



SquidNet

Network Render Manager

OSX Installation Guide

Version 2.1

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About this document:

This manual will describe the SquidNet installation on Apple's OSX Operating System. It's assumed that the reader is familiar with basic operating system, administrative and networking terms.

For any suggestions or comments, feel free to contact us; contact information can be found in the Help menu in the SMC console and on our website at <http://www.squidnetsoftware.com>.

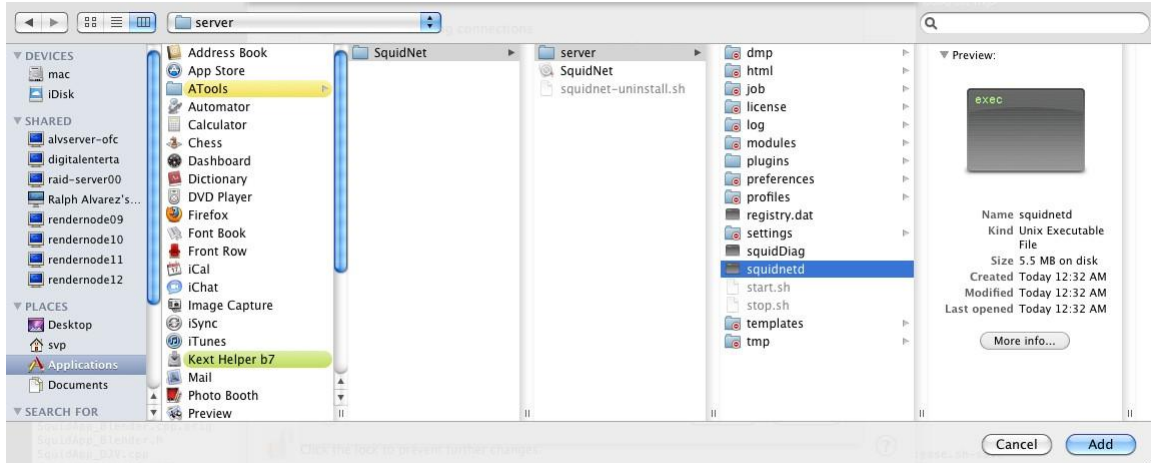
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1 Instructions

1.1 Firewall

The squidnetd daemon uses the following network ports: TCP 17394, UDP 17395, UDP 17396 and UDP 17397.

If you're Mac firewall is enabled, please allow "squidnetd" to accept all incoming connections.



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1.2 Hosts file

Depending on your network setup, in particular your DNS server configuration, the hostname and IP address of every SquidNet OSX node must be added to each nodes `/private/etc/hosts` file.

Do the following command from a terminal session:

```
>>sudo vi /private/etc/hosts
```

Or, use a text editor to modify `/private/etc/hosts` using the MAC UI.

1.3 OSX Windows Server Apps

In order for SquidNet to support background daemon rendering, the following applications need to access services provided by the OSX window server and, therefore, (unfortunately) must have an account logged in to the OSX render node.

- Adobe After Effects
- Luxology modo 601

On the job template for these applications, you must enter the logged in account name into the "**OSX username (mac rendering)**" field. In a mixed-platform environment, WINDOWS render nodes will ignore this field.

Note: This is not a SquidNet limitation but a limitation of the application. We're working with the application developers to provide a better workaround.

1.4 SquidNet User Interface

1.5 Install

1. Make sure you have the latest version of the OSX SquidNet installer available. Always check the website for the latest updates.
2. Make sure you have **root access** before beginning installation process.
3. Download **squidnet-osx-x.xxx.dmg** installer and double-click on file in Finder.
4. Install as normal. Enter root password when prompted. Installer will install in `"/Applications/SquidNetSoftware"` folder.
5. You may start, stop or restart the SquidNet daemon using the following commands:
 - To START server: Login as root and do `"sudo launchctl start com.squidnet.server"`
 - TO STOP server: Login as root and do `"sudo launchctl stop com.squidnet.server"`

1.6 Uninstall

To uninstall SquidNet, do the following:

6. `"cd"` to SquidNet installation directory (`/Applications/SquidNetSoftware/SquidNet`) and execute `uninstall script (squidnet-uninstall.sh)`.

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