

EXPORTED EVENTS DETAIL

This document describes the events supported by VaxSIPUserAgent SDK Components:

1. OnTryingToRegister()
2. OnFailToRegister()
3. OnSuccessToRegister()
4. OnTryingToUnRegister()
5. OnFailToUnRegister()
6. OnSuccessToUnRegister()
7. OnTryingToReRegister()
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10. OnConnecting()
11. OnSuccessToConnect()
12. OnFailToConnect()
13. OnDisconnectCall()
14. OnCallTransferAccepted()
15. OnPlayWaveDone()
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17. OnMsgNOTIFY()
18. OnVoiceMailMsg()
19. OnIncomingCall()
20. OnIncomingCallRingingStart()
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27. OnIncomingDiagnostic()
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OnTryingToRegister

It notifies that sip server is processing the register request.

OnFailToRegister

Register request to sip server has failed.

OnSuccessToRegister

Component has successfully registered with the sip server.

OnTryingToUnRegister

It notifies that sip server is processing the un-register request.

OnFailToUnRegister

Unregister request to sip server has failed.

OnSuccessToUnRegister

Component has successfully unregistered with the sip server.

OnTryingToReRegister

It notifies that sip server is processing the re-register request.

OnFailToReRegister

Re-register request to sip server has failed.

OnSuccessToReRegister

Component has successfully re-registered with the sip server.

OnConnecting

Trying to connect the call.

OnSuccessToConnect

Call is successfully connected.

OnFailToConnect

Call is not connected.

OnDisconnectCall

Notifies that other party has hung up the phone.

OnCallTransferAccepted

Notifies that the sip server has accepted the transfer request.

OnPlayWaveDone

Notifies that component has played the entire wave file.

OnDTMFDigit

Notifies about the dtmf digit or key pressed by the other end.

OnMsgNOTIFY

When NOTIFY message receives from the SIP server.

OnVoiceMailMsg

Notifies about the voice mail messages. It only works if voice mail message service is enable in your SIP server.

OnIncomingCall

Notification for incoming call.

OnIncomingCallRingStart

Incoming call is ringing. Any phone bell wave file can be played on this event.

OnIncomingCallRingStop

Incoming call ringing stopped. Stop playing phone bell wave file.

OnProvisionalResponse

Notifies that Provisional response is received from the SIP Proxy Server. SIP provisional responses lies in the range of 1xx (100 to 199). please see the SIP RFC 3261 for more details.

OnRedirectionResponse

Notifies that redirection response is received from the SIP Proxy Server. SIP redirection responses lies in the range of 3xx (300 to 399). please see the SIP RFC 3261 for more details.

OnRequestFailureResponse

Notifies that request failure response is received from the SIP Proxy Server. SIP request failure responses lies in the range of 4xx (400 to 499). please see the SIP RFC 3261 for more details.

OnServerFailureResponse

Notifies that server failure response is received from the SIP Proxy Server. SIP server failure responses lies in the range of 5xx (500 to 599). please see the SIP RFC 3261 for more details.

OnGeneralFailureResponse

Notifies that global failure response is received from the SIP Proxy Server. SIP general failure responses lies in the range of 6xx (600 to 699). please see the SIP RFC 3261 for more details.

OnIncomingDiagnostic

It can be used to log inbound SIP messages.

OnOutgoingDiagnostic

It can be used to log outbound SIP messages.