<u>Using PrinterMapper when currently using GPO / Deployed Printers (Not Group Policy</u> <u>Preferences)</u>

Option 1 - Manually create your own XML

Begin with a blank XML file and add

<?xml version="1.0" encoding="utf-8"?>

<Printers clsid="{1F577D12-3D1B-471e-A1B7-060317597B9C}">

</printers>

Between the printers tag you can then add your SharedPrinter's.

An example SharedPrinter tag filtered by OU would look like this

```
<SharedPrinter name="MyPrinter" disabled="0" bypassErrors="1"><Properties action="U"
comment="" path="\\printserver\MyPrinter" default="1" /><Filters><FilterOrgUnit bool="OR"
not="0" name=" OU=Tablets,DC=example,DC=,DC=Domain,DC=EDU"
directMember="0"/></Filters></SharedPrinter>
```

You can add as many shared printers between the <printers></printers> tag as you wish. PrinterMapper will parse these on login and check if the PC logged into is a member of the OU. Multiple OU's per printer are also catered for(And/Or can be used in the bool section. The first item should always be OR e.g.

```
<SharedPrinter name="MyPrinter" disabled="0" bypassErrors="1"><Properties action="U"
comment="" path="\\printserver\MyPrinter" default="1" /><Filters><FilterOrgUnit bool="OR"
not="0" name=" OU=Tablets,DC=example,DC=,DC=Domain,DC=EDU"
directMember="0"/>><FilterOrgUnit bool="OR" not="0" name="
OU=Laptops,DC=example,DC=,DC=Domain,DC=EDU"
directMember="0"/></Filters></SharedPrinter>
```

Attached is a resulting XML file



Option 2 – **Create a new Group Policy not attached to any OU and create printers in Group Policy Preferences and point printermapper to the resulting por**

1) Create a new group policy object and expand down into user->preferences->control panel->printers

✓ № Computer Configuration > ○ Policies	<u>ڳ</u>	Printers						
> 📋 Preferences				Name		Order	Action	Path
Viser Configuration	Proces	sing 🏾 🍣						
> Policies					There are	no items t	o show in t	his view.
Preferences								
> Windows Settings								
Folder Options								
🕼 Internet Settings								
🕵 Local Users and G								
Network Options	_							
Power Options	Descrip	otion						
Printerc New	NI 1	Shared Drinter						
		TOD (ID D)						
SC All lasks	>	ICP/IP Printer						
View	>	Local Printer						
Conv								
Copy				<				>
Print								
< Refresh		s (Extended) Standa	rd /					
Add a new shared pri	•							
J IVI:power smarti Help								

2) Right click printers and select new SharedPrinter. Fill in the share path to your printer, choose whether it is to be default then click onto common

New Shared Printer	Properties	×				
General Common						
Action:	Update	\sim				
Delete all shared	d printer connections					
Share path:	Share path: \\printserver\MyPrinter					
	Set this printer as the default printer					
	only if a local printer is not present					
Map to local port	(optional)					
Local port:		\sim				
	Reconnect					
	Unmap all local ports					
С	K Cancel Apply	Help				

3) Check Item level targeting and then click onto Targeting

New Shared Printer Properties	×						
General Common							
Options common to all items	error occurs						
Run in logged-on user's security context (user policy option)							
Remove this item when it is no longer applied							
Apply once and do not reapply							
✓ Item-level targeting	Targeting						
Description							
	~						
OK Cancel	Apply Help						

4) Click New Item and select Organisation Unit. Navigate to the OU you wish the printer to be installed to by clicking the 3 Select whether the user should be in the OU or the computer. You can repeat if more than one OU is to be targeted and also select item options (or/and)

Targeting	Editor							\times
New Item 👻	Add Collection	Item Options	- + +	X 🗅 🛍	- 🗙 Del	ete 🛛 🕜 H	Help	
🔯 the or	ganizational unit	the user belongs	to is or one	of its desce	ndants			
Organization	alunit							^
Giganization		t mombor only						- 11
	User	in OU						
	() Com	puter in OU						
An Organizat only if the us	tional Unit target ser or computer i anal information	ing item allows a s a member of th	a preference i ne organizatio	item to be a onal unit (O	pplied to U) specifie	computer d in the ta	s or users argeting	~
						ОК	Car	ncel

- 5) Repeat the process until all your printers are added.
- 6) Browse to <u>\\domain\sysvol\domain\policies</u> and search for the resulting printers.xml. Add that path to your PrinterMapper config.