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# SIP Voicemail Deployment Guide

SIP Voicemail Manual Deployment





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These steps apply to release 8.1.1.

## Manual Deployment Task Summary Table

Complete the following steps to deploy Genesys SIP Voicemail manually.

Objective	Related procedures and actions
1. Ensure that your system meets the deployment prerequisites.	See <a href="#">Deployment Prerequisites</a> .
2. Install SIP Voicemail Server.	Complete one of the following procedures, as per your operating system:  <a href="#">Installing SIP Voicemail Server (on Linux)</a>  <a href="#">Installing SIP Voicemail Server (on Windows)</a>
3. Configure the SIP Voicemail Server Application.	Complete the following procedure:  <a href="#">Configuring the SIP Voicemail Server Application object</a>
4. Configure the Agent SIP Server Application.	On the Options tab, in the TServer section, configure the following options to activate the Message Waiting Indication (MWI) functionality: <ul style="list-style-type: none"> <li>• <code>mwi-implicit-notify=true</code></li> <li>• <code>subscription-event-allowed=*</code></li> <li>• <code>dial-plan=&lt;voicemail DN&gt;</code></li> </ul> To use the No-Answer-Supervision feature, configure related configuration options, which could be set at an Application- or at DN-level. See the <i>Framework 8.1 SIP Server Deployment Guide</i> for details
5. Configure DNSs for the Agent SIP Server Application.	Complete the following procedure:  <a href="#">Configuring DNSs for the Agent SIP Server Application</a>
6. Configure the GSVM SIP Server Application.	On the Options tab, in the TServer section, configure the following options, configure the following options to activate the MWI functionality:

Objective	Related procedures and actions
	<ul style="list-style-type: none"> <li>• <code>mwi-implicit-notify=""</code></li> <li>• <code>subscription-event-allowed=*</code></li> </ul>
7. Configure DNSs for the SIP Server Application dedicated to GSVM.	<p>Complete the following procedure:</p> <p> <a href="#">Configuring DNSs for the GSVM SIP Server Application</a></p>
8. Configure the GVP Resource Manager Application.	<p>Reorganized this section to separate mandatory step from single-site-only steps.</p> <p>Configure the following (mandatory):</p> <ul style="list-style-type: none"> <li>• Indicate that the DNIS for the IVR Profile is fetched from the Request-URI message:  <code>[rm].sip-header-for-dnis = request-uri</code></li> </ul> <p>Configure the following only if SIP-Server and Resource Manager are deployed on the same host:</p> <ul style="list-style-type: none"> <li>• On the Options tab, in the proxy section, modify the following options by entering new port numbers. For example: <ul style="list-style-type: none"> <li>• <code>sip.localport = 5260</code></li> <li>• <code>sip.localsecureport = 5261</code></li> <li>• <code>sip.transport.0 = transport0</code>  <code>udp:any:5260</code></li> <li>• <code>sip.transport.1 =transport1</code>  <code>tcp:any:5260</code></li> <li>• <code>sip.transport.2 = transport2</code>  <code>tls:any:5261</code>  <code>cert=\$InstallationRoot\$/config/x509_certificate.pem</code>  <code>key=\$InstallationRoot\$/config/x509_private_key.pem</code></li> </ul> </li> </ul>
9. Configure GVP resources.	<p>Complete the following procedure:</p> <p> <a href="#">Configuring GVP Resources</a></p>
10. Configure A GVP IVR Profile to point to SIP Voicemail Server.	<p>On the Options tab, specify these parameters in their respective sections:</p> <ul style="list-style-type: none"> <li>• <code>[gvp.general]service-type = voicexml</code></li> <li>• <code>[gvp.service-prerequisite]initial-page-url = http://&lt;Voicemail Server IP&gt;:&lt;8080&gt;/voicemail-web</code></li> </ul> <p><b>Note:</b> For HA deployments, use the Virtual IP address for the GSVM Server HA pair.</p>

Objective	Related procedures and actions
11. Configure a GVP DID Group.	<ul style="list-style-type: none"><li>On the Options tab, specify this parameter in its respective section: [gvp.dn-groups]&lt;name of the group&gt; = &lt;DNs in the group&gt; where &lt;DNs in the group&gt; are configured DN's under a Switch with which the voicemail SIP Server Application is associated.</li><li>Associate the IVR Profile with the DID Group, by specifying the following parameter in its respective section: [gvp.dn-group-assignments]voicemail=&lt;DBID of the Voicemail IVR Profile&gt;</li></ul>
12. Configure a GVP MCP object.	<ul style="list-style-type: none"><li>On the Options tab, in the gvp.rm section, configure the following parameter: aor=sip:&lt;MCP_IP_Address:MCP_Port&gt;</li><li>Make sure the Squid is disabled by specifying the following parameter: fm.http_proxy=""</li><li>On the Connections tab, add the TTS Application object</li><li>On the Advanced tab, in the Application Parameters dialog box, specify the following parameter: provisiontype=primary</li></ul>