GENESYS™

SIP Feature Server Deployment Guide

Hardware and software prerequisites

12/18/2025

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> ## Warning
>
> This Deployment Guide applies ONLY to the Legacy SIP Feature Server 8.1.200.xx release. Unless you have been told to use this documentation, use the current 8.1.2 Deployment Guide

Genesys SIP Feature Server requires the following hardware and software. Other system components, such as Genesys Management Framework, have their own hardware and software requirements.

Sizing

To calculate the database disk space requirements for voicemail and monitoring in your environment, enter your information in column B of the SIP Feature Server 8.1.2 Sizing Guide.

Category	Prerequisite
Host	Install Feature Server on its own dedicated host, unless you are deploying to a small or lab environment. Do not co-locate any other applications on this host.

Operating System	• Red Hat Enterprise Linux (RHEL) 5 or 6, 64-bit, or
	
	• Windows 2008 (64-bit)
	
	All Feature Servers in your environment must run on either Linux or Windows. You cannot mix Linux and Windows machines.
	
	If you are running RHEL 6, you must:
	
	• Install all RHEL 6 compatibility packages
	
	• Create a symbolic link for `libcurl.so.3` (64-bit only):
	`cd /usr/lib64`
	
	`ln -s /usr/lib64/libcurl.so.4.1.1 ./libcurl.so.3`
	
	If you are running RHEL 5, you must also install the C++ compatibility library (compat-libstdc++-33-3.2.3-61.i386.rpm)

RAM	4GB of RAM or above available to the Java process.
Runtime Environment	Java Runtime Environment (JRE) v1.7 or above, 64-bit
Cassandra cluster	The Cassandra cluster that SIP Feature Server installs requires two disks, one for the commit log

Category	Prerequisite
	and the other for the data directories. At a minimum, place the commit log in its own partition.
Genesys Requirements	Install and configure: • Genesys Management Framework. See the *Framework 8.1 Deployment Guide* for details. • Genesys Voice Platform components: Resource Manager and Media Control Platform. See the Genesys Voice Platform Deployment Guide. • A SIP Server instance for managing agents. See the *Framework 8.1 SIP Server Deployment Guide* for details. Note: If you want to use an existing premise SIP Server to also process voicemail, you must use SIP Server version 8.1 or higher. • All application templates. Use the supplied templates for the SIP Feature Server.

Feature Server uses the following default ports. Do not use these ports for any other applications that share the host on which you install Feature Server.

Port	Used for
7000	Cassandra Storage_port
7001	Cassandra SSL_Storage_port
8080	http
8443	https
8800	Dial plan
9160	Cassandra rpc_port
9192	JMX remote port