ePadLink[®]

SigCaptureWeb Installation Guide

Installing SigCaptureWeb Using Windows Group Policy Object (GPO)

Version 1.0.0.5

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1.0 – Introduction

Chrome extensions are normally downloaded and installed directly from the Chrome Web Store. This document is intended for system administrators planning to force-install the SigCaptureWeb SDK Chrome extensions remotely from a Windows domain server to the Windows client machines having the Chrome browser installed. The Installation procedure leverages Windows Group Policy Object (GPO).

2.0 – Prerequisites

- 1. Windows Server 2003 or higher with Domain Controller and all the Windows clients should be connected to the domain.
- Policy templates. There are two types of templates available to install the Chrome Extension, ADM and ADMX templates. Google provides options for an ADM file (Windows 2003 Server) and an ADMX file (Windows 2008 Server). Download the zip file from the below URL depending on your server version: <u>www.chromium.org/administrators/policy-templates</u>.



3.0 – Procedure

3.1 – Adding a New GPO

- 1. Open "Group Policy Management" in the Windows server.
 - Open Run (Windows + R) option.
 - Type gpmc.msc and press the Enter key.

<u>s</u>	Group Policy Management	- 🗆 X
😹 File Action View Window He	lp	_ & ×
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Group Policy Management ▲ A Forest: apps.com ▲ Domains ▷ apps.com ▷ A Sites A Group Policy Modeling Croup Policy Results	Status Linked Group Policy Objects Group Policy Inheritance Delegation This page shows the status of Active Directory and SYSVOL replication for this domain as it relates to Group Policy. Directory and SYSVOL replication for this domain as it relates to Group Policy.	
	Status Details Image: Control of the status information exists for this domain.	<u>Change</u>
	Click the Detect Now button below to gather infrastructure status from all of the domain controllers in this domain.	Detect Now



2. Right-click on the listed domain under "Domains" and select "Create a GPO in this domain, and Link it here..."

E.		Group Pc	licy Management	_		x
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Group Policy Manage	Create a GPO ir Link an Existing Block Inheritan Group Policy N New Organizat Search	apps.com Status Linked Group Policy Objects G this domain, and Link it here g GPO ce fodeling Wizard ional Unit	aroup Policy Inheritance Delegation ectory and SYSVOL replication for this domain as it relates to Group Policy. eline domain controller for this domain. ets for this domain		Chang	<u>e</u>
	Change Domai Remove Active Director	n Controller y Users and Computers	ather infrastructure status from all of the domain controllers in this domain.			
	View New Window f	rom Here				
	Refresh		_			
	Properties		-			
	Help					
				De	tect No	DW
Create a GPO in this dom	ain and link it to	this container				

- 3. Enter the new GPO name, for example "SigCaptureWeb Chrome Installer" and click on "OK".
- 4. Expand the domain (e.g.,: apps.com) and observe the "SigCaptureWeb Chrome Installer" object.

New	/ GPO ×
<u>N</u> ame:	
SigCaptureWeb Chrome Installer	
Source Starter GPO:	
(none)	v .
	OK Cancel



3.2 – Editing the Group Policy

1. Right-click on the "SigCaptureWeb Chrome Installer" Object and select the "Edit..." option.



2. The "Group Policy Management Editor" will be opened as shown below.



3. Expand "Policies" under "Computer Configuration".



4. Right-click on "Administrative Templates" and click on "Add/Remove Templates".

<u>I</u>	Gro	up Policy Management Editor		_		x
File Action View Help						
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SigCaptureWeb Chrome Installer [DC10.APPS SigCaptureWeb Chrome Installer [DC10.APPS SigCaptureWeb Chrome Installer [DC10.APPS]	.COM]	SigCaptureWeb Chrome	e Installer [DC10.APPS.COM]] Polic	у	
⊿ Policies ▷ B Software Settings		Select an item to view its descriptior	n. Name			
Windows Settings	efinitio		🐏 Computer Configuration 🕵 User Configuration			
Control Panel	Ad	d/Remove Templates				
Network Printers System	Filt	ter On ter Options				
 June of Sterring Windows Components All Settings 	Re	-Apply Filter Tasks				
 Preferences Ser Configuration 	He	lp				
 Policies Preferences 						
< III	>	Extended Standard				
Manage administrative templates						

5. The "Add/Remove Templates" dialog box will be opened.

Add/Remove Ter	nplates		x
<u>C</u> urrent Policy Templates:			
Name	Size	Modified	
Add <u>R</u> emove		Close	



- 6. Click on the "Add" button, and browse for the "chrome.adm/chrome.admx" file from the policy templates folder. Typical locations are
 - For .adm ~policy_templates\windows\adm\en-US\chrome.adm
 - For .admx ~policy_templates\windows\admx\en-US\chrome.admx

Note: The Policy Template should be downloaded/copied in the server.

<u> </u>	Policy Template	es			x
📀 🍥 🔻 🕇 📕 « window	vs ▶ adm ▶ en-US	~ ¢	Search en-US		٩
Organize 👻 New folder				H •	0
☆ Favorites	ame	D	ate modified	Туре	
Desktop	chrome.adm	5/	/17/2017 3:05 PM	ADM File	
Downloads					
🔛 Recent places					
🖳 This PC 📃					
📜 Desktop					
Documents					
🗼 Downloads					
🚺 Music					
🖹 Pictures —					
📴 Videos					
🃥 Local Disk (C:)					
🚗 New Volume (D:) 🗡 <	II				>
File <u>n</u> ame:	chrome.adm	~	Policy Template	s	$\overline{}$
			<u>O</u> pen	Cancel	

7. Click on the "Open" button.



8. ADM will be added to the current policy.

Add/Remove Tem	plates	x
Current Policy Templates:		
Name	Size	Modified
Chrome	505KB	5/17/2017 3:05
Add Remove		Close

9. Click on the "Close" button of the template dialog. It adds "Classic Administrative Templates (ADM)" folder under "Administrative Templates".

🧃 Group Poli	cy Management Editor		– – X
<u>File Action View H</u> elp			
🗢 🔿 📶 😖 🛛 🖬 🝸			
 SigCaptureWeb Chrome Installer [DC10.APPS.COM] Policy Computer Configuration Policies 	Administrative Templates:	Policy definitions	(ADMX files) re
 Software Settings Windows Settings Administrative Templates: Policy definitions (ADM) Control Panel Control Panel Network Printers System Classic Administrative Templates (ADM) All Settings Preferences User Configuration Policies Preferences 	Select an item to view its description.	Setting Control Panel Network Printers System Windows Compor Classic Administra All Settings	ients itive Templates (A
		< 111	>
< III >	Extended Standard		



10. Expand "Classic Administrative Templates (ADM)" → "Google" → "Google Chrome" → "Extensions".



11. Double-click on "Configure the list of force-installed extensions", displayed in right pane of the Editor.



3.3 – Configuration

1. Select the "Enabled" radio button and click on the "Show" button in the configuration window as shown below to add the Extensions for force-installation.

9	Configure	e the list of fo	orce-installed apps and extensions		
Configure the list	of force-installed	apps and extens	sions <u>P</u> revious Setting <u>N</u> ext Setting		
 Not <u>C</u>onfigured <u>E</u>nabled 	Comment:				
O <u>D</u> isabled	Supported on:	Microsoft Wind	dows XP SP2 or later		
Options:			Help:		
Options: Help: Extension/App IDs and update URLs to be silently installed Specifies a list of apps and extensions that are installed silently, without user interaction, and which cannot be uninstalled by the user. All permissions requested by the apps/extensions are granted Show Show					
			OK Cancel <u>A</u> pply		



2. Extension ID for the ePadLink SigCaptureWeb SDK is: *idIdbjenImipmpigmfamdIfifkkeapIc*

Append the following URL to the Extension ID to install the Chrome Extension ID to Remote Desktop Extension from the standard Chrome Web Store: <u>https://clients2.google.com/service/update2/crx</u>

It will show as:

idldbjenlmipmpigmfamdlfifkkeaplc;https://clients2.google.com/service/update2/ crx

3. Now, copy this URL into the text holder as shown in the below dialog.

Note: -One can add multiple extensions to the text holder in the below dialog box.

	Show Contents 📃 🗖 🗙
Exten	sion/App IDs and update URLs to be silently installed
	Value
1	idldbjenlmipmpigmfamdlfifkkeaplc;https://clients2.google.com/service/update2/crx
*	
	<u>Q</u> K <u>C</u> ancel

4. Click on the "OK" button of the "Show Contents" dialog.



5. Click on the "Apply" and "OK" buttons in the configuration window.

	Configur	e the list of fo	rce-installed apps and extensions	
Configure the list	of force-installed	apps and extensi	ons <u>P</u> revious Setting <u>N</u> ext Setting	
 Not <u>C</u>onfigured <u>E</u>nabled 	Comment:		^	-
O <u>D</u> isabled	Supported on:	Microsoft Wind	lows XP SP2 or later	
Options:			Help:	-
Extension/App IDs an installed Show	d update URLs to	Help: URLs to be silently Specifies a list of apps and extensions that are installed silently, without user interaction, and which cannot be uninstalled by the user. All permissions requested by the apps/extensions are granted implicitly, without user interaction, including any additional permissions requested by future versions of the app/extension. Furthermore, permissions are granted for the enterprise.deviceAttributes and enterprise.platformKeys extension APIs. (These two APIs are not available to apps/extensions that are not force-installed.) This policy takes precedence over a potentially conflicting ExtensionsInstallBlacklist policy. If an app or extension that previously had been force-installed is removed from this list, it is automatically uninstalled by Google Chrome. For Windows instances that are not joined to an Active Directory domain, forced installation is limited to apps and extensions		
			OK Cancel Apply	Z

Note: By default, Group Policy refreshes in the background every 90 minutes, with a random offset of 0 to 30 minutes. Or you can refresh the Group Policy instantly by running the command prompt on the server/client machine and typing: "gpupdate/force". The Chrome Extension will be installed silently during the above steps.



In Server:

CAN.	Administrator: C:\Windows\system32\cmd.exe	_ □	x
Microsoft Windows [Vers (c) 2013 Microsoft Corj	ion 6.3.9600] poration. All rights reserved.		^
C:\Users\Administrator) Updating policy	gpupdate /force		
Computer Policy update User Policy update has	has completed successfully. completed successfully.		
C:\Users\Administrator)			
			\sim

In Client:





Server/Client machines will have the "ePadLink SigCaptureWeb SDK Extension" installed and added to the Chrome browser.

ePadLink.	ePadLink SigCaptureWeb SDK Extension 1.0.0.1		Enabled			
	The SigCaptureWebSDK Chrome Extension enables users to	o capture signatures on ePad				
	Link signature pads.					
	Details					
	ID: idldbjenlmipmpigmfamdlfifkkeaplc					
	(This extension is managed and cannot be removed or disabled.)					
	Inspect views: background page (Inactive)					
	Allow in incognito Allow access to file URLs					

Note: Once the extension is force installed, it cannot be uninstalled by the user from Chrome browser.