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# SIP Endpoint SDK for .NET

9.0.001.05

12/20/2025

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# 9.0.001.05

## SIP Endpoint SDK for .NET Release Notes

Release Date	Release Type	Restrictions	AIX	Linux	Solaris	Windows
03/24/17	General					X

### What's New

This release contains the following new features and enhancements:

- SIP Endpoint SDK for .NET now uses the PJNATH library for improved ICE, STUN, and TURN support.
- Updated settings for the **security** Section. These settings now match the naming convention of the Genesys Security Guide. For backwards compatibility, the SDK also accepts previous setting names. Note that the SDK no longer uses the **tls\_enabled** setting.

Previous settings:

```
<section name="security">
  <setting name="cert_file"
value="ValueOfCertificateThumbprint"/>
  <setting name="tls_enabled" value="0"/>
  <setting name="use_srtp" value="disabled"/>
</section>
```

Updated settings:

```
<section name="security">
  <setting name="certificate" value=""/>
  <setting name="tls-target-name-check" value="host"/>
  <setting name="use_srtp" value="allowed"/>
</section>
```

### Resolved Issues

This release contains the following resolved issues:

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Fixed an issue affecting 3pcc MakeCall operations with NAT traversal (ICE) and authentication

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### 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](#)

both enabled and **refer-enabled** set to true on the originating DN. (SEPSDK-1546)

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SIP Endpoint SDK now automatically places an active call on hold when receiving a SIP request to answer or retrieve another call (NOTIFY with "talk" event). Previously, auto-hold worked for 1pcc operations but not for 3pcc. (SEPSDK-1483)

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Fixed how the SDK handles a failure to connect to a TURN server with NAT traversal (ICE) for cases where the **turn\_server** setting resolves to a valid host, but the host does not have a TURN server running at the specified port. (SEPSDK-1459)

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Fixed an issue with 3pcc MakeCall in cases with NAT traversal (ICE) where the originating DN uses make-call-rfc3725-flow=1, refer-enabled=false, and the destination does not immediately answer the call. (SEPSDK-1441)

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Fixed an issue where a Hold/Retrieve on a call established using NAT traversal (ICE) could result in the call dropping in cases where the DN performing the operation is configured with sip-hold-rfc3264=false. (SEPSDK-1429)

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The Complete Transfer with NAT Traversal (ICE) feature now works correctly when the **sip-replaces-mode** options is set to 1 or 2 on a transferred party DN or on the application level. (SEPSDK-754)

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Fixed an issue with turn\_relay\_type = 0 (UDP), which worked unreliably in previous versions. (SEPSDK-753)

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## Upgrade Notes

No special procedure is required to upgrade to release 9.0.001.05.