Microsoft Skype for Business Deployment Guide

T-Library Functionality

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T-Library Functionality

The following table presents T-Library functionality supported in T-Server for Skype for Business. The table entries use these notations:

- N—Not supported
- Y—Supported
- E—Event only supported
- I—Supported, but reserved for Genesys Engineering
- An asterisk (*) indicates the event that contains the same Reference ID as the request

This table reflects only the switch functionality used by Genesys software and might not include the complete set of events offered by the switch.

When a set of events is sent in response to a single request, the events are listed in an arbitrary order. For more information, refer to the Genesys Events and Models Reference and the Platform SDK .NET (or Java) API Reference.

Certain requests in the table are reserved for Genesys Engineering and are listed here merely for completeness of information.

Notes describing specific functionality appear at the end of the table.

Feature Request	Request Subtype	Corresponding Events	Supported
General Requests			
TOpenServer		EventServerConnected	Y
TOpenServerEx		EventServerConnected	Y
TCloseServer		EventServerDisconnected	Y
TSetInputMask		EventACK	Y
Registration Requests			
TRegisterAddress[1]		EventRegistered	Y
TUnregisterAddress[1]		EventUnregistered	Y
Call-Handling Requests			
TMakeCall	Regular	EventDialing*	Y
TAnswerCall			N
TReleaseCall		EventReleased	Y
TClearCall		EventReleased	Y
THoldCall		EventHeld	Y

Feature Request	Request Subtype	Corresponding Events	Supported
TRetrieveCall		EventRetrieved	Y
Transfer/Conference Requests			
TInitiateTransfer[2]		EventHeld EventDialing*	Y
TCompleteTransfer		EventReleased* EventPartyChanged	Y
TInitiateConference[2]		EventHeld EventDialing*	Y
TCompleteConference		EventReleased* EventRetrieved EventPartyAdded EventPartyChanged	Y
TDeleteFromConference		EventPartyDeleted* EventReleased	Y
TReconnectCall		EventReleased EventRetrieved*	Y
TAlternateCall		EventHeld* EventRetrieved	Y
TMergeCalls	ForTransfer	EventHeld EventReleased* EventRetrieved EventPartyChanged	N
	ForConference	EventHeld EventReleased* EventRetrieved EventPartyChanged EventPartyAdded	N
TSingleStepTransfer[2]		EventReleased* EventPartyChanged **Note:** This T-Server generates EventReleased on the transferring DN only after a call is connected on the recipient DN.	Y
TSingleStepConference		EventRinging* EventEstablished EventPartyAdded	Y
Call-Routing Requests			
TRouteCall	Unknown	EventRouteUsed	Y
	Default		Y
	Reject		Y
	CallDisconnect		Y

Feature Request	Request Subtype	Corresponding Events	Supported
Call-Treatment Requests			
TApplyTreatment	PlayApplication	EventTreatmentApplied + EventTreatmentEnd)/ EventTreatmentNotApplied	Y
	Music		Y
	RingBack		Y
	Silence		Y
	Busy		Y
	CollectDigits		Y
	PlayAnnouncement		Y
	PlayAnnouncementAndDigits		Y
	RecordUserAnnouncement		Y
	FastBusy		Y
TGiveMusicTreatment		EventTreatmentApplied	N
TGiveRingBackTreatment		EventTreatmentApplied	N
TGiveSilenceTreatment		EventTreatmentApplied	N
Agent & DN Feature Requests			
TAgentLogin		EventAgentLogin	Y
AgentLogout		EventAgentLogout	Y
TAgentSetIdleReason		EventAgentIdleReasonSet	N
TAgentSetReady		EventAgentReady	Y
TAgentSetNotReady		EventAgentNotReady	Y
TMonitorNextCall	OneCall	EventMonitoringNextCall	Y
	AllCalls		Y
TCancelMonitoring		EventMonitoringCanceled	Y
TSetMuteOff		EventMuteOff	Y[3]
TSetMuteOn		EventMuteOn	Y[3]
Query Requests			
TQueryCall[1]	PartiesQuery	EventPartyInfo	N
	StatusQuery		Y
TQueryAddress[1]	DNStatus	EventAddressInfo	Y
TQueryLocation	AllLocations	EventLocationInfo	I
	LocationData		I
	MonitorLocation		I
	CancelMonitorLocation		I
	MonitorAllLocations		I

Feature Request	Request Subtype	Corresponding Events	Supported
	CancelMonitorAllLocations		I
TQueryServer[1]		EventServerInfo	Y
User-Data Requests			
TAttachUserData		EventAttachedDataChanged	Y
TUpdateUserData		EventAttachedDataChanged	Y
TDeleteUserData		EventAttachedDataChanged	Y
TDeleteAllUserData		EventAttachedDataChanged	Y
ISCC (Inter Server Call Control) Requests			
TGetAccessNumber[2]		EventAnswerAccessNumber	I
TCancelReqGetAccessNumber		EventReqGetAccessNumberCanceled	I
Special Requests			
TReserveAgent		EventAgentReserved	I
TSendEvent		EventACK	I
TSendEventEx		EventACK	I
TSetCallAttributes		EventCallInfoChanged	I
TSendUserEvent		EventACK	Y
TSendDTMF		EventDTMFSent*	Y
TPrivateService		EventPrivateInfo*	Y
TNetworkSingleStepTransfer		EventNetworkCallStatus	N
TNetworkPrivateService		EventNetworkPrivateInfo	N
ISCC Transaction Monitoring Requests			
TTransactionMonitoring		EventACK	Y
		EventTransactionStatus	E

Table notes:

- 1—Only the requestor receives a notification of the event associated with this request.

- 2—This feature request may be made across locations in a multi-site environment. However, if the location attribute of the request contains a value relating to any location other than the local site—except when the response to this request is EventError—there will be a second event response that contains the same reference ID as the first event. This second event will be either EventRemoteConnectionSuccess or EventRemoteConnectionFailed.

- 3—T-Server supports TSetMuteOn and TSetMuteOff only for established conferences, to allow for service observing.