

# SME Server Applications

## ***SlimServer Music Server***

### **Installation**

SlimServer is a full-featured music streaming server from Slim Devices released under the GPL. Check for updates here: [http://www.slimdevices.com/su\\_downloads.html](http://www.slimdevices.com/su_downloads.html)

As root, enter the following commands:

```
# Install the SlimServer you previously downloaded (for SME 7)
rpm -Uvh slimserver-6.2.1-1.noarch.rpm
# Try using this RPM for SME 6
# rpm -Uvh slimserver-5.4.0-1.noarch.rpm

# Create the SME database entries to make SlimServer publicly available
# Do NOT perform this command if you don't want to enable access from the Internet
# or want do not want to deal with the security arrangements for such access
config set slimserver service TCPPort 9000 access public status enabled
config set slimproto service TCPPort 3483 access public status enabled

# Rebuild and activate the firewall scripts
signal-event remoteaccess-update

# Make slimServer start up automatically after a reboot
ln -s /etc/rc.d/init.d/slimserver /etc/rc.d/rc7.d/S99slimserver

# Start SlimServer now
service slimserver start
```

### **Remote (Public) Access**

If your SME Server is your firewall. Skip to the next section.

If your SME Server is behind a NAT firewall and you want to enable access from the Internet, you will need to forward port 9000 to the IP address of your SME Server.

### **Configure SlimServer**

Open your web browser to:

<http://ip.or.name:9000>

On the left, select Server Settings and be sure to enter the path to your music files. I created a new I-Bay owned by the group everyone with write=group, read=everyone privileges just for my music files. Enter something like:

```
/home/e-smith/files/ibays/{ibayname}/files/{yourmusicfolder}
```

**IMPORTANT:** If you enable access from the Internet, you will also want to enable user/password security, either in SlimServer or on the I-Bay so unauthorized persons do not steal your music and waste your bandwidth.

## Using SlimServer

You can use the Slim Devices SqueezeBox devices, the included SoftSqueeze player or most any music player capable of playing an MP3 music stream. The SqueezeBox devices and the cross-platform SoftSqueeze players have built-in control of the SlimServer music stream, but you need to control the stream via the web page for generic music players. Frankly, the web page is probably easier anyway.

### **SoftSqueeze**

Open the SlimServer web page at:

<http://ip.or.name:9000>

Click on SoftSqueeze on the left under Help.

Linux users may need to download and install the .rpm from <http://softsqueeze.sourceforge.net>.

### **Generic Music Player**

Open your favorite music player and configure it to play a MP3 music stream at a URL similar to this one:

<http://ip.or.name:9000/stream.mp3>

or if you enabled security:

<http://username:password@ip.or.name:9000/stream.mp3>

Be sure to change ip.or.name to the IP address or DNS name of your SME server. You will not hear anything yet!

Then, open a web browser to the SlimServer and tell it to play something to your particular player. You control the music to be played by using the web interface to the SlimServer:

<http://ip.or.name:9000>