

2X Manual

**2X Client Install for Mac
v10.1**





URL: www.2x.com
E-mail: info@2x.com

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Version 10.1 – Last updated April 12, 2012



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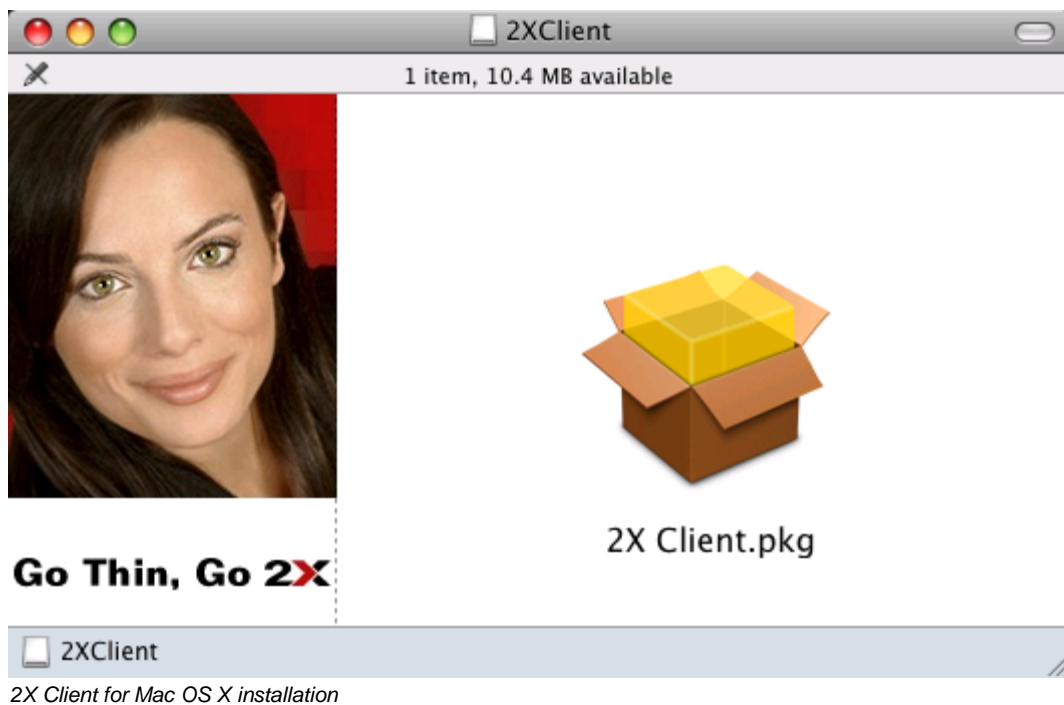
INSTALLING 2X CLIENT FOR MAC OS X

System Requirements

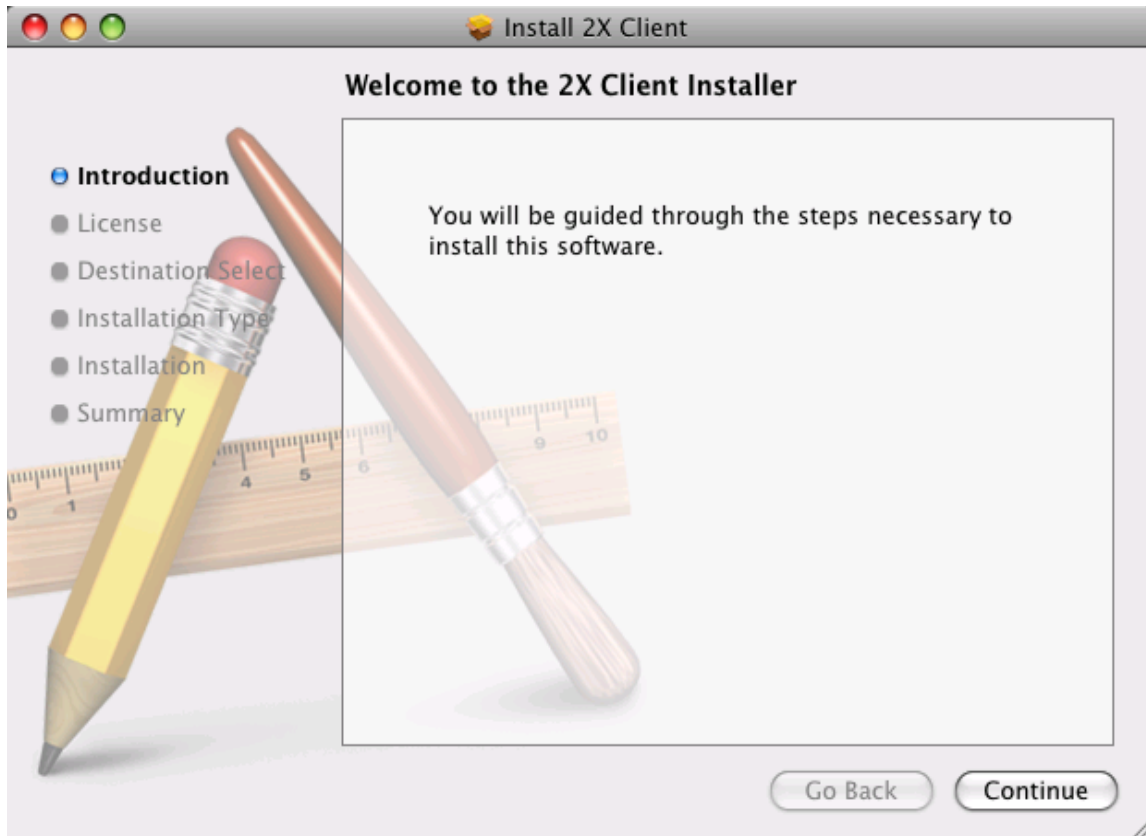
- Mac OS X Version 10.3.9 or higher

Installation Procedures

1. Download the 2XClient.dmg file from <http://www.2x.com/virtualdesktop/downloadlinks.html> and store it locally
2. Double click on 2XClient.dmg, the installation dialog will come up, then click 2XClient.pkg to continue the installation.



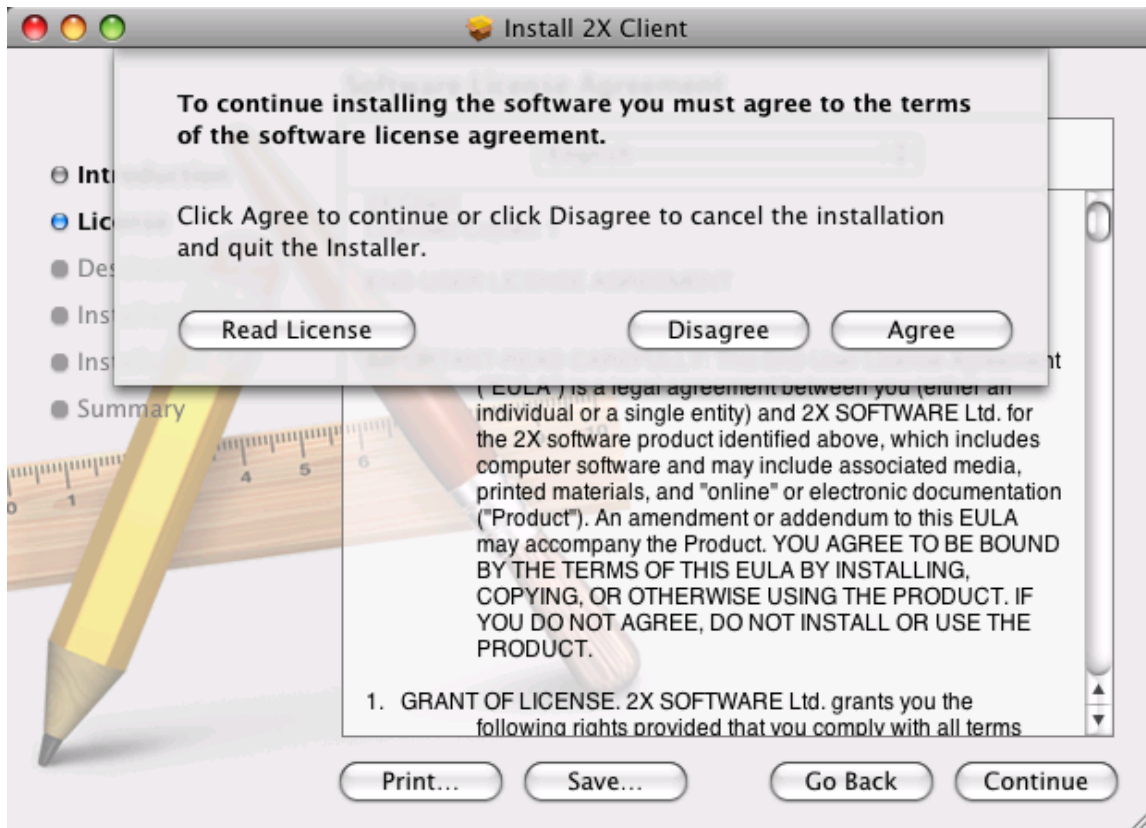
3. Another dialog will show, click 'Continue' to continue installing 2X Client.



2X Client for Mac OS X installation.

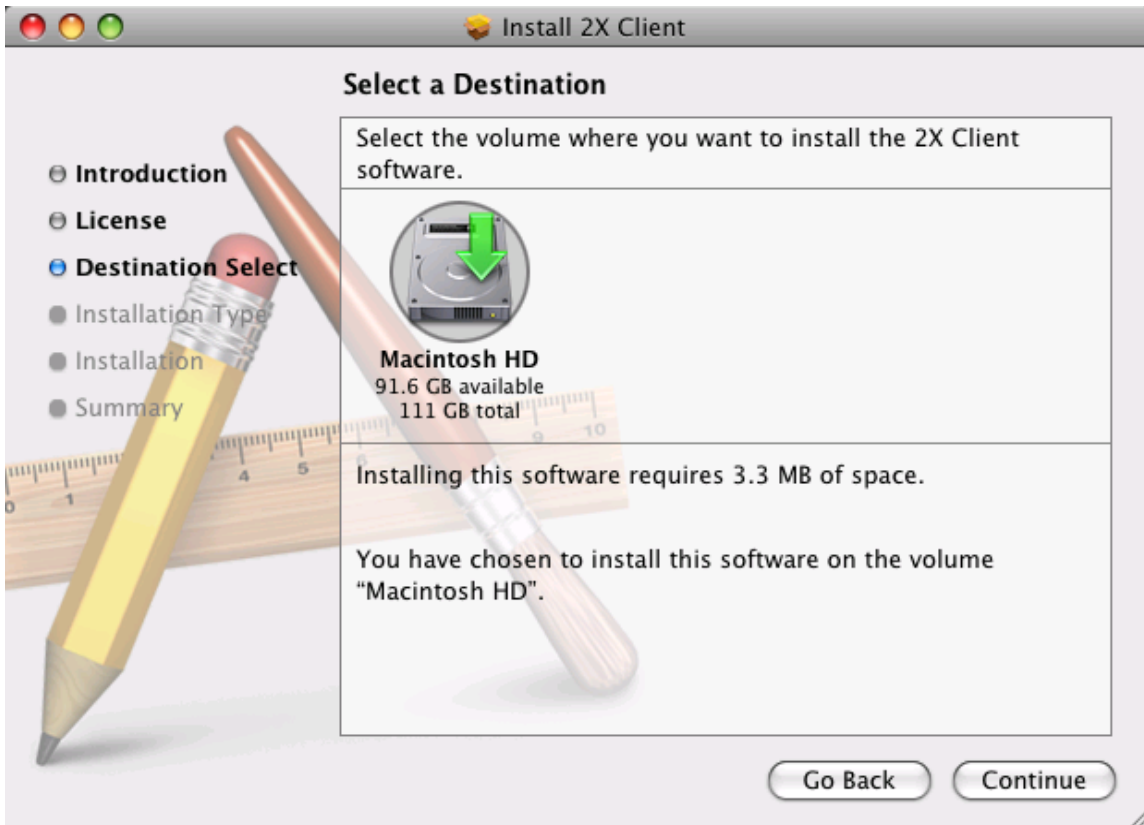


4. Click 'Agree' to continue installing 2X Client.



2X Client for Mac OS X installation.

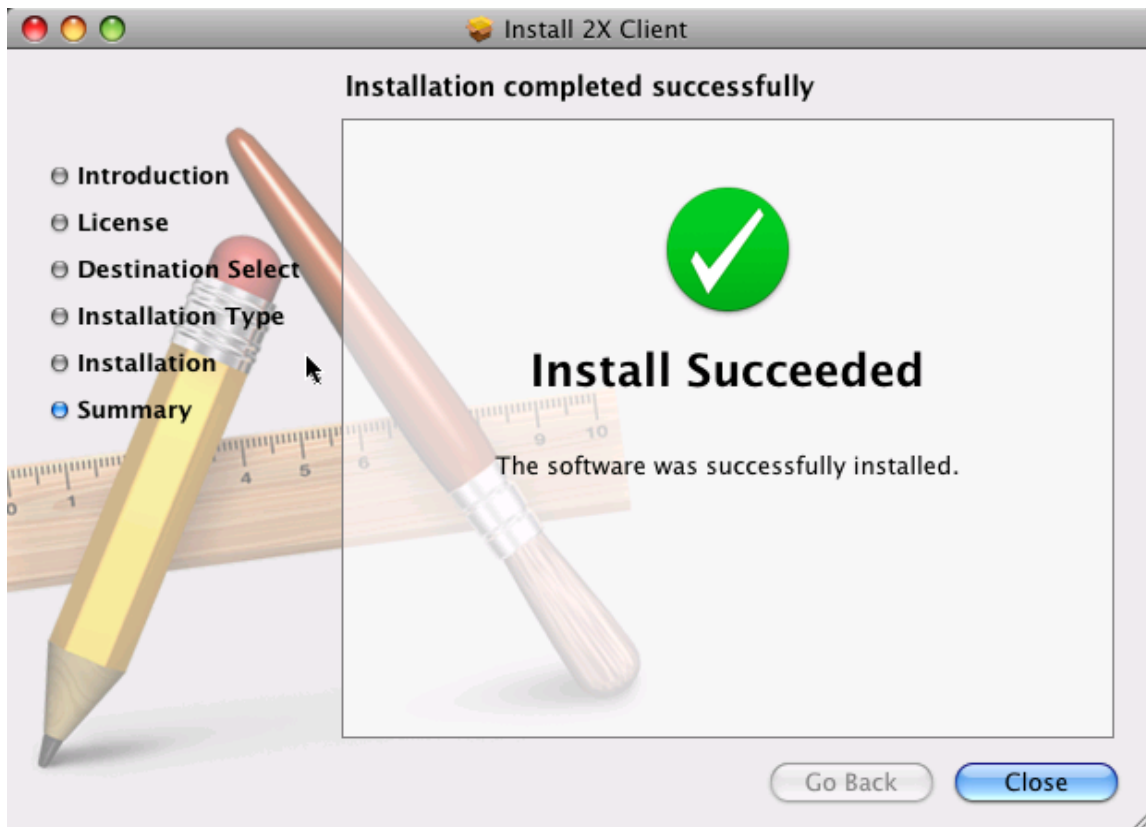
5. Select the volume where you wish to install the 2X Client.



2X Client for Mac OS X installation.



6. When the installation is finished you are now ready to launch the 2X Client.



2X Client for Mac installation

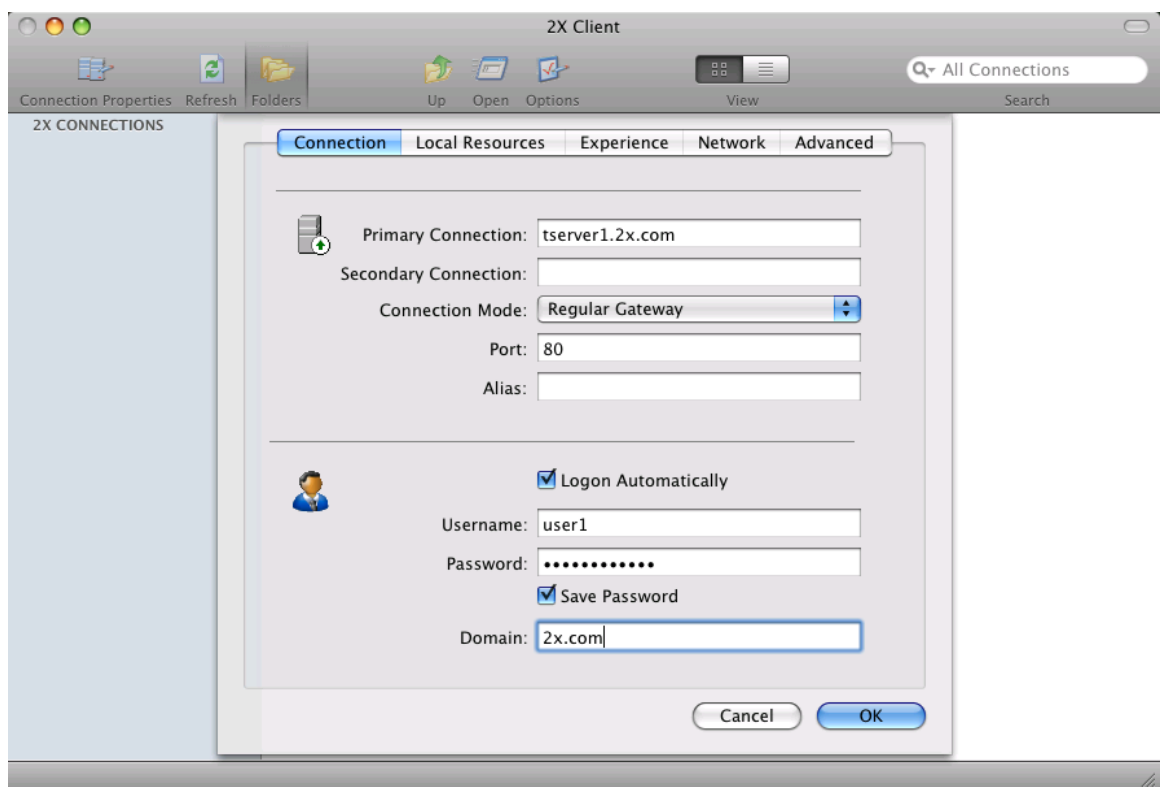


USING 2X CLIENT

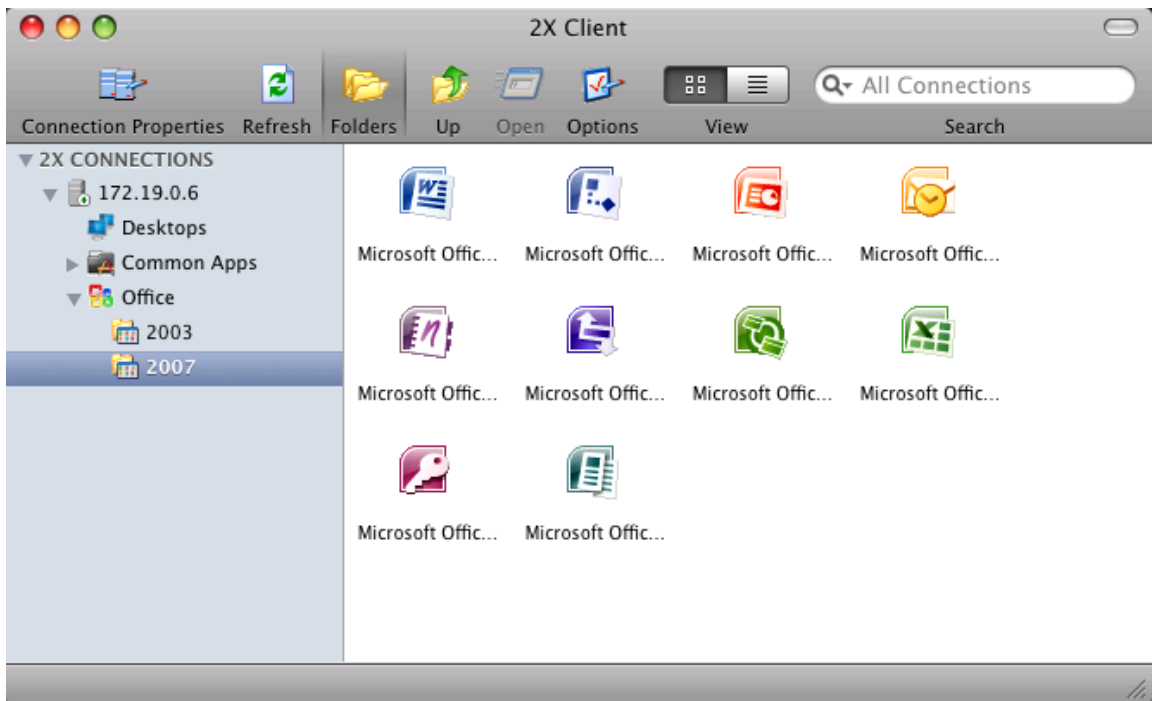
Graphical User Interface

To launch published applications using Graphical user Interface, follow these steps.

1. Launch the 2X Client
2. Click on File > Add new 2X Connection
3. Fill in the required fields and click the 'OK' button

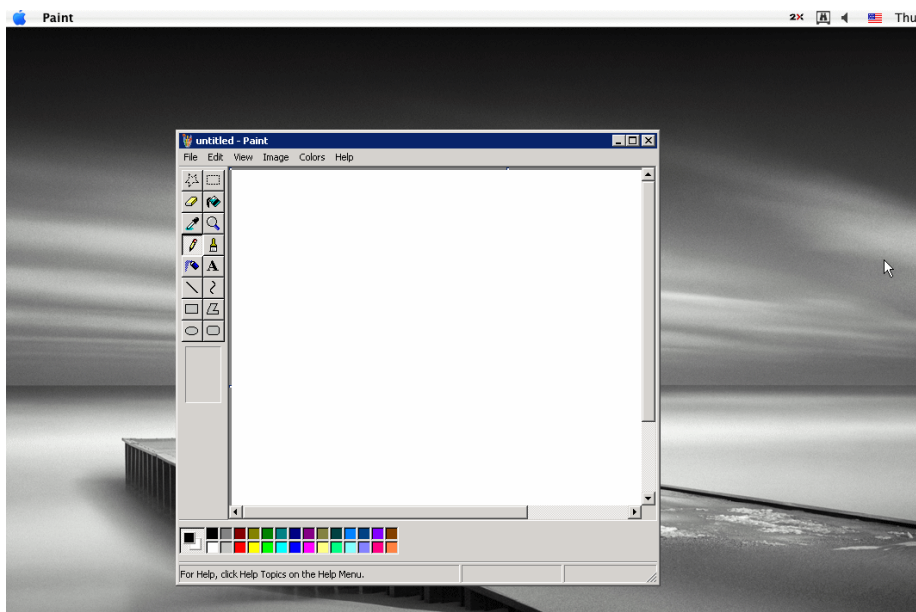


Mac 2X Client – Adding a Connection



Mac 2X Client – Application Browser

4. When you click the 'OK' button you will get the Application Browser window where the published applications are listed.
5. Double click on any application to launch it.
6. Execution of the published application as displayed in the figure below.



MS Windows application running over RDP on a Mac platform

Options

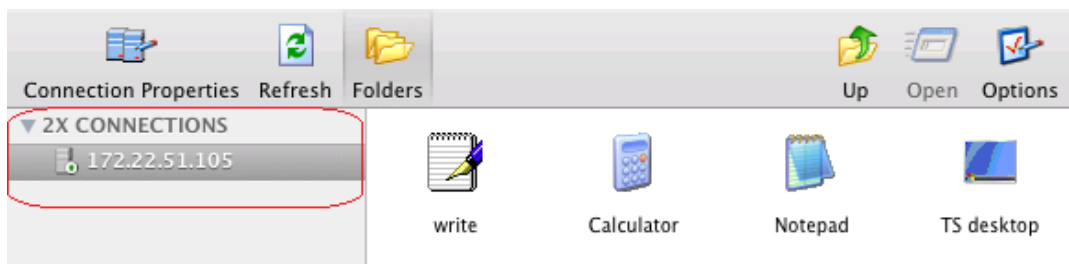
In the main window of the MAC 2X Client, click '*Options*' button to display the following dialog box.

Advanced Tab



Mac 2X Client – Option Preferences

- **Show connections** – Enabling this option would lead the 2X Connections created to be visible on the left hand side as shown below. Disabling this option, would hide the 2X Connections.

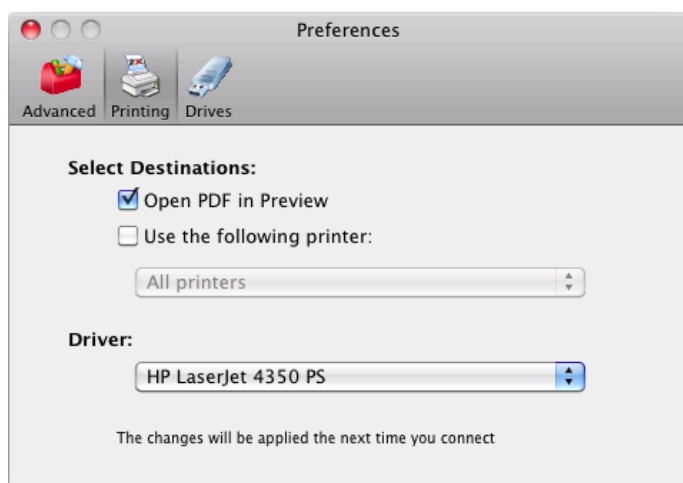


Mac 2X Client – 2X Connections 'Shown' from the Options

- **Do not warn if server certificate is not verified** – When connecting over SSL, and the certificate is not verified, a warning message will be displayed. You can disable this warning message by enabling this option.
- **Check for updates now** - MAC 2X Client will check for any available updates of the MAC 2X Client when clicking this button.

Printing Tab

To configure printing Options, select the 'Printing' tab.



Mac 2X Client – Printing Preferences

When printing, the following destination settings may be performed:

- **Open PDF in Preview** – Select this option to view the document to be printed in PDF format.
- **Use the following printer** – Selecting this option would allow the user to select a specific printer from the combo box underneath to be redirected. All local printers connected to the client may be redirected by selecting 'All Printers' from the list.

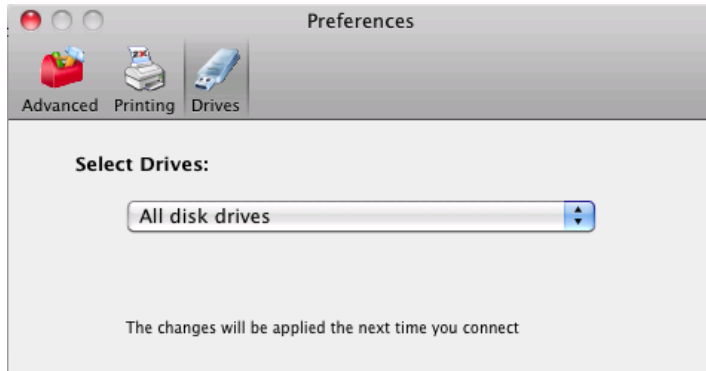
A specific driver may be selected when choosing to redirect a specific printer. This can be done from the '**Driver**' list available.

Please note that the settings will be applied when the next connection is established with the server. Current connections will not have the settings adjusted.

Drives Tab

Depending on which settings are used drives or folders may be redirected to the remote computer.

The 'Drives' tab is shown below.



Mac 2X Client – DrivesPreferences

Selection of possible drives or folders which may be redirected to the remote computer.

Drive Option Selected	Description
All Disk Drives	All local drives on the MAC are redirected.
Home folder	Only Home folder is redirected from the MAC.
Documents folder	Only Documents is redirected from the MAC
Other Folder	Any other specific folder can be redirected from the MAC.

Please note that the settings will be applied when the next connection is established with the server. Current connections will not have the settings adjusted.

Command Line Interface for 2X Client

1. Open a Terminal Window
Go > Utilities > Terminals
2. Run the following commands to obtain a list of all usage parameters for 2X Client:

```
cd /usr/bin
./2xclient -?.
```

```
mac1:bin 2xmac$ ./2xclient -?
2X Client. Version 10.1 (build 1227). Copyright (c) 2006-2012
2X Software Ltd. All Rights Reserved
Usage: ./2xclient -s Server -u User [options]
```

General options:

```
-m: operating mode
    2G for 2X Application Server gateway access
client(default)
    2D for 2X Application Server direct access client
-s: server[:port] (default port is 80 for 2G and 2D modes)
-s: ssl://server[:port] secure access client (TSL/SSL)
-b: altserver[:port] (default port is 80 for 2G and 2D
modes)
-u: user name
-p: password
-d: domain
-a: application to start
-f: working folder
-i: 2xa shortcut file
    2xa shortcut files available through 2X Application
Server web interface, and include published application
settings.
-x: proxy, can be:
    socks4://[username@]proxy[:port]
    socks4a://[username@]proxy[:port]
    socks5://[username[:password]@]proxy[:port]
    http://[username[:password]@]proxy[:port]
```

RDP options:

```
-c: connection color depth in bits (default: 24 bits)
-l: force seamless application placement on primary monitor
only
-e: RDP experience one or more ORed value(s) from:
    0xFF to disable everything
    0x01 to disable wallpapers
    0x02 to disable full window drag
    0x04 to disable menu animations
    0x08 to disable theming
    0x20 to disable cursor shadow
    0x40 to disable cursor blinking
    0x80 to enable font smoothing
    0x00 to disable nothing (default)
-l: locale identifier in HEX format (default: 0x0409 -
English (United States))
```

Other options:

```
-v: print version info
-?: to get help information
```

TROUBLESHOOTING AND SUPPORT

Introduction

The troubleshooting chapter explains how you should go about resolving issues you may have. The main sources of information available to users are:

- The manual – most issues can be solved by reading and referring to the manual.
- The 2X support site – accessible from the 2X website. It includes a knowledge base with the most frequently asked questions.
- Contacting the 2X support department by email at support@2x.com
- Contacting our support department by telephone.

Knowledgebase

2X maintains a knowledgebase, which includes answers to most commonly asked problems. If you have a problem, please consult the knowledgebase first. The knowledgebase is continuously updated and contains the-most-up-to-date listings of support questions and patches.

The knowledgebase can be found at <http://www.support.2x.com>

Request Support via E-mail

If you are unable to resolve your issue after using the knowledgebase and referring to this manual, please contact the 2X support department.

Contact us via e-mail, and attach any references or examples of the issue you are experiencing. This will enable us to solve your issue quickly and efficiently.

You may be asked to collect some information and you may be asked a number of questions. Please take your time to answer these questions accurately. Without the proper information it will not be possible to diagnose your problem.

We will answer your inquiry within 24 hours or less, depending on your time zone.

Request Support via Phone

You can also contact 2X by phone for technical support. Please check our [support](http://www.support.2x.com) website for the correct numbers to call, depending on where you are located, and for our hours of operation.

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