

FreeBSD Administration - Support #752

Install Standalone Subsonic Server on FreeBSD

02/23/2016 01:55 PM - Daniel Curtis

Status:	Closed	Start date:	02/23/2016
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Multimedia Server	Estimated time:	1.00 hour
Target version:	FreeBSD 9	Spent time:	1.50 hour

Description

This is a simple guide on getting subsonic 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 Subsonic

- Install the subsonic-standalone package:

```
pkg install subsonic-standalone
```

- Start and enable subsonic at boot:

```
echo 'subsonic_enable="YES"' >> /etc/rc.conf  
service subsonic start
```

- Now open a web browser and go to <http://subsonic.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 subsonic.example.com.csr -new -newkey rsa:4096 -nodes -keyout subsoni  
c.example.com.key
```

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

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

- Next convert it to a format Subsonic understands:

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

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

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

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

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

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

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

- Now set the subsonic_https_port in the rc.conf file and restart subsonic:

```
echo 'subsonic_https_port="4443"' >> /etc/rc.conf  
service subsonic restart
```

Resources

- <http://www.subsonic.org/pages/installation.jsp#standalone>
- <http://www.richgrundy.com/blog/setting-up-ssl-cert-for-subsonic/>

History

#1 - 02/23/2016 02:46 PM - Daniel Curtis

- Status changed from *New* to *Resolved*

- % Done changed from 0 to 100

#2 - 02/23/2016 08:37 PM - Daniel Curtis

- Description updated

#3 - 03/12/2016 02:03 PM - Daniel Curtis

- Status changed from *Resolved* to *Closed*