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SIP Voicemail HA Deployment Guide

[HA Scenarios Overview](#)

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HA Scenarios Overview

Genesys SIP Voicemail (GSVM) can be deployed as a highly-available (HA) pair of voicemail servers, providing redundancy for the communication paths between the server components, as well as for the database information associated with the voicemail messages themselves.

Overview

GSVM supports two HA scenarios: Traditional HA and Solution HA.

Traditional HA

In this scenario, all the GSVM components are configured in a HA pair. The failure of either the VM server or VM SIP server collocated on the primary host will result in a coordinated switchover of the VM Server and VM SIP Server in the backup host. The switchover for GVP components is defined by the individual HA deployment modes of GVP and Premise SIP Server.

Key Points About Traditional HA

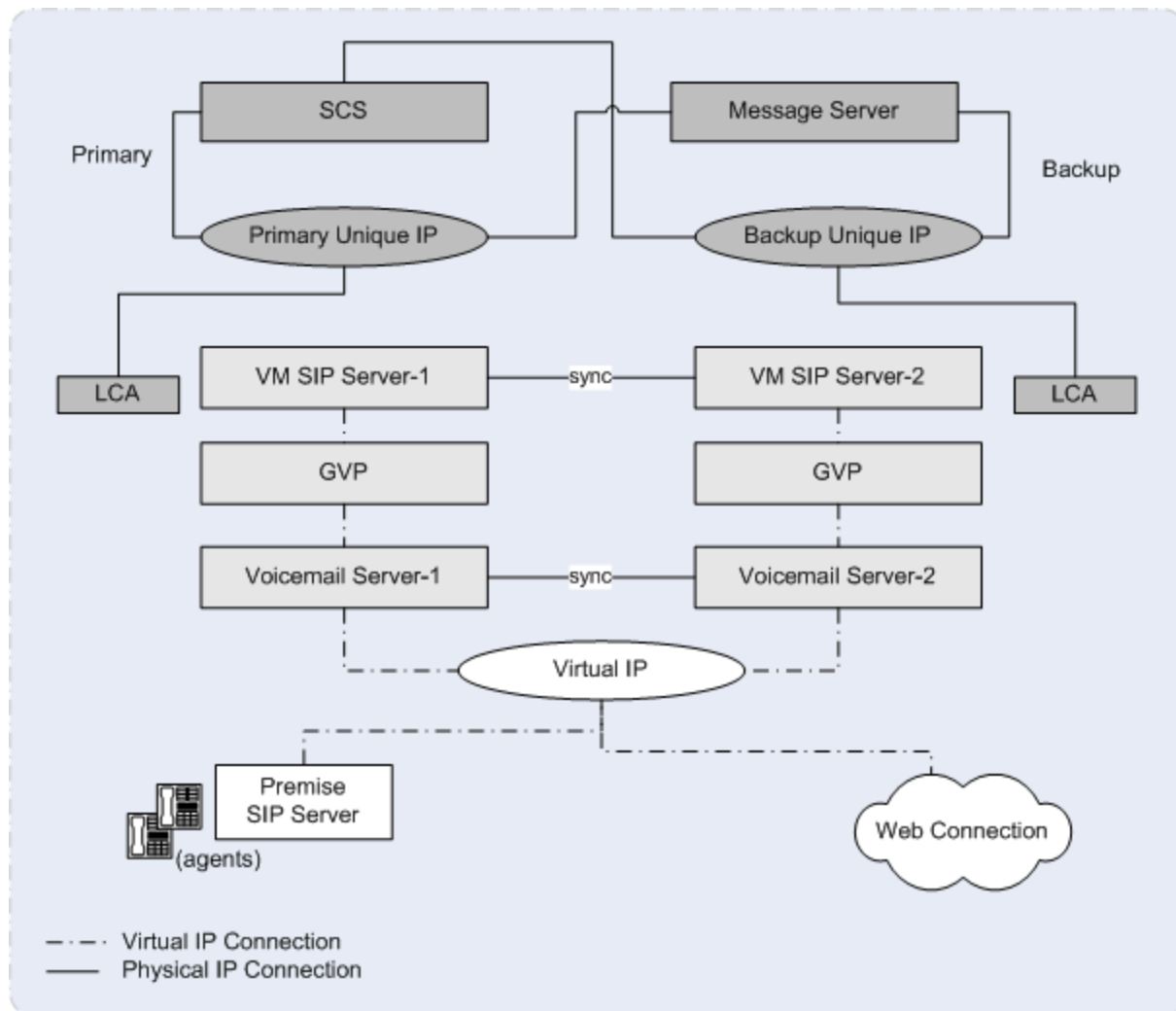
- Primary and backup VM Servers are deployed collocated with the VM SIP Server.
- RM and MCP are deployed in a standard HA configuration as supported and described in Genesys Voice Platform documentation.
- MCP instances should be configured to place their recordings in a shared directory where the VM Server can access them.

Solution HA

In this scenario, the failure of a single component results in a coordinated switchover of the entire solution from primary to backup server. This approach provides a more robust synchronization -- useful, for example, for Reporting purposes.

IP Interface Architecture

The following diagram shows the connections between Genesys components and the Voicemail host.



Redundancy Types

GSVM in an HA deployment supports redundancy for both server traffic and for database information related to the voicemail messages themselves.

