

MakerBot Print for Windows

Enterprise Deployment using AGPM

May, 2018

Installing using AGPM

MakerBot now supports installing MakerBot Print through Advanced Group Policy Management. For an overview on how AGPM works, please refer to Microsoft's documentation here:

<https://docs.microsoft.com/en-us/microsoft-desktop-optimization-pack/agpm/overview-of-advanced-group-policy-management-agpm40>

The screenshot shows the Group Policy Management console for 'corp.contoso.com'. The 'Change Control' tab is active, displaying a table of Group Policy objects (GPOs) and their roles. Annotations with arrows point to various features:

- Assign roles and configure e-mail notifications
- Manage the AGPM archive
- Configure the AGPM Server connection
- Delegate permission to edit production GPOs
- Search the AGPM archive
- Restore deleted GPOs
- Review, edit, and deploy controlled GPOs
- Review and take control of uncontrolled GPOs
- Create and manage GPO templates
- Review and approve pending GPO changes

Name	State	Changed By	Change Date
AGPM Server Policy	Checked in	Administrator (CORP\Administrator)	8/8/2009 9:10:24 PM
Default Domain Controllers Policy	Checked in	Administrator (CORP\Administrator)	8/8/2009 9:06:40 PM
Default Domain Policy	Checked in	Administrator (CORP\Administrator)	8/8/2009 9:07:22 PM
Password Policy	Checked in	Administrator (CORP\Administrator)	8/9/2009 4:53:42 PM

Name	Roles	Inherited
Administrator (CORP\Administrator)	Full Control	Yes
Jacob Heinikel (jacob@corp.contoso.com)	Reviewer, Editor	Yes
Jerry Honeycutt (jerry@corp.contoso.com)	Reviewer, Approver	Yes

Exploring AGPM, Microsoft ©2009

Creating a GPO

This process is recommended only for network and IT administrators. The user should have permission to list contents, create GPOs, and edit settings. From the Group Policy Management Console, go to the forest and domain you'll be using and select "Change Control". After right-clicking "Change Control", go to "New Controlled GPO".

You'll need to add the MSIs to the group policy object. To do so, you'll need four components: the "add" argument, the GPO's guid (alphanumeric identifier), the Active Directory string value for the domain controller, and the network path to the MSI. Here's an example:

```
ADD_MSI.exe add XXXX-XXXX-XXXX-XXXX-XXXX  
dc=developer2012,dc=local\WIN2016AD\Share\Distrib\app.msi
```

You'll not want to select "Create live", as there are a couple of steps to take care of before the deployment can be successfully accomplished. If the end users are running Windows 7, a hotfix from Microsoft will need to be installed first. Here is the hotfix and some information about what it accomplishes:

<https://support.microsoft.com/en-us/help/2921916/the-untrusted-publisher-dialog-box-appears-when-you-install-a-driver-i>

Once you've applied the update on all Windows 7 computers or if the end users are only using computers with Windows 10, the driver certificate will need to be installed. For more information on this process, please read our article entitled "Before You Install".

Deploying a GPO

From "Change Control" and where the object you created previously is, go to the "Contents" and then "Controlled" tabs. Right-click the GPO you created and select "Deploy". Through "Progress", you can monitor when the deployment completes. Once it's done, click "Close" to finish.