Marshal8e6 Authenticator Deployment Kit

The Marshal8e6 Authenticator Deployment Kit contains resources to assist network administrators in deploying the Marshal8e6 Authenticator for Apple. When you "run" the Authenticator Deployment Kit application by double-clicking on it, the Finder opens the Deployment Kit folder in the distribution.

You'll find the following files:

- **Authenticator**:   This is the binary application which runs on client workstations. It is designed to run when the user logs in. It connects to the R3000 filter appliance and sends the user's identity information. This allows the R3000 to load the appropriate Internet filtering profile for that user.   The recommended placement for this program on the client workstation is in the /Applications/Marshal8e6/Authenticator directory. It should be owned by root and executable by all.

- **com.marshal8e6.authenticator.plist**: This is a property list file which can be used as-is or customized for your deployment preferences. It provides properties needed by the OS X launchd daemon in order to ensure that Authenticator is properly loaded when the user logs in. The recommended placement for this file on the client workstation is in the /Library/LaunchAgents directory.   It should be owned by root. It should not be writable by users.

- **8e6Authenticator.conf**: This is a sample configuration file for the Authenticator. In most cases, you only have to edit the RA[] parameter to specify the address or host name of your 8e6 R3000 filter appliance.   The recommended placement for this file is in the /Applications/Marshal8e6/ Authenticator directory. It should be readable by all, but writable by root only.

- **Authenticator-install.sh**: This shell script can be used as-is or modified to suit your purposes. It installs the Authenticator on the local machine, using the recommended permissions and locations for files.   It must be run as root from the same directory where it is located, i.e.:

      sudo ./Authenticator-install.sh 192.168.30.201

  The parameter is the virtual IP address of your 8e6 R3000 filter appliance. There are comments in the script describing additional details.

Configuration:

In most cases, configuration involves simply setting the address of the 8e6 Mobile Server (the RA[] parameter in 8e6Authenticator.conf). However, you may want to change the log level option during initial deployment testing to be more verbose – this can make it easier to spot deployment problems. To change the log level, set the LD[] parameter to 4 (maximum). Be sure to set it back to 2 (the default) before deploying on a large scale, as verbose logs can be quite noisy.

For complete configuration information, see the 8e6 R3000 User Guide for Authentication (appendix A).