GYTPOL Validator

Client Deploy via GPO using Task Scheduler

Doc: GYT-TEC-009 Release: 02 Date: 28th June 2022

Confidential: GYTPOL and approved recipients



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Date:	28th June 2022	Customer:	

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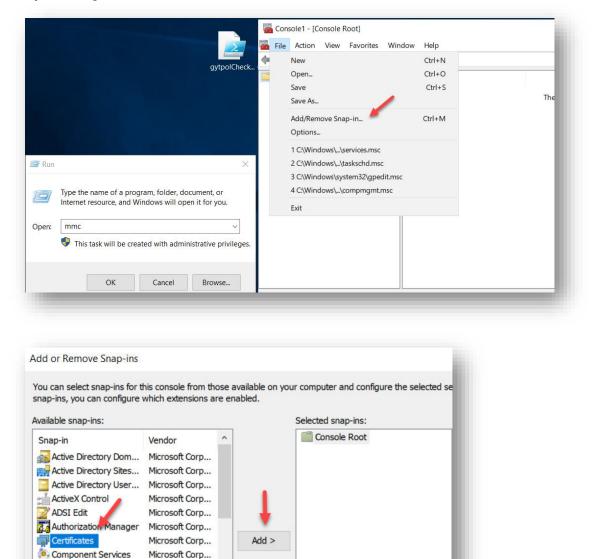
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Export GYTPOL certificate

- 1. Install gytpolClient_x64.msi manually from an elevated CMD. a. Please follow this user guide to see manual installation steps.
- 2. Once GYTPOL client is installed, please open mmc from Run and add Certificates Snap-in using the file menu.



- 3. When you click Add $> \rightarrow$ choose Computer Account and click Next.
- 4. Choose Local Computer and click Finish.

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Disk Management

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5. Click OK on the Add or Remove Snap-ins window.

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- 6. In the Certificates console, browse to Trusted Publishers \rightarrow Certificates and look for GYTPOL LTD.
- 7. Right click GYTPOL LTD \rightarrow All Tasks \rightarrow Export

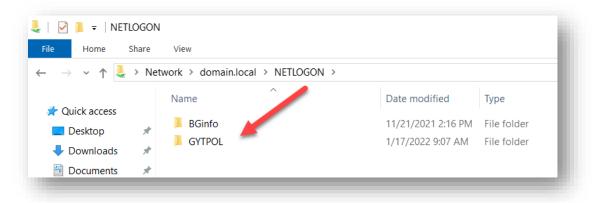


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Console Root	Issued To		Issued By
> Personal	GYTPOL 17	Open	Sectigo RSA Code Signing CA
Trusted Root Certification Au Enterprise Trust		All Tasks	> Open
Intermediate Certification Au Intermediate Publishers Certificates		Cut Copy	Export
Untrusted Certificates		Delete	
 Third-Party Root Certification Trusted People 		Properties	
 Client Authentication Issuers Preview Build Roots 		Help	

8. Follow the Export Wizard with its defaults and save the file somewhere in your network. We will import it to our GPO created in the next steps, so keep in mind it should be accessible to your Domain Controller.

Creating the GPO

- 1. Create a folder named **gytpol** under your domains NETLOGON folder.
 - Replace domain.local with your domain name



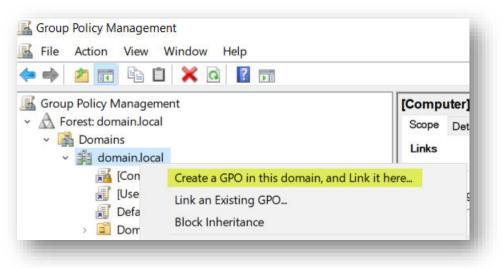
2. Copy the MSI files only from GYTPOLs Client zip file into that folder

File Home	Share	View			
÷ → • ↑ 🖡	> Net	work > domain.local > NETLOGON	> GYTPOL		
🖈 Ouick access		Name	Date modified	Туре	9
Desktop	*	뤻 gytpolClient_x86.msi	1/16/2022 2:24 PM	Windows Installer	
		f gytpolClient_x64.msi	1/16/2022 2:24 PM	Windows Installer	
👆 Downloads	*				
Documents	*				





- 3. Copy the gytpolClient_GPO.ps1 script sent you by the GYTPOL team under that folder (if not sent, please contact support@gytpol.com)
- 4. Go to your Group Policy Management Console (GPMC) \rightarrow Forest \rightarrow Domains \rightarrow yourDomainName -> Right click and select "Create a GPO in this domain, and link it here..."



5. Name the GPO as **GYTPOL Client Deployment** (or any relevant name) \rightarrow OK

	×
	~
ОК	Cancel
	OK

- 6. Right click the policy you created \rightarrow Edit
- 7. Go to Computer Configuration \rightarrow Preferences \rightarrow Control Panel Settings \rightarrow Scheduled Tasks \rightarrow New \rightarrow Immediate Task (At least Windows 7)



File Action View Help Computer GVTPOL deploy task [DC0 Computer] GVTPOL deploy task [DC01.DOMAIN.LOCAL] Policy Computer Configuration Policies Policies Power Options Clocal Users and Group Policies Power Options Scheduled Task Immediate Task (Windows XP) Scheduled Task (At least Windows 7) Immediate Task (At least W	Group Policy Management	ent Editor		—	×
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Extended / Standard /					
		Help			
reates a new item in this container.	¢	> Exter	ded \{ Standard \		
	reates a new item in this cor	ntainer.			

Task Properties:

a. General tab: Name the task "GYTPOL Client deploy", run it under NT AUTHORITY\SYSTEM, check Run with highest privileges and select the Hidden check boxes.

IPOL client d	eploy Properties	×
eneral Actions	s Conditions Settings Common	
	Action: Create	
Name:	GYTPOL client deploy	
Author:	DOMAIN\Administrator	
Description:		
Security optio	ns	
When runnin	g the task, use the following user account:	
NT AUTHOR	ITY\System Change User or Group	
	hen user is logged on er user is logged on or not	
	store password. The task will only have access to local resources.	
Run with h	ighest privileges	
I Hidden	Configure for: Windows Vista™ or Windows Server™ 2008 ~	
	OK Cancel Apply Help	



- b. Actions tab: click New.
 - i. Under Settings → Program/Settings → enter the following: c:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
 - **ii.** Add arguments (optional): -executionpolicy remoteSigned -file <u>"\\yourDomainName\netlogon\gytpol\gytpolClient_GP0.ps1"</u>

You must s	pecify what action thi	is task will perform.	
Action:	Start a program		~
Program c:\Wind		lowsPowerShell\v1.0\powe	Browse
c:\Wind		lowsPowerShell\v1.0\powe	

c. Conditions tab: check Wake the computer to run this task

nine whether the task should run. The task will not run
5 minutes
1 hour
e:



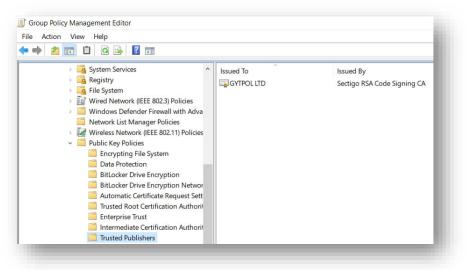
d. Settings tab: Set the options as shown

General	Actions	Conditions	Settings	Common			
Spe	cial additic	onal settings t	hat affect t	he behavior of t	ne task.		
	ow took to	be run on de					
	OW LASK LO	be run on de	emand				
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- e. Common tab: leave default settings
- 8. Click OK to close the task scheduler properties

Adding the Certificate to our GPO

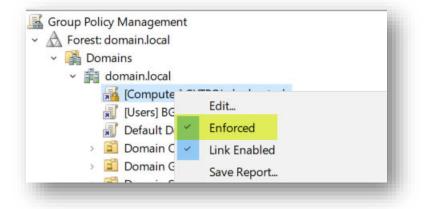
- 1. Browse to Computer Configuration \rightarrow Policies \rightarrow Windows Settings \rightarrow Security Settings \rightarrow Public Key Policies \rightarrow Trusted Publishers
- 2. R. click on Trusted Publishers \rightarrow Import
- 3. Browse to the location where the exported certificate is stored and import it to the Certificate Import Wizard
- 4. Follow the Wizard with its defaults and the certificate will be shown in the Trusted Publishers folder in GPMC:



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Close the GPO window and go back to the Group Policy Management Console (GPMC) \rightarrow right click on the **GYTPOL Client Deployment** object \rightarrow click **Enforced** and make sure this is what you see:



Once the GPO is refreshed on the PC/Server it will run the task and you should start seeing new devices added to the Dashboard.

You can manually test the policy by running gpupdate /force from an elevated -Command Prompt and check if Powershell.exe executes and msiexec.exe is also running.



