SIP Endpoint SDK for .NET

9.0.022.05

12/18/2025

Contents

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9.x

SIP Endpoint SDK for .NET Release Notes

Release Date	Release Type	Restrictions	AIX	Linux	Solaris	Windows
12/17/20	Update					X

What's New

This release contains the following new features and enhancements:

- If `req_interval` is configured as a non-zero value and if there is a DNS failure in resolving the SIP Server name on startup, SIP Endpoint SDK now retries registration attempts. Earlier, the connection was marked as *failed* and required the user to re-register the connection. (SEPSDK-2717)

- SIP Endpoint now includes an a=ptime parameter for outgoing SDP, when configured with a `ptime` key-value pair in `codecs.enabled.audio` setting, for example:

```
<domain name="codecs">
  <section name="enabled">
    <setting name="audio" value="g729,pcmu,ptime=40"/>
```

The valid values for this parameter depending on enabled codecs are:

- `ptime=20` (default) and `ptime=40` are allowed for all currently supported audio codecs

- `ptime=60` is allowed for G.711, G.722, G.729 and Opus (but not for iLBC and iSAC)

If specified, SIP Endpoint would add the a=`'ptime'` parameter to both Offer SDP (always with configured value) and Answer SDP (with negotiated value, which may be different based on the remote Offer SDP).

Helpful Links

Releases Info

- List of 9.0.x Releases
- 9.0.x Known Issues

Product Documentation

- SIP Endpoint SDK

Genesys Products

- List of Release Notes

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> ### Important
>
> As in previous releases, the size of outgoing RTP packets depends only on the `ptime` value in the remote SDP (The endpoint must send packets that the other side is willing to accept).

(SEPSDK-2709)

Resolved Issues

This release contains the following resolved issues:

SDP processing no longer makes the endpoint unstable after adding or removing video on an active call repeatedly. (SEPSDK-2719)

SIP Endpoint SDK now correctly ignores the media section with port 0 (indicating a rejected stream) in the incoming SDP. Earlier, the media attributes were applied incorrectly resulting in an incorrect processing of the SDP offer. (SEPSDK-2700)

Upgrade Notes

No special procedure is required to upgrade to release 9.0.022.05.