Multicast Discovery Cheat-Sheet

Downloading and installing the jMDNS implementation.

- Visit http://jmdns.sourceforge.net/
- Click on the JmDNS on SourceForge link
- Download from there

For Jython to know about the new code, you'll have to change the CLASSPATH used to execute Jython. If you're running Jython from the command line, you can just set your CLASSPATH environment variable to point to the JAR file contained in jmdns-1.0/lib (jmdns.jar). You can also edit the jython shell script (or BAT file) itself. If you're running Jython under another tool such as JEdit, you may need to jump through more hoops.

You'll know Jython found jmdns.jar if, the next time you run Jython, it says that it's "processing" the file.

At this point you should be good to use any JmDNS code from Jython

Documentation
JmDNS comes with Java documentation; it should be relatively easy to make sense out of how to call it from Jython.

Note that the README.txt code examples are out of date--use the included docs instead.

Sample Jython code for service discovery and registration
See jmdns-example.py (on the class website) for an example of how to use JmDNS from Jython.

For your code, you'll need to use the same protocol type string ("_cs6452._tcp.local."). The name you use should be a unique string that identifies each instance of your program... most likely, this will be your name. You'll also have to specify the port on which your application is listening for connections--be sure that you're (1) on the net, and (2) have any requisite firewall ports open in order for this to work.