

SOFTLINK (NS SCHOOL) FOR MAC DEPLOY AND REMOTE INSTALLATION

PRE-REQUISITES

The user understands Apple Remote Desktop, File Sharing and Remote Command line. Clients are configured to allow Remote Management, Remote Login and File Sharing.

Note: The Mac commands are case sensitive.

ADDING/DEPLOYING THE APPLICATION

You need to ensure the sharing options are enabled for remote management.

1. Select System Preferences – Sharing.

- 2. The target machines need to have the following options selected:
 - File Sharing
 - Remote Login
 - Remote Management.

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		Macbook-	Test-1.local		Edit
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 Create a folder with the NS School for Mac Client application, a valid Client32.ini and a supported license (LIC file). (Ensure the Client32.ini has all details required, e.g. Connectivity Server details and room name.)

Note: If you do not add a LIC file, this will install as an evaluation.

- 4. Save to the desktop of the Admin machine running Apple Remote Desktop.
- 5. Open Remote Desktop from the Launchpad.
- 6. Select the machines you would like to install the NS School Mac Student onto.
- 7. You can search for machines using any of the options shown in the screen shot below.

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8. Select the required machines and click **Copy**.

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9. The Copy Items page will appear. Drag or add the new folder with the installer application, Client32.ini and license into the Items to copy box.

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Place items in:

Ensure this is set to the /Users/Shared/ file location as this is accessible to all users that log into a Mac. It is also accessible while users are logged off.

If an item already exists:

Select the applicable option.

Set item ownership to:

This option needs to be set to **Inherit from destination folder**. Select any other relevant options and click **Copy**.

Remote installation via Apple Remote Desktop

• • •			Remote Desktop			
						Q Search
Observe Control Curtain	Copy Install UNIX	Reports Spotlight				Filter
 All Computers Scanner 	Copy Items: Succe Copied "NetSupport D	Copy Items: Succeeded on all Copied "NetSupport DNA Agent Installer.2.10.0001.i2.app"			C	
Send UNIX Command Uninstall RR	Name	 Task Status 	Current Status	IP Address		
Task Server	Macbook Test 1	Succeeded	Available	10.20.1.31		
Active Tasks	Macbook Test 2	Succeeded	Available	10.20.1.24		
Tel History						
Copy Items	0					

The example below shows how to remotely install a "Student" only installation.

Select **UNIX** and enter incommand:

/bin/bash cd /Users/Shared/ cd "NetSupport School 12.60.000 installer.app" cd /Contents/MacOS/ ./installbuilder.sh --mode unattended --installer-language en --InstallationTypeSelection client --reboot 1

The text in red will change when new versions of NS School are released, for example: NetSupport School 12.70.0004.app

Once the command has been entered, press **Send**.

The default path for the installation is Applications/NetSupport/NetSupport School/Client

The command has now been sent to all selected machines. You need to check the ARD to make sure there were no errors. The Macs will restart; School Clients will now be installed successfully.

Note: You can prevent the reboot of the Mac by changing "—reboot 1" to "—reboot 0" however, please be aware that the Student will not run until the Mac has been restarted.

Uninstalling using Apple Remote Desktop

- 1. Select the machines you want to uninstall the NS School Client from.
- 2. Run the following command in UNIX:

/bin/bash

cd /Applications/NetSupport/NetSupportSchool//uninstall.app/Contents/MacOS/ ./installbuilder.sh --mode unattended

•••		Untitled /
Send UNI	K Command	
/bin/bash cd Applications ./installbuilde	s/NetSupport/NetSupportSchool/uninstall.app/ r.shmode unattended	'Contents/MacOS/
Enter a UNIX comr	mand to run using /bin/bash.	
	Run command as: O Current console us	er on target computer
	O User: root	
	Command results: 🗹 Display all output	

Note: You currently cannot uninstall using ARD without the user being logged in.

Installing using Local Terminal

- 1. Add the NS School app to the desktop.
- 2. Run the Terminal as the administrator.
- 3. Run the following command:

CD Desktop

CD /Users/NAME/Desktop/NetSupport\School\12.60.0000.app ./Contents/MacOS/./installbuilder.sh --mode unattended --InstallationTypeSelection client --LicenseChoice register --LicenseChoicePath smb://FULL FILE LOCATION /NSA.LIC --Username Domain/Username --Password Password1 --reboot 1

The spaces between text is not read, you need to use $\$ to break and allow spaces to be read. It is also case sensitive.

Note: This can also be actioned via a shared location e.g. cd /Users/Shared.

Alternatively, you can use a local path: ./installbuilder.sh --mode unattended --InstallationTypeSelection client --LicenseChoice register --LicenseChoiceLPath ~/Desktop/NSW.LIC --reboot 0

You use the commands: LicenseChoiceLPath for local paths, but LicenseChoicePath for remote paths.

Uninstalling using Local Terminal

- 1. Run the Terminal as the administrator.
- 2. Run the following command:

/bin/bash cd /Applications/NetSupport/NetSupportSchool ./uninstall.app/Contents/MacOS/installbuilder.sh --mode unattended

Mac OS 10.14 – custom configuration

With Mac OS 10.14, Apple has introduced extra security protection for your private data. Users are now asked to grant permission to applications before they can run or access certain content on your system.

If a user does not grant permission to the NS School for Mac Student, certain features within the software will not operate as expected such as viewing a Student.

For systems administrators, we have created a custom configuration which can be applied so users do not have to accept permissions multiple times or when a new user signs into a shared machine. This configuration can be assigned to devices enrolled in an MDM environment.

Once a custom configuration/profile has been sent to the device, it can be viewed on a device by logging into a user account, opening **System Preferences** and selecting **Profiles**.

The custom configuration file can be found at:

Cisco Meraki

- 1. Select Systems Manager Settings.
- 2. Select Add Profile.
- 3. Choose Upload custom Apple profile and click Continue.
- 4. Select the **Upload a .mobileconfig file** option and navigate to the location of the NS School .mobileconfig file (default location is Applications/Netsupport/NetsupportSchool).
- 5. Configure any other options on the page which you require, e.g. **Allow users to remove this profile**.
- 6. Adjust your scope to choose which devices receive the custom configuration.
- 7. Click Save.

Appendix of supported commands

Command	What the command does	Comments
help	Displays a list of valid options.	
version	Displays product information.	
unattendedmodeui <unattendedmodeui></unattendedmodeui>	Unattended mode UI. Default: none Allowed: none minimal minimalWithDialogs	
optionfile <optionfile></optionfile>	Installation option file. Default:	
debuglevel <debuglevel></debuglevel>	Debug information level of verbosity. Default: 2 Allowed: 0 1 2 3 4	
mode <mode></mode>	Installation mode Default: qt Allowed: qt osx text unattended	
debugtrace <debugtrace></debugtrace>	Debug file name. Default:	
enable-components <enable-components></enable-components>	Comma-separated list of components. Default: ControlComponent,ClientComponent,ConfiguratorComponent Allowed: ControlComponent ClientComponent ConfiguratorComponent	Enable/disable components should only work for Student installations.
disable-components <disable-components></disable-components>	Comma-separated list of components. Default: Allowed: ControlComponent ClientComponent ConfiguratorComponent	Enable/disable components should only work for Student installations, e.g. installing the Student but disabling the configuration.
installer-language <installer-language></installer-language>	Language selection. Default: en Allowed: en fr de es it ja	
uninstall <uninstall></uninstall>	Default: 0	
LicenseChoice <licensechoice></licensechoice>	Default: evaluation Allowed: evaluation register	
<pre>license_choice_path <license_choice_path></license_choice_path></pre>	Default: /Users/testing	Specify location of the license.
InstallationTypeSelection <installationtypeselection></installationtypeselection>	Setup type. Default: typical Allowed: typical control client	
roomname <roomname></roomname>	Room name. Default: Eval	
addtodock <addtodock></addtodock>	Default : 1	