Management Imagement Imagement<	HSStartUpInstallScript Scope Details Settings Delegation Unks Unks Display links in this location: qalan4.com The following alses. domains, and OUs are linked to this GPO: Location The following alses. domains, and OUs are linked to this GPO: Location Yes galan4.com/PasswordReset
	Security Filtering The settings in this GPO can only apply to the following groups, users, and computers: Name ^ S& Authenticated Users

6. Expand "Windows Settings" under "Computer Configuration" and select "Scripts (Startup/ Shutdown)"

Group Policy Management Editor			_ 8 ×
File Action View Help			
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HSStartLpinstallScrpt (HSQA4AD01.QALAN4.COM) HSStartLpinstallScrpt (HSQA4AD01.QALAN4.COM) HSSTart Settings HSSTartSettings HSS	Select an item to view its description.	n) 	

7. With "Scripts" highlighted, double-click on "Startup" from the right pane. This will display the "Startup Properties" window.

tartup Properties			? ×
Scripts PowerShell Scripts			
Startup Scripts	for HSStartUpIns	tallScript	
Name	Parameters		
			Up
			Down
			Add
			Edit
			Remove
To view the script files store the button below. Show Files	ed in this Group P	olicy Object, pr	ess
	ОК	Cancel	Apply

8. On this window, we will add the script file that will be run by the GPO. Click on the **Show Files** button and copy the "**PasswordResetInstallation.vbs**" or "**PasswordResetUnInstallation.vbs**" script into the window that appears and close the window

NOTE: The scripts are deployed by the password reset installer under the **[INSTALL PATH]\ HSPwdReset\ HSPasswdRst**\ folder and are also copied to a shared network location. If the shared network location of the HSPasswdRst folder is changed, script files will need to be modified.

To do this, open the "**PasswordResetInstallation.vbs**" or "**PasswordResetUnInstallation.vbs**" file in any text editor and replace the highlighted area in the following screenshot with the new UNC path. Be sure not to append the end of the path with a slash "\"

📕 PasswordResetInstallation - Notepad
File Edit Format View Help
Option Explicit const HKEY_LOCAL_MACHINE = &H80000002 Dim svalue Dim objwMIService, objItem, colItems Dim strComputer, strList, strKeyPath, strValueName dim OperatingSystem Dim oReg Dim fileLocation64Gina, fileLocation32Gina, fileLocationWin732, fileLocationWin764, fileLocationPass Dim UNCPath
On Error Resume Next
UNCPath = "\\HSQA4AD01\share\HSPasswdRst" 'Set UNCPath here [Network Share Folder]
'WScript.Echo "Getting User Name" call GetUserName 'WScript.Echo "User Name retrieved."
if (Instr(Version,5)>0) Then
if (isxPRegistered =false) then call CopyXP End if elseif (Version =6.1) then
'WScript.Echo "Version =6.1" if(isWindows7Registered =false) then call CopyWindows7 end if elseif (Version = 6.0) then if(isWindows7Registered =false) then CopyWindows7 end if
else
Msgbox("Operating system not supported")
end if
'Create web key value
'WScript.Echo "CreateWebKey called"
if (isHDTCReset = false) then

- 9. With the script now stored in this GPO, click on Add button.
- 10. Click on the "Browse" button and select the "PasswordResetInstallation.vbs" or "PasswordResetUnInstallation.vbs" file

Add a Script		×
Script Name:		
Password Reset Installation.vbs		Browse
Script Parameters:		
	ОК	Cancel

Once completed, click **OK** on the "Add a Script" box and again for the Startup Properties box.

11. With the script added, we'll next set the administrative template to be used. From the Group Policy Object Editor, Select "Scripts" found under "Computer Configuration > Administrative Templates Policy Definition > System"

🗐 Group Policy Management Editor					_ 8 ×
File Action View Help					
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HSStartUpInstallScript [HSQA4AD01.QALAN4.COM]	Scripts				
Computer Configuration					
Policies	Allow logon scripts when NetBIOS or	Setting	State	Comment	
Software Settings	WINS is disabled	Allow logon scripts when NetBIOS or WINS is disabled	Not configured	No	
Administrative Templates: Policy definitir	Edit policy setting	Maximum wait time for Group Policy scripts	Not configured	No	
Control Panel	Europolicy second	Run Windows PowerShell scripts first at computer startup, shutd	Not configured	No	
Network	Requirements:	E Run logon scripts synchronously	Enabled	No	
Printers	At least Windows Vista	E Run shutdown scripts visible	Not configured	No	
🖃 🧮 System	Description:	E Run startup scripts asynchronously	Not configured	No	
Credentials Delegation	This policy setting allows user logon	E Run startup scripts visible	Not configured	No	
Device Installation	forest_DNS suffixes are not configured	E Run Windows PowerShell scripts first at user logon, logoff	Not configured	No	
Disk NV Cache	and NetBIOS or WINS is disabled. This				
Disk Quotas	policy setting affects all user accounts				
Distributed COM	interactively logging on to the computer.				
Driver Installation	If you enable this policy setting, user				
Ellecustem	logon scripts will run if NetBIOS or WINS				
E E E E E E E E E E E E E E E E E E E	is disabled during cross-forest logons without the DNS suffixes being				
F Group Policy	configured.				
🗉 🦳 Internet Communication Manage					
∃ ISCSI	If you disable or do not configure this policy setting, no user account cross-				
KDC	forest, interactive logging will be able to				
Kerberos	run logon scripts if NetBIOS or WINS is				
Locale Services	disabled and the DNS suffixes are not				
Cogon	comgarea.				
🕀 🔛 Net Logon					
Performance Control Panel					
Power Management					
Pemote Assistance					
Bemote Procedure Call					
Removable Storage Access					
Scripts					
Server Manager					
Shutdown Options					
System Restore					
Troubleshooting and Diagnostics					
Trusted Platform Module Service					
User Profiles					
Windows Hie Protection					
Windows Time Service					
Windows Components					
All Settings					
Preferences					
🖃 🕵 User Configuration					
Policies					
Preferences					
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12. Within the right pane, double-click "Run logon scripts synchronously", select "Enabled", and click OK



13. With scripts still selected, from the right pane, double-click "Maximum wait time for group policy scripts", select "Enabled", and click OK



14. With "logon" selected in the left pane, double-click "Always wait for the network at computer startup and logon" within the right pane, select "Enabled", and click OK



15. With "Group Policy" selected in the left pane, double-click on "Group Policy slow link detection" within the right pane, select "Enabled", and click OK

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File Action View	Help							
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I HSStartUpInstallS	cript [HSQA4AD01.QALAN4.COM]	Group Policy						
🖃 👰 Computer Cor	nfiguration							
Policies	ava Cattinga	Group Policy slow link detection	Setting		State	Comment		
🛨 🧾 Sortw	are settings ws Settings	Education and the second	Logging and tra	acing				
🖂 🧮 Admin	istrative Templates: Policy definitio	Edit policy setting	Allow Cross-For	rest User Policy and Roaming User Profiles	Not configured	No		
🕀 🚞 Ci	ontrol Panel	Requirements:	E Software Insta	liation policy processing	Not configured	NO		
🕀 🧰 Ne	etwork	At least windows 2000	EFS recovery p	olicy processing	Not configured	No		
Pr	inters	Description:	Folder Redirect	tion policy processing	Not configured	No		
	Credentials Delegation	Defines a slow connection for purposes	- Internet Evelor	or Maintonanco policy processing	Not configured	No		
± 🧰	Device Installation	E Group Policy slow link detection				No		
	Disk NV Cache	FT Group Policy slow link detection				No		
_	Disk Quotas			Previous Setting Next Set	ting	No		
± _	Distributed COM	- Commont				NO NO		
-	Enhanced Storage Access	C Not Configured Comment:			<u></u>	No		
±	Filesystem	Enabled				No		
	Folder Redirection	0.00.00				No		
± 🗎	Group Policy	C Disabled				No		
±	Internet Communication Manage	Supported on:	At least Window	ws 2000	<u>*</u>	No	_	
	KDC				v	No		
	Kerberos		,			No		
	Locale Services	Options:		Help:		No		
_	Logon					1 No		
± _	Net Logon Performance Control Panel	Connection speed (Kbps): 500	*	Defines a slow connection for purposes of a	pplying and updating	No		
±	Power Management			Group Folicy.		No		
	Recovery			If the rate at which data is transferred from t	he domain controller	No		
	Remote Assistance	Enter 0 to disable slow link detection.		providing a policy update to the computers	in this group is slower	No		
	Remote Procedure Call			connection to be slow.	stem considers the	No		
~	Scripts					No		
	Server Manager			The system's response to a slow policy conn	ection varies among	No		
<u> </u>	Shutdown Options			policies. The program implementing the policy program is a clow link. Also, the policy program is a standard state of the policy program in the policy program is a standard state of the policy program in the policy program is a standard state of the policy program in the policy program is a standard state of the policy program in the policy program is a standard state of the policy program in the policy program is a standard state of the policy program in the policy program is a standard state of the policy program in the policy program is a standard state of the policy program in the policy program is a standard state of the policy program in the policy program is a state of the policy program in the policy program in the policy program is a state of the policy program in the poli	licy can specify the	No		
	System Restore			folder lets you override the programs' specif	fied responses to slow	No		
÷	Troubleshooting and Diagnostics			links.		No		
-	User Profiles			To use this setting, in the "Connection spee	d" how type a decimal	No		
	Windows File Protection			number between 0 and 4.294.967.200, indica	ting a transfer rate in	No		
	Windows HotStart			kilobits per second. Any connection slower t	than this rate is	No		
	Windows Time Service			considered to be slow. If you type 0, all conr	nections are	No		
± 🔤 🗤	Indows Components			considered to be fast.		No		
🕀 🦳 Preference	es			If you disable this setting or do not configur	e it, the system uses	No		
🖃 💰 User Configur	ation					No		
🕀 🧮 Policies						No		
🕀 📃 Preferenc	es			OK	Cancel Apply	No		
			E Shortcuts prefe	erence extension policy processing	Not configured	No		
			E Start Menu pre	ference extension policy processing	Not configured	No		
				· ·· -	-			

Next, we will apply the policy to computer accounts. To simplify this, it is recommended that all computer accounts be placed in a single group.

16. Right-click the main GPO node and click on properties

Group Policy Management Editor				
File Action View Help				
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ItSizartipictaliscit BioAdADD1 QALAN4.COM] ItSizartipictaliscit BioAdAD1 QALAN4.COM] ItSizartipictaliscit BioAdAD1 QALAN4.COM] ItSizartipictaliscit BioAdAD1 QALAN4.COM] </th <th>HSStartUpInstallScript [HSQA Select an item to view its description.</th> <th>ADD1.QALAH4.COH] Policy Name Computer Configuration Guere Configuration</th> <th></th> <th></th>	HSStartUpInstallScript [HSQA Select an item to view its description.	ADD1.QALAH4.COH] Policy Name Computer Configuration Guere Configuration		

17. From the Security tab, add the computer accounts or the group(s) containing the computer accounts and grant them "Read" and "Apply Group Policy" permissions

HSStartUpInstallScript [HSQA4AD01.Q/	ALAN4.COM] Po	olicy Prop <mark>?</mark> 🗙
General Links Security Comment		
Group or user names:		
& SYSTEM		
& Domain Admins (QALAN4\Domain Ad	lmins)	
& Enterprise Admins (QALAN4\Enterpris	se Admins)	
& ENTERPRISE DOMAIN CONTROLL	ERS	
🝇 Installgroup (QALAN4\Installgroup)		
1		
	Add	Remove
Permissions for Installgroup	Allow	Deny
Read	\checkmark	
Write		
Create all child objects		
Delete all child objects		
Apply group policy		
For special permissions or advanced setting	gs, click	Advanced
Advanced.	_	
Learn about access control and permission	15	
ОК	Cancel	Apply

18. Select Authenticated Users group and click **Remove**

HSStartUpInstallScript [HSQA4AD01.QAL	AN4.COM] Pol	icy Prop ? 🗙
General Links Security Comment		
Group or user names:		
& SYSTEM		
& Domain Admins (QALAN4\Domain Adm	ins)	
Enterprise Admins (QALAN4\Enterprise	Admins)	
J & ENTERPRISE DOMAIN CONTROLLE	RS	<u> </u>
	Add	Remove
Permissions for Authenticated Users	Allow	Deny
Full control		
Read	\checkmark	
Write		
Create all child objects		
Delete all child objects		
For special permissions or advanced settings Advanced.	, click	Advanced
Learn about access control and permissions		
ОК	Cancel	Apply

19. Click **Apply** and close the windows including the GPO Editor

20. Now reboot all the client machines to execute the new GPO.

Note: Refer to <u>http://support.microsoft.com/kb/840669</u> for Windows XP Sp1 and Sp2.