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# SIP Server Deployment Guide

Setting SIP INVITE timeout for individual DNs

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# Setting SIP INVITE timeout for individual DNs

With this enhancement, you can limit how long a SIP transaction will remain in Proceeding state if the only provisional response received was 100 Trying. When this timeout expires, the call is either sent to the DN configured in the **no-response-dn** option, or released if that option is not configured. (See the "Alternate Routing for Unresponsive DNs" section in the [SIP Server Deployment Guide](#).)

The **sip-invite-timeout** option set at the Application level specifies the number of seconds SIP Server waits for a response to the INVITE message; if no response is received in that interval, the call times out. The maximum value of this option is 34 seconds. To extend the waiting period of time for SIP Server after the 100 Trying is received before the call times out, configure the **sip-trying-timeout** option for individual DNs, which offers the maximum value of 256 seconds.

## Feature Configuration

In the SIP Server Switch > DNs > individual DN > TServer section, configure the **sip-trying-timeout** option.

### sip-trying-timeout

Setting: **TServer** section, DN level  
Default Value: An empty string  
Valid Values: 0 - 256  
Changes Take Effect: For the next call

Specifies the period of time (in seconds) that a SIP call remains in an active state if the only provisional response received was 100 Trying. When this timeout expires, the call is either sent to the DN configured in the **no-response-dn** option, or is released if that option is not configured. If the **sip-trying-timeout** option is not specified, the value of the Application-level option **sip-invite-timeout** is used instead. If the **sip-invite-timeout** option is set to 0, the default value of 32 seconds is used.

The **sip-trying-timeout** option can be set on the following DN types:

- Extension
- Trunk
- Voice over IP Service with **service-type=softswitch**