



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

SIP Server Deployment Guide

IMS Integration: Routed Calls as Originating or Terminating

5/11/2025

IMS Integration: Routed Calls as Originating or Terminating

In IP Multimedia Subsystem (IMS) deployments, SIP Server can route calls parked on a Media Server using a call-originating leg or terminating leg. Call-originating legs, compared to call-terminating legs, contain the `orig` parameter in the Route header of an INVITE request that SIP Server sends to the IMS.

Originating legs are subject to HSS interactions and might pass through a chain of application servers serving originating calls. Note that this processing consumes network and CPU resources.

For more information about termination and initiation INVITEs in the IMS, see the *3GPP TS 24.229 V9.0.0 (2009-06)—Technical Specification 3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP)*.

Feature Configuration

The Application-level `ims-use-term-legs-for-routing` configuration option enables this feature.

`ims-use-term-legs-for-routing`

Default Value: `false`

Valid Values: `true`, `false`

Changes Take Effect: Immediately

For use in IMS environments only. When set to `true`, SIP Server uses a call-terminating leg to route calls on behalf of the Routing Point after a treatment is applied. When set to `false`, SIP Server uses a call-originating leg to route calls after a treatment is applied.