Diameter Multiplexer (MUX) Setup

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Pre-Install Requirements and Prerequisites

Ensure that the following requirements have been met before continuing with the installation process.

Hardware Requirements

MUX does not have any hardware requirements.

Software Prerequisites

MUX must be deployed either in {jee-version} v4.x or v5.x. However it is possible to adapt configuration files and run in any JMX container.

Source Code

This section provides instructions on how to obtain and build the Restcomm Diameter MUX from source code.

Release Source Code Building

1. Downloading the source code

   > ❗ Subversion is used to manage its source code. Instructions for using Subversion, including installation, can be found at http://svnbook.red-bean.com.

   Use SVN to checkout a specific release source. The base URL is https://github.com/Restcomm/jdiameter . Then add the specific release version, for example 1.7.0-SNAPSHOT .

   ```
   [usr]$ git clone git@github.com:RestComm/jdiameter.git
   ```

2. Building the source code

   > ❗ Maven 3.2.5 (or higher) is used to build the release. Instructions for using Maven2, including installation, can be found at http://maven.apache.org.

   Use Maven to build the deployable unit binary.

   ```
   [usr]$ cd -
   [usr]$ mvn install
   ```

   Once the process finishes you should have the SAR built. If the `JBOSS_HOME` environment variable

is set, the will be deployed in the container after execution.

> By default Restcomm Diameter MUX; deploys in the JBoss Application Server v5.x
> . To change it, run `maven` with the profile switch command: `-Pjboss4`.

Development Trunk Source Building

Follow the Release Source Code Building procedure, replacing the SVN source code URL with
https://github.com/Restcomm/jdiameter .