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SIP Server Deployment Guide

IMS Integration: Routed Calls as Originating or Terminating

5/5/2025

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.