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# SIP Voicemail Deployment Guide


SIP Voicemail Deployment Prerequisites

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This list applies to release 8.1.1.

## Prerequisites

This section describes the prerequisites for the deployment of Genesys SIP Voicemail:

Prerequisite	Details
Operating System	Red Hat Enterprise Linux (RHEL), 64-bit Windows 2008 (64-bit)
C++	RELH5 Host must have C++ compatibility library (compat-libstdc++-33-3.2.3-61.i386.rpm) installed
RAM	Recommended 4GB of RAM or above available to the Java process.
Runtime Environment	Java Runtime Environment (JRE) v1.6 or above, 64-bit
Genesys Requirements	<ul style="list-style-type: none"> <li>Genesys Management Framework must be installed and configured. See the <i>Framework 8.1 Deployment Guide</i> for details.</li> <li>A SIP Server instance for managing agents must be installed and configured. See the <i>Framework 8.1 SIP Server Deployment Guide</i> for details. <b>Note:</b> If you want to use an existing premise SIP Server to also process voicemail, you must use SIP Server version 8.1 or higher.</li> <li>(Manual Deployment only) All application templates must be installed. Use the supplied templates for the SIP Voicemail Server. <b>Note:</b> The Complete Install automatically imports the required templates.</li> </ul>
 <b>Next:</b>	Go to the <a href="#">Manual Deployment</a> or <a href="#">Complete Install</a> task summary.

## Maximize Performance

You can maximize performance from Genesys SIP Voicemail. The following hardware will handle 15,000 mailboxes, 200 concurrent calls, with a message duration of 30 seconds and an average of 15 messages per mailbox:

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- 2 quad core CPUs, 2 GHz
- 16 GB RAM
- 500 GB HDD

All SIP Voicemail components need to be installed and running on all hardware.