

FreeBSD Administration - Support #761

Install Standalone Madsonic Server on FreeBSD

03/01/2016 09:56 AM - Daniel Curtis

Status:	Closed	Start date:	03/01/2016
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Multimedia Server	Estimated time:	1.50 hour
Target version:	FreeBSD 9	Spent time:	1.00 hour

Description

This is a simple guide on getting madsonic up and running on FreeBSD 9.

Prepare the Environment

- Before installation of the components, make sure everything is up to date using the following command:

```
pkg update && pkg upgrade
```

Install Madsonic

- Install the madsonic-standalone package:

```
pkg install madsonic-standalone
```

- Start and enable madsonic at boot:

```
echo 'madsonic_enable="YES"' >> /etc/rc.conf  
service madsonic start
```

- Now open a web browser and go to <http://madsonic.example.com:4040>

Install SSL

- Install openssl and zip:

```
pkg install openssl zip
```

- Generate a strong SSL key and a CSR to send for signing by a CA:

```
cd /usr/local/etc  
openssl req -sha512 -out madsonic.example.com.csr -new -newkey rsa:4096 -nodes -keyout madsoni  
c.example.com.key
```

- Combine the SSL key, certificate, and CA intermediate certificate files together into a madsonic-bundle.crt file:

```
cat madsonic.example.com.key madsonic.example.com.crt startcom.class1.bundle > madsonic-bundle  
.crt
```

- Next convert it to a format madsonic understands:

```
openssl pkcs12 -in madsonic-bundle.crt -export -out madsonic-bundle.pkcs12
```

- When prompted enter **madsonic** as export password.

- Now you should have a madsonic-bundle.pkcs12 file, we need to import this into a keystore for Madsonic to use:

```
keytool -importkeystore -srckeystore madsonic-bundle.pkcs12 -destkeystore madsonic.keystore -s  
rcstoretype PKCS12 -srcstorepass madsonic -srcalias 1 -destalias madsonic
```

- When prompted enter **madsonic** as the password.

- Finally we need to put the keystore into the file Madsonic uses to boot:

```
zip /usr/local/madsonic-standalone/madsonic-booter-jar-with-dependencies.jar madsonic.keystore
```

- Now set the madsonic_https_port in the rc.conf file and restart madsonic:

```
echo 'madsonic_https_port="4443"' >> /etc/rc.conf  
service madsonic restart
```

History

#1 - 03/02/2016 05:27 PM - Daniel Curtis

- Status changed from *New* to *Resolved*

- % Done changed from 0 to 100

#2 - 03/12/2016 02:08 PM - Daniel Curtis

- Status changed from *Resolved* to *Closed*

#3 - 04/11/2016 10:20 AM - Daniel Curtis

- Description updated