Install MP Distribution Servers

When the first server ("Master") is compiled and built it will create a file called "MacPatch\_Server.zip" in /Library/MacPatch. This zip file is a complete copy of the master server build in a unconfigured state. Simply copy the "MacPatch\_Server.zip" to your new distribution server.

## Distribution Server Setup & Config

* # mkdir -p /Library/MacPatch
* # cp {FROM\_PATH}/MacPatch\_Server.zip /Library/MacPatch
* # cd /Library/MacPatch
* # unzip ./MacPatch\_Server.zip
* # mv ./MacPatch\_Server ./Server

## Run Setup Scripts

* # cd /Library/MacPatch/Server
* # ./conf/scripts/Setup/DataBaseLDAPSetup.sh
* # ./conf/scripts/Setup/WebServicesSetup.sh
* # ./conf/scripts/Permissions.sh
* # ./conf/scripts/Setup/StartServices.sh

This distribution server is now configured and running. The last step is to edit the Apache virtual host balancer to include the new distribution server.

## Configure "Master" MacPatch server

Using your favorite editor edit the following file "/Library/MacPatch/Server/Apache2/conf/extra/httpd-vhosts.conf". You will want to edit the Virtual host "\*:2600" (<VirtualHost \*:2600>).

**Find and edit the lines:**

#WslBalanceStart

BalancerMember http://localhost:3601 route=localhost-site1 loadfactor=50

#WslBalanceStop

Add the line below the first "BalancerMember"

BalancerMember http://[YOUR\_SERVER\_NAME\_OR\_IP]:3601 route=[YOUR\_SERVER\_NAME]-site1 loadfactor=50

### Add the server(s) via the Admin console

Login to the MacPatch admin console with a admin account and go to "Admin->Server->MacPatch Server" and add the new server.

### Restart the Apache service

# launchctl unload /Library/LaunchDaemons/gov.llnl.mp.httpd.plist

# launchctl load /Library/LaunchDaemons/gov.llnl.mp.httpd.plist