Mac OS X - Adding a Networked Print Queue (SMB)

Overview

These directions explain how to add a networked printer on Mac OS X via the SMB protocol. This is typically used for:

•

o Printing from non-Active Directory-bound Macs to a Windows print server (e.g.,

print.physics.leidenuniv.nl).

AD-bound Macs may occasionally connect to a Windows server via SMB as well.

Systems

Non-Active Directory-bound computers running Mac OS X

Users

• All users of above systems

Actions

- 1. Gather the following information for the networked printer: server URL, queue name, printer location, and printer model information/features. (see label on the printer)
- 2. (If necessary) Download and install the appropriate driver for the printer.



3. Click on "Print & Scan" and unlock the preference pane (if necessary).



4. Click on "+" underneath the list of printers and select "Add Printer or Scanner..." in the menu that appears.

| 🐞 System Preferences Edit View Window H | lelp |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| | |
| 000 | Print & Scan |
| Show All | Q |
| | |
| | |
| Printers | ArtAn1 240N HP3800n (SMB) color laser |
| ArtAn1 240N HP380 | |
| ArtAn1 240N HP380 | Open Print Queue |
| e Idle | open rinn queue |
| Music 3019 Lexmark | Options & Supplies |
| MyBld 100 HP LaserJe | Location: ArtAn1 240N |
| e Idle, Last Used | Kind: HP Color Laserlet 3800 |
| Xerox-ColorQube92 | Status: Idle |
| | |
| | |
| | Share this printer on the network Sharing Preferences |
| | Share this printer on the network |
| + - | |
| Add Printer or Scanner | |
| Nearby Printers | rinter: Last Printer Used |
| Brother MFC-8480DN | r size: US Letter 🛟 |
| faa-its-east-printer1 | |
| HP Color LaserJet 3800 [CD44A | (2) |
| Click the lock to prevent furt | |
| The second s | |
| | |
| | |

 An "Add" window will appear. If there is **not** already an "Advanced" button in its toolbar (on top, alongside "Default", "Fax", "IP", etc.), you'll need to customize the toolbar. Control+click on the toolbar area and select "Customize Toolbar...".



6. Drag the "Advanced" item up onto the toolbar and click "Done".

| | (market) | | | |
|----------------------------------------------------------------|-----------------------------------------|-------------------|-----------------|----------------|
| Printers | 000 | Add | | • |
| ArtAn1 240N HP380 e Idle, Last Used | | 😫 🎎 🔍 | | |
| ArtAn1 240N HP380 | Default Fax IP | Windows\dvanced | Search | |
| Music 3019 Lexmark | Drag your favorite items | into the toolbar | | |
| Verox-ColorQube92 | I 5 6 6 | | | |
| 📲 😐 Idle | Windows Advanced II | P Default Fax | Search Space | Flexible Space |
| | B-Oil-AROIS-Parasi B-Oil-Datamit-str | | | |
| | or drag the default set | into the toolbar. | Cosen Directory | |
| | | ٩. | | |
| | Default Fax IP Wind | dows | Search | |
| | | | Clash Divertion | |
| + - | | Use small size | | Done |
| + - Defau | Show Icon and Text 🗧 | | | |
| + – Defau Defau | aper size Location: No S | election | | |
| + – Defau Default pa | aper size Use: | election | | ÷. |
| + - Defau Default p Click the lock to prevent further | aper size r change: | election | | • |
| + - Defau Default part Click the lock to prevent further | aper size r change: | ielection | | • |

7. Click on the "Advanced" button.

| 00 | Add Printer | \bigcirc |
|---------------|-----------------------------------------------|------------|
| | ۹ 😩 🍪 ۹ | |
| Default Fax | IP Windows Advanced Search | |
| Type: | Windows | • |
| Device: | Another Device | • |
| URL: | smb://print.physics.leidenuniv.nl/Oort1_Color | |
| | | |
| | | |
| | | |
| Name: | Oort1_Color | _ |
| Location: | Oort1 hal | |
| Print Using 🗸 | Choose a Driver or Printer Model | |
| | Auto Select | |
| | Generic PostScript Printer | |
| | Select Printer Software | |
| | Other | |

- 8. Then enter/select the following:
 - o Type: "Windows "
 - o Device: "Another Device"
 - o URL: smb://<insert print server URL here>/<insert queue name here>
 - Name: enter a descriptive name here (suggestion: include the queue name so that the SMG can help troubleshoot later, if necessary)
 - o Location: enter the location for your reference
 - Use: Generally select "Select Printer Software...", locate the appropriate driver for the printer, and click "OK".

| 00 | Add Printer | \bigcirc |
|------------------|-----------------------------------------------|------------|
| Default Fax | IP Windows Advanced Search | |
| Type: Device: | Windows Another Device | • |
| URL: | smb://print.physics.leidenuniv.nl/Oort1_Color | |
| News | Outl Color | |
| Name: | Oort1_Color | |
| Location: | Oort1 hal | |
| Print Using: | HP Color LaserJet CP2020 Series with Duplexer | ÷ |
| | | |
| | | Add |

9. Click "Add".

| 00 | 0 | | | Add | Printer | | | \bigcirc |
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| Detaul | Make su full adva hardwar Tray 3: | Instal print. re you ntage e, chec | lable Op physics.l r printer's of them. k the docu | tions leidenuniv options are For informa umentation | nl accurate tion on y that cam | ly shown her our printer a e with it. | re so you can ta nd its optional | ke |
| | | | | | | | | |
| | | | | | Ca | ncel | Continue | |

- 10. Configure the appropriate installed options for the printer, then click "Continue".
- 11. The first time you print, you will generally be prompted to authenticate with your Active Directory (AD) credentials. Please enter uofi\<netID> and your Active Directory password. You may save your credentials in your Keychain by first checking the appropriate box in the authentication window.

| Enter your name and password for the printer "Oort1_Color". |
|-------------------------------------------------------------|
| Connect as: O Guest Registered User |
| Name: physics\kuyvenhoven |
| Password: •••••• |
| Remember this password in my keychain |
| Cancel OK |

Support

• For general support please contact the SMG.