

Pre-Requisites

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Restcomm USSD GATEWAY 's core requirement is Java. The following table details the Hardware, Operating System and Software requirements for a clean installation of Restcomm USSD GATEWAY

Table 1. Installation Pre-Requisites

Component	Requirement	Notes
System Requirements	Intel Pentium 1 GHz or faster for simple applications. Hard disk space of at least 20MB. RAM of at least 1.5 GB	Higher the RAM and processing power, better is the throughput
TDM Hardware	For legacy SS7 links, you must have dahdi or dialogic cards installed along with their native libraries.	
Operating System	The platform can be installed on any OS that supports Java and SCTP. But native libraries for SS7 cards are compiled only for Linux at the moment and therefore supported only on Linux Operating System.	The libraries will be compiled for Windows in future releases.
Java	You must have a working Java Runtime Environment (JRE) or Java Development Kit (JDK) installed on your system and it must be version 7 or higher. M3UA uses Java SCTP which is available only from JDK 7 onwards.	
Firewall Access	You must ensure that you have appropriate firewall permissions to allow access to IP:8080. This is required to access the management consoles.	
SCTP libraries	If you intend to use SIGTRAN (M3UA), you must have the lksctp library installed. The Linux Kernel Stream Control Transmission Protocol (lksctp) library provides SCTP implementation.	For more details on downloading and installing lksctp, please refer to http://lksctp.sourceforge.net/



You must ensure that the **JAVA_HOME** and **JBOSS_HOME** Environment variables are set properly for the user account(s) that will run the server. For more details on setting these variables, please refer to the sections [[jdk_installing_configuring_and_running](#)] and [[jboss_home_setup](#)].