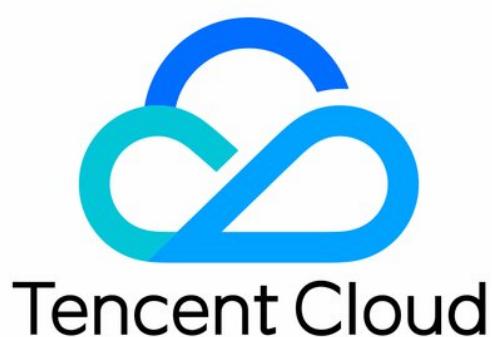


# Chat

## Client APIs

### Product Documentation



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# Client APIs

## Web

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### TencentCloudChat

`TencentCloudChat` is the namespace of the Chat Web SDK and provides the static method `create()` for creating SDK instances, the event constant `EVENT`, and the type constant `TYPES`, and the signaling constant `TSignal`.

### Initialization

API	Description
<code>create</code>	Creates an SDK instance.

### SDK Instance

Term	Description
<code>Message</code>	<code>Message</code> indicates the content to be sent and carries multiple attributes which specify whether you are the sender, the sender account, the message generation time, and so on.
<code>Conversation</code>	Two types of conversation are available: Client to Client (C2C): A one-to-one chat, involving only two participants. GROUP: A group chat, involving more than two participants.
<code>Profile</code>	<code>Profile</code> describes the basic information of a user, including the nickname, gender, personal signature, and profile photo URL.
<code>Friend</code>	<code>Friend</code> describes the basic information of a friend, including the remarks and friend list.
<code>FriendApplication</code>	<code>FriendApplication</code> describes the basic information of a friend request, including the friend source and remarks.
<code>FriendGroup</code>	<code>FriendGroup</code> describes the basic information of a friend group, including the friend group name and members.
<code>Group</code>	<code>Group</code> indicates a communication system for group chatting, including Work Group, Public Group, Meeting Group, Audio-Video Group, and Community Group.

GroupMember	<code>GroupMember</code> indicates the basic information of each group member, such as the ID, nickname, role, and the time of joining the group.
Group tip	A group tip is generated when an event such as adding or deleting group member occurs. The access side can configure whether to display group tips to group members.
Group system message	For example, when a user requests to join a group, the group admin receives a system message. After the admin accepts or rejects the request, the Chat SDK returns the result to the access side, which then displays the result to the user.
Message display on screen	The sent messages, including text segments and images, are displayed on the computer or phone screen.

## Event

API	Description
on	Enables event listening.
off	Disables event listening.

## Plugin registration

API	Description
registerPlugin	Registers a plugin.

## Setting log level

API	Description
setLogLevel	Sets the log level. Logs below this level will not be printed.

## SDK instance termination

API	Description
destroy	Terminates an SDK instance. The SDK will log out, disconnect the WebSocket persistent connection, and then release resources.

## Login

API	Description

login	Logs in to the Chat SDK using userID and userSig.
logout	Logs out to the Chat SDK.
isReady	Indicates the SDK enter the ready state or not.
getLoginUser	Get the userID of the logged-in user. If the user is not logged in, it returns an empty string ("").

## Message

API	Description
createTextMessage	Creates a text message.
createTextAtMessage	Creates a text message with the @ notification feature.
createImageMessage	Creates an image message.
createAudioMessage	Creates an audio message.
createVideoMessage	Creates a video message.
createCustomMessage	Creates a custom message.
createFaceMessage	Creates an emoji message.
createFileMessage	Creates a file message.
createLocationMessage	Creates a location message.
createMergerMessage	Creates a combined message.
downloadMergerMessage	Downloads a combined message.
createForwardMessage	Creates a forward message.
sendMessage	Sends a message.
revokeMessage	Recalls a message.
resendMessage	Sends a message again.
deleteMessage	Deletes a message.
translateText	Translates a message.

<code>setMessageExtensions</code>	Sets message extensions.
<code>getMessageExtensions</code>	Gets message extensions.
<code>deleteMessageExtensions</code>	Deletes message extensions.
<code>addMessageReaction</code>	Add message reactions. This interface allows for scenarios such as "emoji reactions" to be implemented.
<code>removeMessageReaction</code>	Remove message reactions.
<code>getMessageReactions</code>	Retrieve information of message reactions.
<code>getAllUserListOfMessageReaction</code>	Paginate and retrieve the user list for a specific message reaction.

## Conversation

API	Description
<code>modifyMessage</code>	Modifies a message.
<code>getMessageList</code>	Gets the message list.
<code>getMessageListHopping</code>	Pulls the conversation message list by specified sequence or time range.
<code>sendMessageReadReceipt</code>	Sends message read receipts.
<code>getMessageReadReceiptList</code>	Pulls the list of message read receipts.
<code>getGroupMessageReadMemberList</code>	Pulls the list of members who have (or have not) read a group message.
<code>findMessage</code>	Queries local messages in a specified conversation by <code>messageID</code> .
<code>setMessageRead</code>	Marks a message as read.
<code>getConversationList</code>	Gets the conversation list.
<code>getConversationProfile</code>	Gets the conversation information.
<code>deleteConversation</code>	Deletes a conversation.
<code>setConversationDraft</code>	Set conversation draft.
<code>clearHistoryMessage</code>	Clears the chat history with a user from local storage and the

	cloud (without deleting the conversation).
pinConversation	Pins/Unpins a conversation to/from top.
setAllMessageRead	Marks the unread messages of all conversations as read.
setMessageRemindType	Sets the conversation message notification type. You can use this API to mute notifications or reject messages.
getTotalUnreadMessageCount	Gets the total unread message count of conversations.

## Conversation group

API	Description
setConversationCustomData	Sets custom conversation data.
markConversation	Marks a conversation.
getConversationGroupList	Gets the list of conversation groups.
createConversationGroup	Creates a conversation group.
deleteConversationGroup	Deletes a conversation group.
renameConversationGroup	Renames a conversation group.
addConversationsToGroup	Adds a conversation to a conversation group.
deleteConversationsFromGroup	Deletes conversations from a conversation group.

## Profile

API	Description
getMyProfile	Gets personal profile.
getUserProfile	Gets other user's profile.
updateMyProfile	Updates your personal profile.
getBlacklist	Gets your blocklist.
addToBlacklist	Adds a user to the blocklist.
removeFromBlacklist	Removes a user from the blocklist.

## User status

API	Description
setSelfStatus	Sets one's own custom status.
getUserStatus	Queries a user's status.
subscribeUserStatus	Subscribes to a user's status.
unsubscribeUserStatus	Unsubscribes from a user's status.

## Relationship Chain

API	Description
getFriendList	Gets the contacts in the SDK cache.
addFriend	Adds friends.
deleteFriend	Deletes friends.
checkFriend	Verifies friend relationship.
getFriendProfile	Gets the friend data and profile data of a specified user.
updateFriend	Updates the contacts data of friends.
getFriendApplicationList	Gets the friend request list in the SDK cache.
acceptFriendApplication	Accepts a friend request.
refuseFriendApplication	Rejects a friend request.
deleteFriendApplication	Deletes a friend request.
setFriendApplicationRead	Set a friend request as reads.
getFriendGroupList	Gets list of friend groups in the SDK cache.
createFriendGroup	Creates a friend group.
deleteFriendGroup	Deletes a friend group.
addToFriendGroup	Adds friends to a friend group.
removeFromFriendGroup	Removes friends from a friend group.

renameFriendGroup

Modifies the name of a friend group.

## Group

API	Description
getGroupList	Gets the group list.
getGroupProfile	Gets the group profile.
createGroup	Creates a group.
dismissGroup	Disbands a group.
updateGroupProfile	Modifies the group profile.
joinGroup	Requests to join a group.
quitGroup	Quits a group.
searchGroupByID	Searches for a group.
getGroupOnlineMemberCount	Gets the number of online users in an audio-video group.
changeGroupOwner	Transfers the group ownership.
getGroupApplicationList	Gets the list of requests to join a group.
handleGroupApplication	Processes requests to join the group.
initGroupAttributes	Initializes group attributes.
setGroupAttributes	Sets group attributes.
deleteGroupAttributes	Deletes group attributes.
getGroupAttributes	Gets group attributes.
setGroupCounters	Sets group counters.
increaseGroupCounter	Increases the specified group counters.
decreaseGroupCounter	Decreases the specified group counters.
getGroupCounters	Gets the specified group counters.

## Group member

API	Description
getGroupMemberList	Gets the group member list.
getGroupMemberProfile	Gets a group member's profile.
addGroupMember	Adds a group member.
deleteGroupMember	Deletes a group member.
setGroupMemberMuteTime	Configures the muting period.
setGroupMemberRole	Modifies the group member's role.
setGroupMemberNameCard	Sets the name card for a group member.
setGroupMemberCustomField	Sets a custom field for a group member.
markGroupMemberList	Marks group members.

## Topic

API	Description
getJoinedCommunityList	Gets the list of community groups the current user has joined.
createTopicInCommunity	Creates a topic in a community group.
deleteTopicFromCommunity	Deletes a topic in a community group.
updateTopicProfile	Updates a topic profile in a community group.
getTopicList	Gets the topic list in a community group.

## Signaling

API	Description
addSignalingListener	Listens for a signaling event.
removeSignalingListener	Removes listener for a signaling event.
invite	Invites someone.
inviteInGroup	Invites members in a group.
cancel	The inviter cancels the invitation.

accept	The invitee accepts the invitation.
reject	The invitee rejects the invitation.
getSignalingInfo	Gets signaling info from a message.
modifyInvitation	Modifies a invitation.

# Android

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## Caution

**Do not use APIs of new and old versions at the same time.**

## Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
<a href="#">initSDK</a>	Initializes the SDK.
<a href="#">unInitSDK</a>	Uninitializes the SDK.
<a href="#">addIMSDKListener</a>	Adds the Chat listener.
<a href="#">removeIMSDKListener</a>	Removes the Chat listener.
<a href="#">getVersion</a>	Gets the version number.
<a href="#">getServerTime</a>	Gets the server time.
<a href="#">login</a>	Logs in.
<a href="#">logout</a>	Logs out.
<a href="#">getLoginStatus</a>	Gets the login status.
<a href="#">getLoginUser</a>	Gets the UserID of the currently logged-in user.

## Simple Message APIs

Use the following APIs for the sending and receiving of text and signaling (custom buffer) messages.

API	Description
<a href="#">addSimpleMsgListener</a>	Sets an event listener for simple messages (text messages and custom messages). Do not use it and <a href="#">addAdvancedMsgListener</a> at the same time.
<a href="#">removeSimpleMsgListener</a>	Removes the event listener for simple messages (text messages and custom messages).

<a href="#">sendC2CTextMessage</a>	Sends a one-to-one (C2C) text message.
<a href="#">sendC2CCustomMessage</a>	Sends a one-to-one (C2C) custom (signaling) message.
<a href="#">sendGroupTextMessage</a>	Sends a group text message.
<a href="#">sendGroupCustomMessage</a>	Sends a group custom (signaling) message.

## Signaling APIs

API	Description
<a href="#">addSignalingListener</a>	Adds a signaling listener.
<a href="#">removeSignalingListener</a>	Removes a signaling listener.
<a href="#">invite</a>	Invites a user.
<a href="#">inviteInGroup</a>	Invites certain users in the group.
<a href="#">cancel</a>	Cancels an invitation.
<a href="#">accept</a>	Accepts an invitation.
<a href="#">reject</a>	Rejects an invitation.
<a href="#">getSignalingInfo</a>	Gets the signaling information.
<a href="#">addInvitedSignaling</a>	Adds invitation signaling (can be used for invitation signaling triggered by offline push messages for group invitations).
<a href="#">modifyInvitation</a>	Modifies the invitation signaling.

## Advanced Message APIs

If you need to send/receive rich media messages (such as image, video, and file messages) and use advanced features such as recalling messages, marking messages as read, and querying message history, use the following set of advanced message APIs. Do not use simple message APIs and advanced message APIs at the same time.

API	Description
<a href="#">addAdvancedMsgListener</a>	Sets an event listener for advanced messages. Do not use it and <a href="#">addSimpleMsgListener</a> at the same time.

removeAdvancedMsgListener	Removes the event listener for advanced messages.
createTextMessage	Creates a text message.
createCustomMessage	Creates a custom message.
createImageMessage	Creates an image message.
createSoundMessage	Creates an audio message.
createVideoMessage	Creates a video message.
createFileMessage	Creates a file message.
createLocationMessage	Creates a location message.
createFaceMessage	Creates an emoji message.
createMergerMessage	Creates a combined forward message.
createForwardMessage	Creates a single forward message.
createTargetedGroupMessage	Creates a targeted group message.
createAtSignedGroupMessage	Creates a group @ message.
sendMessage	Sends a message. The message object can be created using a <code>createXXXMessage</code> API.
setC2CReceiveMessageOpt	Sets the Mute Notifications option for one-to-one messages.
getC2CReceiveMessageOpt	Gets the Mute Notifications status for one-to-one messages.
setGroupReceiveMessageOpt	Sets the Mute Notifications option for group messages.
setAllReceiveMessageOpt	Sets the Mute Notifications status for global messages (daily repetition allowed).
setAllReceiveMessageOpt	Sets the Mute Notifications status for global messages.
getAllReceiveMessageOpt	Gets the Mute Notifications status for global messages.
getC2CHistoryMessageList	Gets one-to-one (C2C) message history.
getGroupHistoryMessageList	Gets the group message history.
getHistoryMessageList	Gets message history.
revokeMessage	Recalls a message. The message object can be created using a <code>createXXXMessage</code> API.

<a href="#">modifyMessage</a>	Modifies a message.
<a href="#">markC2CMessageAsRead</a>	Marks one-to-one (C2C) messages as read (a interface to be abandoned. Use the cleanConversationUnreadMessageCount interface).
<a href="#">markGroupMessageAsRead</a>	Marks group messages as read (a interface to be abandoned. Use the cleanConversationUnreadMessageCount interface).
<a href="#">markAllMessageAsRead</a>	Marks all conversations as read (a interface to be abandoned. Use the cleanConversationUnreadMessageCount interface).
<a href="#">deleteMessageFromLocalStorage</a>	Deletes a message from the local storage.
<a href="#">deleteMessages</a>	Deletes messages from local storage and the cloud.
<a href="#">clearC2CHistoryMessage</a>	Clears chat history with a user from local storage and the cloud.
<a href="#">clearGroupHistoryMessage</a>	Clears chat history of a group from local storage and the cloud.
<a href="#">insertGroupMessageToLocalStorage</a>	Inserts a message in a group chat.
<a href="#">insertC2CMessageToLocalStorage</a>	Inserts a message in a one-to-one chat.
<a href="#">findMessages</a>	Finds local messages by <code>msgID</code> .
<a href="#">searchLocalMessages</a>	Searches for local messages.
<a href="#">searchCloudMessages</a>	Searchs for cloud messages.
<a href="#">sendMessageReadReceipts</a>	Sends message read receipts.
<a href="#">getMessageReadReceipts</a>	Gets message read receipts.
<a href="#">getGroupMessageReadMemberList</a>	Gets the list of group members who have read group messages.
<a href="#">setMessageExtensions</a>	Sets message extensions.
<a href="#">getMessageExtensions</a>	Gets message extensions.
<a href="#">deleteMessageExtensions</a>	Deletes message extensions.
<a href="#">addMessageReaction</a>	Adds message reaction.
<a href="#">removeMessageReaction</a>	Removes message reaction.
<a href="#">getMessageReactions</a>	Gets message reactions.
<a href="#">getAllUserListOfMessageReaction</a>	Gets all user list of message reaction.

pinGroupMessage	Sets group message pinning.
getPinnedGroupMessageList	Gets pinned group message list.

## Group APIs

Tencent Cloud Chat SDK supports five preset group types, each of which pertains to different scenarios.

Work group (Work): users can join the group only after being invited by group members. This group type is the same as private group (Private) in earlier versions.

Public group (Public): Users can join a public group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join. Same as chat room (ChatRoom) in earlier versions.

Community: A user can join and leave a community freely. It is suitable for chat scenarios with a super large number of community members, such as knowledge sharing and game discussion. This feature is supported by a client with the SDK enhanced edition v5.8.1668 or later and the web SDK v2.17.0 or later. To use it, you need to purchase the [Premium edition](#), and then enable it via [console > Feature Configuration > Group configuration > Group feature configuration > Community](#).

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
<a href="#">addGroupListener</a>	Adds a group listener.
<a href="#">removeGroupListener</a>	Removes a group listener.
<a href="#">createGroup</a>	Creates a (simple) group
<a href="#">createGroup</a>	Creates an (advanced) group. The group information and the initial group members can be set during group creation.
<a href="#">joinGroup</a>	Joins a group.
<a href="#">quitGroup</a>	Leaves a group.
<a href="#">dismissGroup</a>	Disbands a group. Only the group owner and group admin can delete a group.
<a href="#">getJoinedGroupList</a>	Gets the list of groups the current user has joined, excluding audio-video groups.

getGroupsInfo	Pulls the profiles of groups.
searchGroups	Searches for groups.
setGroupInfo	Modifies a group profile.
initGroupAttributes	Initializes group attributes.
setGroupAttributes	Sets group attributes.
deleteGroupAttributes	Deletes group attributes.
getGroupAttributes	Gets group attributes.
getGroupOnlineMemberCount	Gets the number of online group members.
setGroupCounters	Sets group counters.
getGroupCounters	Gets group counters.
increaseGroupCounter	Increment group counters.
decreaseGroupCounter	Decrement group counters.
getGroupMemberList	Gets the group member list.
getGroupMembersInfo	Gets the profiles of specified group members.
searchGroupMembers	Searches for group members.
setGroupMemberInfo	Modifies the profile of a specified group member.
muteGroupMember	Mutes group members.
muteAllGroupMembers	Mute all group members. Only administrators or group owners can call this function.
kickGroupMember	Removes a member from a group.
setGroupMemberRole	Sets the role of a group member.
markGroupMemberList	Marks group members.
transferGroupOwner	Transfers the group ownership.
inviteUserToGroup	Invites users to a group.
getGroupApplicationList	Gets the list of requests to join a group.

acceptGroupApplication	Approves a request to join a group.
refuseGroupApplication	Rejects a request to join a group.
setGroupApplicationRead	Marks the request list as read.
getJoinedCommunityList	Gets the list of community groups the current user has joined.
createTopicInCommunity	Creates a topic.
deleteTopicFromCommunity	Deletes a topic.
setTopicInfo	Modifies topic information.
getTopicInfoList	Gets the list of topics.

## Community Topic-Related APIs

If you need to create topics under a community, please use this set of interfaces. Communities are used to manage group members, and all topics under a community can not only share community members but also send and receive messages independently without interfering with each other.

API	Description
addCommunityListener	Adds a community listener.
removeCommunityListener	Removes a community listener.
createCommunity	Creates a community with topic support.
getJoinedCommunityList	Gets the list of communities with topic support that the current user has joined.
createTopicInCommunity	Creates a topic.
deleteTopicFromCommunity	Deletes a topic.
setTopicInfo	Modifies topic information.
getTopicInfoList	Gets a topic list.
createPermissionGroupInCommunity	Creates a community permission group.
deletePermissionGroupFromCommunity	Deletes a community permission group.
modifyPermissionGroupInfoInCommunity	Modifies a community permission group.

<a href="#">getJoinedPermissionGroupListInCommunity</a>	Gets the list of community permission groups the current user has joined.
<a href="#">getPermissionGroupListInCommunity</a>	Gets the list of community permission groups.
<a href="#">addCommunityMembersToPermissionGroup</a>	Adds members to a community permission group.
<a href="#">removeCommunityMembersFromPermissionGroup</a>	Removes members from a community permission group.
<a href="#">getCommunityMemberListInPermissionGroup</a>	Gets the member list of a community permission group.
<a href="#">addTopicPermissionToPermissionGroup</a>	Adds topic permissions to a permission group.
<a href="#">deleteTopicPermissionFromPermissionGroup</a>	Removes topic permissions from a permission group.
<a href="#">modifyTopicPermissionInPermissionGroup</a>	Modifies topic permissions in a permission group.
<a href="#">getTopicPermissionInPermissionGroup</a>	Gets topic permissions in a permission group.

## Conversation List APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
<a href="#">addConversationListener</a>	Adds a conversation listener.
<a href="#">removeConversationListener</a>	Removes a conversation listener.
<a href="#">getConversationList</a>	Gets the conversation list.
<a href="#">getConversationListByFilter</a>	Gets the advanced conversation API to specify the conversation type, mark type, and group name.
<a href="#">getConversation</a>	Gets a conversation.
<a href="#">getConversationList</a>	Gets multiple conversations.
<a href="#">deleteConversation</a>	Deletes a conversation.
<a href="#">deleteConversationList</a>	Deletes a conversation list.
<a href="#">setConversationDraft</a>	Sets a draft for a conversation.
<a href="#">setConversationCustomData</a>	Sets custom conversation data.

<a href="#">pinConversation</a>	Pins a conversation to the top.
<a href="#">markConversation</a>	Marks a conversation.
<a href="#">getTotalUnreadMessageCount</a>	Gets the total unread message count.
<a href="#">getUnreadMessageCountByFilter</a>	Gets the total number of unread messages filtered by conversation.
<a href="#">subscribeUnreadMessageCountByFilter</a>	Registers a listener for changes in the total number of unread messages in a specific conversation.
<a href="#">unsubscribeUnreadMessageCountByFilter</a>	Unregisters a listener for changes in the total number of unread messages in a specific conversation.
<a href="#">cleanConversationUnreadMessageCount</a>	Clears the unread message count for a conversation.
<a href="#">createConversationGroup</a>	Creates a conversation group.
<a href="#">getConversationGroupList</a>	Gets the list of conversation groups.
<a href="#">deleteConversationGroup</a>	Deletes a conversation group.
<a href="#">renameConversationGroup</a>	Renames a conversation group.
<a href="#">addConversationsToGroup</a>	Adds a conversation to a conversation group.
<a href="#">deleteConversationsFromGroup</a>	Deletes a conversation from a conversation group.

## User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (that is, adding a specified user to the blocklist).

API	Description
<a href="#">getUsersInfo</a>	Gets user profiles.
<a href="#">setSelfInfo</a>	Modifies one's own user profile.
<a href="#">subscribeUserInfo</a>	Subscribe to user profile.
<a href="#">unsubscribeUserInfo</a>	Unsubscribe from user profile.
<a href="#">getUserStatus</a>	Queries a user's status.
<a href="#">setSelfStatus</a>	Sets one's own status.

<a href="#">subscribeUserStatus</a>	Subscribes to a user's status.
<a href="#">unsubscribeUserStatus</a>	Unsubscribes from a user's status.
<a href="#">addToBlackList</a>	Blocks messages from a user, which means adding the user to the blocklist.
<a href="#">deleteFromBlackList</a>	Unblocks messages from a user, which means removing the user from the blocklist.
<a href="#">getBlackList</a>	Gets the blocklist.

## Offline Push APIs

We recommend you use the offline push service if you want your app to receive Chat service messages in real time when it runs in the background. As there is no unified push service in the Chinese mainland, you need to [configure Android offline push](#) for devices of different vendors separately.

API	Description
<a href="#">setOfflinePushConfig</a>	Configures offline push.
<a href="#">doBackground</a>	The APP can call this interface when it detects that the application has entered the background, which can be used to initialize the unread count for the desktop application badge.
<a href="#">doForeground</a>	The APP can call this interface when it detects that the application has entered the foreground.

## Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages. You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to delete/add friends and manage your friends.

API	Description
<a href="#">addFriendListener</a>	Adds a contacts listener.
<a href="#">removeFriendListener</a>	Removes a contacts listener.
<a href="#">getFriendList</a>	Gets the contacts.

getFriendsInfo	Gets the profiles of specified friends.
setFriendInfo	Sets the profile of a specified friend.
searchFriends	Searches for friends.
addFriend	Adds a friend.
deleteFromFriendList	Deletes a friend.
checkFriend	Checks relationship with specified users.
getFriendApplicationList	Gets the list of friend requests.
acceptFriendApplication	Accepts a friend request.
refuseFriendApplication	Rejects a friend request.
deleteFriendApplication	Deletes a friend request.
setFriendApplicationRead	Marks a friend request as read.
createFriendGroup	Creates a friend list.
getFriendGroups	Gets the information of friend lists.
deleteFriendGroup	Deletes friend lists.
renameFriendGroup	Modifies the name of a friend list.
addFriendsToFriendGroup	Adds friends to a friend list.
deleteFriendsFromFriendGroup	Removes friends from a friend list.
subscribeOfficialAccount	Subscribes to official accounts.
unsubscribeOfficialAccount	Unsubscribes from official accounts.
getOfficialAccountsInfo	Gets the list of official accounts.
followUser	Follows users.
unfollowUser	Unfollows users.
getMyFollowingList	Gets my follow list.
getMyFollowersList	Gets my fan list.
getMutualFollowersList	Gets my mutual follow list.

<a href="#">getUserFollowInfo</a>	Gets the follow/fan/mutual follow count information for a specified user.
<a href="#">checkFollowType</a>	Checks the follow type of a specified user.

# iOS & macOS

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## Caution

**Do not use APIs of new and old versions at the same time.**

## Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
<a href="#">initSDK</a>	Initializes the SDK.
<a href="#">unInitSDK</a>	Uninitializes the SDK
<a href="#">addIMSDKListener</a>	Adds the Chat listener.
<a href="#">removeIMSDKListener</a>	Removes the Chat listener.
<a href="#">getVersion</a>	Gets the version number.
<a href="#">getServerTime</a>	Gets the server time.
<a href="#">login</a>	Logs in.
<a href="#">logout</a>	Logs a user out
<a href="#">getLoginUser</a>	Gets the currently logged-in user.
<a href="#">getLoginStatus</a>	Gets the login status

## Simple Message APIs

Use the following APIs for the sending and receiving of text and signaling (custom buffer) messages.

API	Description
<a href="#">addSimpleMsgListener</a>	Sets an event listener for simple messages (text messages and custom messages).Do not use this API and <a href="#">addAdvancedMsgListener</a> at the same time.
<a href="#">removeSimpleMsgListener</a>	Removes the event listener for simple messages (text messages and custom messages)

<a href="#">sendC2CTextMessage</a>	Sends a one-to-one chat (C2C) text message
<a href="#">sendC2CCustomMessage</a>	Sends a one-to-one chat (C2C) custom (signaling) message
<a href="#">sendGroupTextMessage</a>	Sends a group chat text message
<a href="#">sendGroupCustomMessage</a>	Sends a group chat custom (signaling) message

## Signaling APIs

API	Description
<a href="#">addSignalingListener</a>	Adds a signaling listener.
<a href="#">removeSignalingListener</a>	Removes a signaling listener.
<a href="#">invite</a>	Invites a user.
<a href="#">inviteInGroup</a>	Invites certain users in a group.
<a href="#">cancel</a>	Cancels an invitation.
<a href="#">accept</a>	Accepts an invitation.
<a href="#">reject</a>	Rejects an invitation.
<a href="#">getSignalingInfo</a>	Gets the signaling information.
<a href="#">addInvitedSignaling</a>	Adds invitation signaling (can be used for invitation signaling triggered by offline push messages for group invitations).
<a href="#">modifyInvitation</a>	Modifies the invitation signaling.

## Advanced Message APIs

If you need to send/receive rich media messages (such as image, video, and file messages) and use advanced features such as recalling messages, marking messages as read, and querying message history, use the following set of advanced message APIs. Do not use simple message APIs and advanced message APIs at the same time.

API	Description
<a href="#">addAdvancedMsgListener</a>	Sets an event listener for advanced messages. Do not use this API and <a href="#">addSimpleMsgListener</a> at the same time.

removeAdvancedMsgListener	Removes the listener for advanced messages
createTextMessage	Creates a text message
createTextAtMessage	Creates an @ text message.
createCustomMessage	Creates a custom message
createImageMessage	Creates an image message
createSoundMessage	Creates a voice message.
createVideoMessage	Creates a video message
createFileMessage	Creates a file message.
createLocationMessage	Creates a location message
createFaceMessage	Creates an emoji message
createMergerMessage	Creates a combined forward message.
createForwardMessage	Creates a single forward message.
createTargetedGroupMessage	Creates a targeted group message.
createAtSignedGroupMessage	Creates a group @ message.
sendMessage	Sends a message. The message object can be created using a <code>createXXXMessage</code> API.
setC2CReceiveMessageOpt	Sets the Mute Notifications option for one-to-one messages.
getC2CReceiveMessageOpt	Gets the Mute Notifications status for one-to-one messages.
setGroupReceiveMessageOpt	Sets the Mute Notifications option for group messages.
getC2CHistoryMessageList	Gets the one-to-one chat (C2C) message history
getGroupHistoryMessageList	Gets the group chat message history
getHistoryMessageList	Gets the message history.
revokeMessage	Recalls a message. The message object can be created using a <code>createXXXMessage</code> API.
modifyMessage	Modifies a message.
markC2CMessageAsRead	Marks one-to-one chat (C2C) messages as read

markGroupMessageAsRead	Marks group messages as read
markAllMessageAsRead	Marks all conversations as read.
deleteMessageFromLocalStorage	Deletes a message from the local storage
deleteMessages	Deletes messages from local storage and the cloud.
clearC2CHistoryMessage	Clears chat history with a user from local storage and the cloud.
clearGroupHistoryMessage	Clears chat history of a group from local storage and the cloud.
insertGroupMessageToLocalStorage	Inserts a message in a group chat.
insertC2CMessageToLocalStorage	Inserts a message in a one-to-one chat.
findMessages	Finds local messages by <code>msgID</code> .
searchLocalMessages	Searches for local messages.
sendMessageReadReceipts	Sends message read receipts.
getMessageReadReceipts	Gets message read receipts.
getGroupMessageReadMemberList	Gets the list of group members who have read group messages.
setMessageExtensions	Sets message extensions.
getMessageExtensions	Gets message extensions.
deleteMessageExtensions	Deletes message extensions.
addMessageReaction	Adds message reaction.
removeMessageReaction	Removes message reaction.
getMessageReactions	Gets message reactions.
getAllUserListOfMessageReaction	Gets all user list of message reaction.
translateText	Translates a text message.
pinGroupMessage	Sets group message pinning.
getPinnedGroupMessageList	Gets pinned group message list.

## Group APIs

Tencent Cloud Chat SDK supports five preset group types, each of which pertains to different scenarios.

Work group (Work): Users can join the group only after being invited by group members. This group type is the same as private groups (Private) in earlier versions.

Public group (Public): Users can join the group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join. Same as chat room (ChatRoom) in earlier versions.

Community: A user can join and leave a community freely. It is suitable for chat scenarios with a super large number of community members, such as knowledge sharing and game discussion. This feature is supported by a client with the SDK enhanced edition v5.8.1668 or later and the web SDK v2.17.0 or later. To use it, you need to purchase the [Premium edition](#), and then enable it via [console > Feature Configuration > Group configuration > Group feature configuration > Community](#).

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
<a href="#">setGroupListener</a>	Sets an event listener for groups. (This API is to be disused. Please use the <code>addGroupListener</code> and <code>removeGroupListener</code> APIs.)
<a href="#">addGroupListener</a>	Adds an event listener for groups.
<a href="#">removeGroupListener</a>	Removes an event listener for groups.
<a href="#">createGroup</a>	(Simple API) Creates a group.
<a href="#">createGroup</a>	(Advanced API) Creates a group. The group information and the initial group members can be set during group creation.
<a href="#">joinGroup</a>	Joins a group
<a href="#">quitGroup</a>	Leaves a group.
<a href="#">dismissGroup</a>	Disbands a group. Only the group owner and group admin can disband a group.
<a href="#">getJoinedGroupList</a>	Gets the list of groups the current user has joined, excluding audio-video groups.
<a href="#">getGroupsInfo</a>	Pulls the profiles of groups
<a href="#">searchGroups</a>	Searches for groups.

setGroupInfo	Modifies the profile of a group
initGroupAttributes	Initializes group attributes.
setGroupAttributes	Sets group attributes.
deleteGroupAttributes	Deletes group attributes.
getGroupAttributes	Gets group attributes.
getGroupOnlineMemberCount	Gets the number of online group members.
getGroupMemberList	Gets the group member list
getGroupMembersInfo	Gets the profiles of specified group members
searchGroupMembers	Searches for group members by profile.
setGroupMemberInfo	Modifies the profile of a specified group member
muteGroupMember	Mutes a group member.
inviteUserToGroup	Invites users to a group
kickGroupMember	Removes a member from a group.
setGroupMemberRole	Sets a role for a group member.
markGroupMemberList	Marks group members.
transferGroupOwner	Transfers the ownership of a group
getGroupApplicationList	Gets the list of applications to join a group
acceptGroupApplication	Accepts an application to join a group
refuseGroupApplication	Rejects a request to join a group.
setGroupApplicationRead	Marks the application list as read
getJoinedCommunityList	Gets the list of community groups the current user has joined.
createTopicInCommunity	Creates a topic.
deleteTopicFromCommunity	Deletes a topic.
setTopicInfo	Modifies topic information.
getTopicInfoList	Gets the message list.

# Conversation List APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
<a href="#">setConversationListener</a>	Sets a conversation listener. (This API is to be disused. Please use the <code>addConversationListener</code> and <code>removeConversationListener</code> APIs.)
<a href="#">addConversationListener</a>	Adds a conversation listener.
<a href="#">removeConversationListener</a>	Removes a conversation listener.
<a href="#">getConversationList</a>	Gets the conversation list
<a href="#">getConversation</a>	Gets a specified conversation.
<a href="#">getConversationList</a>	Gets multiple conversations.
<a href="#">getConversationListByFilter</a>	Gets the advanced conversation API to specify the conversation type, mark type, and group name.
<a href="#">deleteConversation</a>	Deletes a conversation
<a href="#">setConversationDraft</a>	Sets a draft for a conversation
<a href="#">setConversationCustomData</a>	Sets custom conversation data.
<a href="#">pinConversation</a>	Pins a conversation to the top.
<a href="#">markConversation</a>	Marks a conversation.
<a href="#">getTotalUnreadMessageCount</a>	Gets the total unread message count.
<a href="#">createConversationGroup</a>	Creates a conversation group.
<a href="#">getConversationGroupList</a>	Gets the list of conversation groups.
<a href="#">deleteConversationGroup</a>	Deletes a conversation group.
<a href="#">renameConversationGroup</a>	Renames a conversation group.
<a href="#">addConversationsToGroup</a>	Adds a conversation to a conversation group.
<a href="#">deleteConversationsFromGroup</a>	Deletes a conversation from a conversation group.

## User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (that is, adding a specified user to the blocklist).

API	Description
<a href="#">getUsersInfo</a>	Gets users' profiles
<a href="#">setSelfInfo</a>	Modifies one's own user profile
<a href="#">getUserStatus</a>	Queries a user's status.
<a href="#">setSelfStatus</a>	Sets one's own status.
<a href="#">subscribeUserStatus</a>	Subscribes to a user's status.
<a href="#">unsubscribeUserStatus</a>	Unsubscribes from a user's status.
<a href="#">addToBlackList</a>	Blocks messages from a specified user, which means adding the user to the blocklist.
<a href="#">deleteFromBlackList</a>	Unblocks messages from a specified user, which means removing the user from the blocklist.
<a href="#">getBlackList</a>	Gets the blocklist

## Offline Push APIs

Use the offline push service if you want your app to receive Chat service messages in real time when it is in the background.

API	Description
<a href="#">setAPNSListener</a>	Sets an APNs listener.
<a href="#">setAPNS</a>	Configures APNs Push info.
<a href="#">setVOIP</a>	Configures VoIP Push info.

## Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages. You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to delete/add friends and manage your friends.

API	Description
<a href="#">setFriendListener</a>	Sets a contacts and friend profile listener. (This API is to be disused. Please use the <code>addFriendListener</code> and <code>removeFriendListener</code> APIs.)
<a href="#">addFriendListener</a>	Adds a contacts listener.
<a href="#">removeFriendListener</a>	Removes a contacts listener.
<a href="#">getFriendList</a>	Gets the contacts.
<a href="#">getFriendsInfo</a>	Gets the profiles of specified friends
<a href="#">setFriendInfo</a>	Sets the profile of a specified friend
<a href="#">searchFriends</a>	Searches for friends.
<a href="#">addFriend</a>	Adds a friend
<a href="#">deleteFromFriendList</a>	Deletes a friend
<a href="#">checkFriend</a>	Checks relationship with specified users.
<a href="#">getFriendApplicationList</a>	Gets the list of friend requests
<a href="#">acceptFriendApplication</a>	Accepts a friend request
<a href="#">refuseFriendApplication</a>	Rejects a friend request
<a href="#">deleteFriendApplication</a>	Deletes a friend request
<a href="#">setFriendApplicationRead</a>	Marks a friend request as read.
<a href="#">createFriendGroup</a>	Creates a friend list
<a href="#">getFriendGroups</a>	Gets the information of friend lists
<a href="#">deleteFriendGroup</a>	Deletes friend lists
<a href="#">renameFriendGroup</a>	Modifies the name of a friend list
<a href="#">addFriendsToFriendGroup</a>	Adds friends to a friend list

[deleteFriendsFromFriendGroup](#)

Removes friends from a friend list.

# Swift

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## Caution

**Do not use APIs of new and old versions at the same time.**

## Initialization and Login APIs

To use Tencent Cloud IM services, you need to initialize the SDK and log in.

API	Description
<a href="#">initSDK</a>	Initializes the SDK.
<a href="#">unInitSDK</a>	Uninitializes the SDK.
<a href="#">addIMSDKListener</a>	Add IM listener
<a href="#">removeIMSDKListener</a>	Remove IM listener
<a href="#">getVersion</a>	Gets the version number.
<a href="#">getServerTime</a>	Gets the server time.
<a href="#">login</a>	Logs in.
<a href="#">logout</a>	Logs out.
<a href="#">getLoginUser</a>	Gets the currently logged-in user.
<a href="#">getLoginStatus</a>	Gets the login status.
<a href="#">getUserStatus</a>	Gets user status information.
<a href="#">setSelfStatus</a>	Sets user status for yourself.
<a href="#">subscribeUserStatus</a>	Subscribes user status.
<a href="#">unsubscribeUserStatus</a>	Unsubscribes user status.

## Simple Message APIs

Use the following APIs for the sending and receiving of text and signaling (custom buffer) messages.

API	Description
<a href="#">addSimpleMsgListener</a>	Sets an event listener for simple messages (text messages and custom messages).Do not use it and <a href="#">addAdvancedMsgListener</a> at the same time.
<a href="#">removeSimpleMsgListener</a>	Removes the event listener for simple messages (text messages and custom messages).
<a href="#">sendC2CTextMessage</a>	Sends a one-to-one (C2C) text message.
<a href="#">sendC2CCustomMessage</a>	Sends a one-to-one (C2C) custom (signaling) message.
<a href="#">sendGroupTextMessage</a>	Sends a group text message.
<a href="#">sendGroupCustomMessage</a>	Sends a group custom (signaling) message.

## Signaling APIs

API	Description
<a href="#">addSignalingListener</a>	Adds a signaling listener.
<a href="#">removeSignalingListener</a>	Removes a signaling listener.
<a href="#">invite</a>	Invites a user.
<a href="#">inviteInGroup</a>	Invites certain users in the group.
<a href="#">cancel</a>	Cancels an invitation.
<a href="#">accept</a>	Accepts an invitation.
<a href="#">reject</a>	Rejects an invitation.
<a href="#">getSignalingInfo</a>	Gets the signaling information.
<a href="#">addInvitedSignaling</a>	Adds invitation signaling (can be used for invitation signaling triggered by offline push messages for group invitations).
<a href="#">modifyInvitation</a>	modify invitation.

## Advanced Message APIs

If you need to send/receive rich media messages (images, videos, files, etc.) and use advanced features such as recalling messages, marking messages as read, and querying message history, use the following advanced message APIs. Do not use simple messages APIs and advanced message APIs at the same time.

API	Description
<a href="#">addAdvancedMsgListener</a>	Sets an event listener for advanced messages. Do not use it and <a href="#">addSimpleMsgListener</a> at the same time.
<a href="#">removeAdvancedMsgListener</a>	Removes the listener for advanced messages.
<a href="#">createTextMessage</a>	Creates a text message.
<a href="#">createTextAtMessage</a>	Creates an @ text message.
<a href="#">createCustomMessage</a>	Creates a custom message.
<a href="#">createImageMessage</a>	Creates an image message.
<a href="#">createSoundMessage</a>	Creates a voice message.
<a href="#">createVideoMessage</a>	Creates a video message.
<a href="#">createFileMessage</a>	Creates a file message.
<a href="#">createLocationMessage</a>	Creates a location message.
<a href="#">createFaceMessage</a>	Creates an emoji message.
<a href="#">createMergerMessage</a>	Creates a combined forward message.
<a href="#">createForwardMessage</a>	Creates a single forward message.
<a href="#">createTargetedGroupMessage</a>	Creates a targeted group message
<a href="#">sendMessage</a>	Sends a message. The message object can be created using a <a href="#">createXXXMessage API</a> .
<a href="#">setC2CReceiveMessageOpt</a>	Sets the Mute Notifications option for one-to-one messages.
<a href="#">getC2CReceiveMessageOpt</a>	Gets the Mute Notifications status for one-to-one messages.
<a href="#">setGroupReceiveMessageOpt</a>	Sets the Mute Notifications option for group messages.
<a href="#">getC2CHistoryMessageList</a>	Gets one-to-one (C2C) message history.
<a href="#">getGroupHistoryMessageList</a>	Gets group chat message history.
<a href="#">getHistoryMessageList</a>	Gets message history.

revokeMessage	Recalls a message. The message object can be created using a createXXXMessage API.
modifyMessage	Modifies a message. The message object can be created using a createXXXMessage API.
markC2CMessageAsRead	Marks one-to-one (C2C) messages as read.
markGroupMessageAsRead	Marks group messages as read.
markAllMessageAsRead	Marks all messages as read.
deleteMessageFromLocalStorage	Deletes a message from local storage.
deleteMessages	Deletes messages from local storage and the cloud.
clearC2CHistoryMessage	Clears chat history with a user from local storage and the cloud.
clearGroupHistoryMessage	Clears chat history of a group from local storage and the cloud.
insertGroupMessageToLocalStorage	Inserts a message in a group chat.
insertC2CMessageToLocalStorage	Inserts a message in a one-to-one chat.
findMessages	Finds local messages by msgID.
searchLocalMessages	Searches for local messages.
sendMessageReadReceipts	Sends read receipts to the message sender for message which have been received.
getMessageReadReceipts	Gets read receipts for messages which have been sent by myself.
getGroupMessageReadMemberList	Gets group members profile who have read ths message.
setMessageExtensions	Sets message extensions
getMessageExtensions	Gets message extensions
deleteMessageExtensions	Deletes message extensions
addMessageReaction	Adds message reaction.
removeMessageReaction	Removes message reaction.
getMessageReactions	Gets message reactions.
getAllUserListOfMessageReaction	Gets all user list of message reaction.
pinGroupMessage	Sets group message pinning.

[getPinnedGroupMessageList](#)

Gets pinned group message list.

## Group APIs

Tencent Cloud IM SDK supports four preset group types, each of which pertains to different scenarios.

Work group (Work): similar to a WeChat group. Users can join the group only after being invited by existing members.

Public group (Public): similar to a QQ group. Users can join the group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join.

Audio-video group (AVChatRoom): suitable for scenarios such as live streaming and chat rooms with on-screen comments. Users can join and leave the group freely. There is no limit on the number of group members.

API	Description
<a href="#">addGroupListener</a>	Adds an event listener for groups.
<a href="#">removeGroupListener</a>	Removes event listener for groups.
<a href="#">createGroup</a>	Creates a (simple) group.
<a href="#">createGroup</a>	Creates an (advanced) group. The group information and the initial group members can be set during group creation.
<a href="#">joinGroup</a>	Joins a group.
<a href="#">quitGroup</a>	Quits a group.
<a href="#">dismissGroup</a>	Deletes a group. Only the group owner and group admin can delete a group.
<a href="#">getJoinedGroupList</a>	Gets the list of groups the current user has joined, excluding audio-video groups.
<a href="#">getGroupsInfo</a>	Pulls profiles of groups.
<a href="#">searchGroups</a>	Searches for groups.
<a href="#">setGroupInfo</a>	Modifies the profile of a group.
<a href="#">initGroupAttributes</a>	Initializes group attributes.
<a href="#">setGroupAttributes</a>	Sets group attributes.
<a href="#">deleteGroupAttributes</a>	Deletes group attributes.

getGroupAttributes	Gets group attributes.
getGroupOnlineMemberCount	Gets the number of online group members.
getGroupMemberList	Gets group member list.
getGroupMembersInfo	Gets the profiles of specified group members.
searchGroupMembers	Searches for group members.
setGroupMemberInfo	Modifies the profile of a specified group member.
muteGroupMember	Mutes a group member.
inviteUserToGroup	Invites users to a group.
kickGroupMember	Removes a member from a group.
setGroupMemberRole	Sets the role for a group member.
markGroupMemberList	Mark group member list .
transferGroupOwner	Changes the group owner.
getGroupApplicationList	Gets the list of requests to join a group.
acceptGroupApplication	Accepts a request to join a group.
refuseGroupApplication	Rejects a request to join a group.
setGroupApplicationRead	Marks the request list as read.
getJoinedCommunityList	Gets the list of Community-groups that the current user has joined
createTopicInCommunity	Creates topic
deleteTopicFromCommunity	Deletes topic
setTopicInfo	Modifies topic information
getTopicInfoList	Gets topic list

## Conversation List APIs

The conversation list is the list a user sees on the first screen after logging in to WeChat or QQ. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
<a href="#">addConversationListener</a>	Adds a conversation listener.
<a href="#">removeConversationListener</a>	Removes conversation listener.
<a href="#">getConversationList</a>	Gets the conversation list.
<a href="#">getConversation</a>	Gets a conversation.
<a href="#">getConversationList</a>	Gets multiple conversations.
<a href="#">getConversationListByFilter</a>	Gets multiple conversations (advanced API).
<a href="#">deleteConversation</a>	Deletes a conversation.
<a href="#">setConversationDraft</a>	Sets draft for a conversation.
<a href="#">setConversationCustomData</a>	Sets custom data for a conversation.
<a href="#">pinConversation</a>	Pins a conversation to the top.
<a href="#">markConversation</a>	Marks a conversation to the top.
<a href="#">getTotalUnreadMessageCount</a>	Gets the total unread message count.
<a href="#">createConversationGroup</a>	Create conversation group.
<a href="#">getConversationGroupList</a>	Get conversation group list.
<a href="#">deleteConversationGroup</a>	Delete conversation group.
<a href="#">renameConversationGroup</a>	Rename conversation group.
<a href="#">addConversationsToGroup</a>	Add conversations to group.
<a href="#">deleteConversationsFromGroup</a>	Delete conversations from group.

## User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (i.e., adding a specified user to the blocklist).

API	Description
<a href="#">getUsersInfo</a>	Gets users' profiles.

<a href="#">setSelfInfo</a>	Modifies one's own user profile.
<a href="#">addToBlackList</a>	Blocks messages from a specified user, which means adding the user to the blocklist.
<a href="#">deleteFromBlackList</a>	Unblocks messages from a specified user, which means removing the user from the blocklist.
<a href="#">getBlackList</a>	Gets the blocklist.

## Offline Push APIs

Use the offline push service if you want your app to receive IM messages in real time when it runs in the background. As there is currently no unified push service in the Chinese mainland, you need to [Offline Push\(iOS\)](#).

API	Description
<a href="#">setAPNSListener</a>	Sets an APNs listener.
<a href="#">setAPNS</a>	Configures APNS push.
<a href="#">setVOIP</a>	Configures VOIP push.

## Friend Management APIs

By default, Tencent Cloud IM does not check your relationship with a user when receiving and sending messages. You can enable "Check Relationship for One-to-One Messages" on [Feature Configuration > Login and Message > Relationship Check](#) in the [IM console](#) and use the following APIs to delete/add friends and manage your friend list.

API	Description
<a href="#">addFriendListener</a>	Adds a Contacts listener to receive friend list and blocklist change events.
<a href="#">removeFriendListener</a>	Removes Contacts listener.
<a href="#">getFriendList</a>	Gets the friend list.
<a href="#">getFriendsInfo</a>	Gets the profiles of specified friends.
<a href="#">setFriendInfo</a>	Sets the profile of a specified friend.
<a href="#">searchFriends</a>	Searches for friends.
<a href="#">addFriend</a>	Adds a friend.

deleteFromFriendList	Deletes a friend.
checkFriend	Checks relationship with specified users.
getFriendApplicationList	Gets the list of friend requests.
acceptFriendApplication	Accepts a friend request.
refuseFriendApplication	Rejects a friend request.
deleteFriendApplication	Deletes a friend request.
setFriendApplicationRead	Marks a friend request as read.
createFriendGroup	Creates a friend list.
getFriendGroupList	Gets the information of friend lists.
deleteFriendGroup	Deletes friend lists.
renameFriendGroup	Modifies the name of a friend list.
addFriendsToFriendGroup	Adds friends to a friend list.
deleteFriendsFromFriendGroup	Deletes friends from a friend list.

# Flutter

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## Note :

Chat provides Flutter SDK API call examples. You can visit [GitHub](#) to obtain the source code.

## Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
<a href="#">initSDK</a>	Initializes the SDK.
<a href="#">unInitSDK</a>	Uninitializes the SDK.
<a href="#">login</a>	Logs in.
<a href="#">logout</a>	Logs out.
<a href="#">getLoginUser</a>	Gets the UserID of the current login user.
<a href="#">getLoginStatus</a>	Gets the login status.
<a href="#">getServerTime</a>	Gets the current server time (not supported on web).
<a href="#">getVersion</a>	Gets the version number.
<a href="#">getConversationManager</a>	Conversation feature entry.
<a href="#">getFriendshipManager</a>	Contacts feature entry.
<a href="#">getGroupManager</a>	Advanced group feature entry.
<a href="#">getMessageManager</a>	Advanced message feature entry.
<a href="#">getOfflinePushManager</a>	Gets the version number.
<a href="#">getSignalingManager</a>	Signaling entry.

## Signaling APIs

API	Description
<a href="#">addSignalingListener</a>	Adds a signaling listener.
<a href="#">removeSignalingListener</a>	Removes a signaling listener.
<a href="#">invite</a>	Invites a user.
<a href="#">inviteInGroup</a>	Invites certain users in the group.
<a href="#">cancel</a>	The inviter cancels the invitation.
<a href="#">accept</a>	The invitee accepts the invitation.
<a href="#">reject</a>	The invitee rejects the invitation.
<a href="#">getSignalingInfo</a>	Gets signaling information.
<a href="#">addInvitedSignaling</a>	Creates a signaling request.

## Message Creation APIs

After a message is created, an `id` field will be returned. You can pass in the `id` field and related information to the message sending API (`sendMessage`) to send the message.

API	Description
<a href="#">createTextMessage</a>	Creates a text message.
<a href="#">createCustomMessage</a>	Creates a custom message.
<a href="#">createImageMessage</a>	Creates an image message.
<a href="#">createSoundMessage</a>	Creates an audio message.
<a href="#">createVideoMessage</a>	Creates a video message.
<a href="#">createTextAtMessage</a>	Creates an @ text message.
<a href="#">createFileMessage</a>	Creates a file message.
<a href="#">createLocationMessage</a>	Creates a location message.
<a href="#">createFaceMessage</a>	Creates an emoji message.
<a href="#">createMergerMessage</a>	Creates a combined message.

createForwardMessage	Creates a forward message.
createTargetedGroupMessage	Creates a targeted group message.
appendMessage	Adds a multi-element message.

## Message Sending and Receiving APIs

If you need to send or receive rich media messages (such as image, video, and file messages) and use advanced features such as recalling messages, marking messages as read, and querying message history, we recommend the following advanced message APIs. (The original APIs for simple message sending and receiving used by v3.6.0 and earlier versions have been disused. Please use new APIs to create and send messages.)

API	Description
addAdvancedMsgListener	Sets an event listener for advanced messages.
removeAdvancedMsgListener	Removes the event listener for advanced messages.
getC2CHistoryMessageList	Gets historical one-to-one (C2C) messages.
getHistoryMessageList	Gets historical messages (advanced API).
getGroupHistoryMessageList	Gets historical group messages.
markC2CMessageAsRead	Marks one-to-one (C2C) messages as read.
markGroupMessageAsRead	Marks group messages as read.
markAllMessageAsRead	Marks all messages as read.
deleteMessageFromLocalStorage	Deletes a message from the local storage.
deleteMessages	Deletes local and roaming messages.
insertGroupMessageToLocalStorage	Adds a message to the message list of a group chat.
insertC2CMessageToLocalStorage	Adds a message to the message list of a one-to-one chat.
clearC2CHistoryMessage	Clears the chat history with a user from local storage and the cloud (without deleting the conversation).
clearGroupHistoryMessage	Clears the chat history of a group from local storage and the cloud (without deleting the conversation).
downloadMergerMessage	Gets the sub messages of a combined message.

<a href="#">reSendMessage</a>	Resends a message.
<a href="#">setC2CReceiveMessageOpt</a>	Sets the one-to-one message receiving option for a user (batch setting supported).
<a href="#">getC2CReceiveMessageOpt</a>	Queries the one-to-one message receiving option of a user.
<a href="#">setGroupReceiveMessageOpt</a>	Modifies the group message receiving option.
<a href="#">setLocalCustomData</a>	Sets custom message data (saved locally, will not be sent to the peer end, and will become invalid after the app is uninstalled and reinstalled).
<a href="#">setLocalCustomInt</a>	Sets custom message data and marks whether a voice or video message is played (such a message will be saved locally, not be sent to the peer end, and become invalid after the app is uninstalled and reinstalled).
<a href="#">revokeMessage</a>	Recalls a message. By default, you can recall only messages that are sent within two minutes. You can customize the time limit for message recall via the console ( <b>Feature Configuration &gt; Login and Message &gt; Message Recall Settings</b> ).
<a href="#">modifyMessage</a>	Modifies a message.
<a href="#">sendMessage</a>	Sends a message.
<a href="#">sendReplyMessage</a>	Sends a reply message.
<a href="#">searchLocalMessages</a>	Searches for local messages.
<a href="#">sendMessageReadReceipts</a>	Sends group message read receipts.
<a href="#">getMessageReadReceipts</a>	Gets read receipts for messages sent by yourself.
<a href="#">getGroupMessageReadMemberList</a>	Gets the list of members who have (or have not) read a message sent by yourself.

## Group APIs

Tencent Cloud Chat SDK supports five preset group types, each of which pertains to different scenarios.

Work group (Work): Users can join a work group only after being invited by members of the group. This group type is the same as private group (Private) in earlier versions.

Public group (Public): Users can join the group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join. Same as chat room (ChatRoom) in earlier versions.

Community (Community): A community allows users to join and leave freely and is ideal for ultra-large community group chat scenarios, such as knowledge sharing and game communication.

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
<a href="#">addGroupListener</a>	Adds an event listener for groups.
<a href="#">setGroupListener</a>	Sets an event listener for groups.
<a href="#">removeGroupListener</a>	Removes an event listener for groups.
<a href="#">createGroup</a>	Creates a group (advanced). The group information and the initial group members can be set during group creation.
<a href="#">joinGroup</a>	Joins a group.
<a href="#">quitGroup</a>	Leaves a group.
<a href="#">dismissGroup</a>	Deletes a group. Only the group owner and group admin can delete the group.
<a href="#">getJoinedGroupList</a>	Gets the list of groups the current user has joined, excluding audio-video groups.
<a href="#">getGroupsInfo</a>	Gets the profiles of groups.
<a href="#">setGroupInfo</a>	Modifies the profile of a group.
<a href="#">initGroupAttributes</a>	Initializes group attributes. This will clear the existing group attribute list.
<a href="#">setGroupAttributes</a>	Sets group attributes. If the group attributes already exist, their values are updated. Otherwise, the group attributes are added.
<a href="#">deleteGroupAttributes</a>	Deletes specified group attributes. Passing in <code>null</code> for <code>keys</code> means clearing all group attributes.
<a href="#">getGroupAttributes</a>	Gets specified group attributes. Passing in <code>null</code> for <code>keys</code> means getting all group attributes.
<a href="#">searchGroups</a>	Searches for groups.
<a href="#">getGroupOnlineMemberCount</a>	Gets the number of online users in a group. (This API is currently supported)

	only by audio-video groups.)
getGroupMemberList	Gets the group member list.
getGroupMembersInfo	Gets the profiles of specified group members.
setGroupMemberInfo	Modifies the profile of a specified group member.
searchGroupMembers	Searches for group members.
muteGroupMember	Mutes a group member.
kickGroupMember	Removes members from a group.
setGroupMemberRole	Sets a role for a group member.
transferGroupOwner	Transfers the ownership of a group.
inviteUserToGroup	Invites users to a group.
getGroupApplicationList	Gets the list of requests to join a group.
acceptGroupApplication	Accepts a request to join a group.
refuseGroupApplication	Rejects a request to join a group.
setGroupApplicationRead	Marks the request list as read.
getJoinedCommunityList	Gets the list of community groups the current user has joined.
createTopicInCommunity	Creates a topic.
deleteTopicFromCommunity	Deletes a topic.
setTopicInfo	Sets topic attributes.
getTopicInfoList	Gets the topics of a group.

## Conversation List APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
addConversationListener	Adds a contacts listener.

removeConversationListener	Removes a contacts listener.
setConversationListener	Sets a conversation listener.
getConversationList	Gets the conversation list.
getConversationListByConversaionIds	Gets the list of specified conversations by conversation IDs.
pinConversation	Pins a conversation to the top.
getTotalUnreadMessageCount	Gets the total unread message count of a conversation.
getConversation	Gets a specified conversation.
deleteConversation	Deletes a conversation.
setConversationDraft	Sets a draft for a conversation.

## User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (that is, adding a specified user to the blocklist).

API	Description
getUsersInfo	Gets user profiles.
getUserStatus	Gets users' online statuses.
setSelfInfo	Modifies one's own user profile.
setSelfStatus	Sets the status of the current logged-in user.
addToBlackList	Blocks messages from a user, which means adding the user to the blocklist.
deleteFromBlackList	Unblocks messages from a user, which means removing the user from the blocklist.
getBlackList	Gets the blocklist.

## Offline Push APIs

We recommend you use the offline push service if you want your app to receive Chat service messages in real time when it runs in the background. As there is no unified push service in the Chinese mainland, you need to [configure Android offline push](#) for devices of different vendors separately.

API	Description
setAPNSListener	Sets the APNs offline push listener.
doBackground	Configures offline push.
doForeground	Configures offline push.
setOfflinePushConfig	Configures offline push.

## Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages.

You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to delete/add friends and manage your friends.

API	Description
setFriendListener	Sets a contacts listener to receive friend and blocklist change events.
addFriendListener	Adds a contacts listener.
removeFriendListener	Removes a contacts listener.
getFriendList	Gets the contacts.
getFriendsInfo	Gets the profiles of specified friends.
setFriendInfo	Sets the profile of a specified friend.
addFriend	Adds a friend.
deleteFromFriendList	Deletes friends.
checkFriend	Checks your relationship with a specified user.
getFriendApplicationList	Gets the list of friend requests.
acceptFriendApplication	Accepts a friend request.
refuseFriendApplication	Rejects a friend request.
deleteFriendApplication	Deletes a friend request.
setFriendApplicationRead	Marks a friend request as read.

createFriendGroup	Creates a friend list.
getFriendGroups	Gets the information of friend lists.
deleteFriendGroup	Deletes a friend list.
renameFriendGroup	Modifies the name of a friend list.
addFriendsToFriendGroup	Adds friends to a friend list.
deleteFriendsFromFriendGroup	Deletes friends from a friend list.
searchFriends	Searches for friends.

# Electron

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## Event Callback APIs

API	Description
<a href="#">TIMAddRecvNewMsgCallback</a>	Adds the callback for receiving new messages.
<a href="#">TIMRemoveRecvNewMsgCallback</a>	Deletes the callback for receiving new messages.
<a href="#">TIMSetMsgReadedReceiptCallback</a>	Sets the callback for message read receipts.
<a href="#">TIMSetMsgRevokeCallback</a>	Sets the callback for message recalls.
<a href="#">TIMSetMsgElemUploadProgressCallback</a>	Sets the callback for the upload progress of message element files.
<a href="#">TIMSetGroupTipsEventCallback</a>	Sets the callback for group system messages.
<a href="#">TIMSetConvEventCallback</a>	Sets the callback for conversation events.
<a href="#">TIMSetNetworkStatusListenerCallback</a>	Sets the callback for network connection status.
<a href="#">TIMSetKickedOfflineCallback</a>	Sets the callback for notifications of forced logout.
<a href="#">TIMSetUserSigExpiredCallback</a>	Sets the callback for user ticket expiration.
<a href="#">TIMSetOnAddFriendCallback</a>	Sets the callback for adding friends.
<a href="#">TIMSetonDeleteFriendCallback</a>	Sets the callback for deleting friends.
<a href="#">TIMSetUpdateFriendProfileCallback</a>	Sets the callback for updating friends' profiles.
<a href="#">TIMSetFriendAddRequestCallback</a>	Sets the callback for friend requests.
<a href="#">TIMSetLogCallback</a>	Sets the callback for logs.
<a href="#">TIMSetMsgUpdateCallback</a>	Sets the callback for message update notifications returned after messages are modified in the cloud.

## Chat SDK Initialization APIs

API	Description
TIMInit	Initializes the Chat SDK.
TIMUninit	Uninstalls the Chat SDK.
TIMGetSDKVersion	Gets Chat SDK version number.
TIMSetConfig	Sets extra user configurations.

## Login and Logout APIs

API	Description
TIMLogin	Logs in.
TIMLogout	Logs out.

## Conversation APIs

API	Description
TIMConvCreate	Creates a conversation.
TIMConvDelete	Deletes a conversation.
TIMConvGetConvList	Gets the conversation list of recent contacts.
TIMConvSetDraft	Sets the draft of a conversation.
TIMConvCancelDraft	Deletes the draft of a conversation.
TIMConvGetConvInfo	Gets a conversation list.
TIMConvGetTotalUnreadMessageCount	Gets the total unread message count of all conversations.
TIMConvPinConversation	Pins a conversation to the top.

## Message APIs

API	Description

TIMMsgBatchSend	Sends a message to multiple users at a time, but not to groups.
TIMMsgCancelSend	Cancels a message being sent based on <code>messageID</code> .
TIMMsgClearHistoryMessage	Clears the messages of a conversation.
TIMMsgDelete	Deletes the messages of a conversation.
TIMMsgDeleteMessageExtensions	Deletes message extensions.
TIMMsgDownloadElemToPath	Downloads message elements to a path.
TIMMsgDownloadMergerMessage	Downloads a combined message.
TIMMsgFindByMsgLocatorList	Locates a message of a conversation by using the message locator.
TIMMsgFindMessages	Queries local messages by <code>messageID</code> .
TIMMsgGetC2CReceiveMessageOpt	Queries the one-to-one message receiving option of a user.
TIMMsgGetMessageExtensions	Gets message extensions.
TIMMsgGetMsgList	Gets the message list of a specified conversation.
TIMMsgImportMsgList	Imports a message list to a conversation.
TIMMsgListDelete	Deletes the local and roaming messages of a conversation.
TIMMsgModifyMessage	Modifies a message.
TIMMsgReportReaded	Marks a message as read.
TIMMsgRevoke	Recalls a message.
TIMMsgSaveMsg	Saves a custom message.
TIMMsgSearchLocalMessages	Searches for local messages.
TIMMsgSendNewMsg	Sends a new message.
TIMMsgSendMessageV2	Sends a new message. (V2)
TIMMsgSetC2CReceiveMessageOpt	Sets the one-to-one message receiving option of a user.
TIMMsgSetGroupReceiveMessageOpt	Sets the group message receiving option.
TIMMsgSetMessageExtensions	Sets message extensions.
TIMMsgTranslateText	Translates text message.

TIMMsgConvertVoiceToText

Converts voice message to text message.

## Group APIs

API	Description
TIMGroupCreate	Creates a group.
TIMGroupDelete	Disbands a group.
TIMGroupDeleteGroupAttributes	Deletes group attributes.
TIMGroupDeleteMember	Deletes a group member.
TIMGroupGetGroupAttributes	Gets specified group attributes.
TIMGroupGetGroupInfoList	Gets group information.
TIMGroupGetJoinedGroupList	Gets the list of groups that a user has joined.
TIMGroupGetMemberInfoList	Gets group member information.
TIMGroupGetOnlineMemberCount	Gets the number of online members of a group.
TIMGroupGetPendingList	Gets the list of pending group requests.
TIMGroupHandlePending	Handles pending group requests.
TIMGroupInitGroupAttributes	Initializes group attributes.
TIMGroupInviteMember	Invites someone to join a group.
TIMGroupJoin	Requests to join a group.
TIMGroupModifyGroupInfo	Modifies group information.
TIMGroupModifyMemberInfo	Modifies group member information.
TIMGroupQuit	Leaves a group.
TIMGroupReportPendingReaded	Reports that a pending group request is read.
TIMGroupSearchGroupMembers	Searches for group members.
TIMGroupSearchGroups	Searches for groups.
TIMGroupSetGroupAttributes	Sets group attributes.

TIMMsgGetGroupMessageReadMemberList	Gets the list of members who have or have not read the group message.
TIMMsgGetMessageReadReceipts	Gets message read receipts.
TIMMsgSendMessageReadReceipts	Sends message read receipts.

## User Profile APIs

API	Description
TIMProfile GetUserProfileList	Gets the profiles of specified users.
TIMProfileModifySelfUserProfile	Modifies one's own profile.

## Relationship Chain APIs

API	Description
TIMFriendshipAddFriend	Adds friends.
TIMFriendshipAddToBlackList	Adds a user to the blocklist.
TIMFriendshipCheckFriendType	Checks the friend type (one-way or two-way).
TIMFriendshipCreateFriendGroup	Creates a friend list.
TIMFriendshipDeleteFriend	Deletes friends.
TIMFriendshipDeleteFriendGroup	Deletes a friend list.
TIMFriendshipDeleteFromBlackList	Removes a user from the blocklist.
TIMFriendshipDeletePendency	Deletes a pending friend request.
TIMFriendshipGetBlackList	Gets the blocklist.
TIMFriendshipGetFriendGroupList	Gets the information of a friend list.
TIMFriendshipGetFriendProfileList	Gets friend lists.
TIMFriendshipGetFriendsInfo	Gets friend information.
TIMFriendshipGetPendencyList	Gets the pending friend request list.

TIMFriendshipHandleFriendAddRequest	Handles a friend request.
TIMFriendshipModifyFriendGroup	Modifies a friend list.
TIMFriendshipModifyFriendProfile	Updates friends' profiles (such as remarks).
TIMFriendshipReportPendencyReaded	Reports that a pending friend request is read.
TIMFriendshipSearchFriends	Searches for friends.

# Unity

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## Note

For API details, see [here](#).

## Conversation APIs

API	Description
<a href="#">ConvCancelDraft</a>	Cancels a draft of a conversation.
<a href="#">ConvDelete</a>	Deletes a conversation.
<a href="#">ConvGetConvInfo</a>	Gets the information of conversations.
<a href="#">ConvGetConvList</a>	Gets the conversation list.
<a href="#">ConvGetTotalUnreadMessageCount</a>	Gets the total unread count of all conversations.
<a href="#">ConvPinConversation</a>	Pins a conversation to the top.
<a href="#">ConvSetDraft</a>	Sets a draft for a conversation.

## Relationship Chain APIs

API	Description
<a href="#">FriendshipAddFriend</a>	Adds a friend.
<a href="#">FriendshipAddToBlackList</a>	Adds a user to the blocklist.
<a href="#">FriendshipCheckFriendType</a>	Checks the friend type.
<a href="#">FriendshipCreateFriendGroup</a>	Creates a friend list.
<a href="#">FriendshipDeleteFriend</a>	Deletes a friend.
<a href="#">FriendshipDeleteFriendGroup</a>	Deletes a friend list.
<a href="#">FriendshipDeleteFromBlackList</a>	Removes a user from the blocklist.

<a href="#">FriendshipDeletePending</a>	Deletes a pending friend request.
<a href="#">FriendshipGetBlackList</a>	Gets the blocklist.
<a href="#">FriendshipGetFriendGroupList</a>	Gets the information of a friend list.
<a href="#">FriendshipGetFriendProfileList</a>	Gets the profiles of all friends.
<a href="#">FriendshipGetFriendsInfo</a>	Gets the information of friends.
<a href="#">FriendshipGetPendingList</a>	Gets the list of pending group requests.
<a href="#">FriendshipHandleFriendAddRequest</a>	Handles a friend request.
<a href="#">FriendshipModifyFriendGroup</a>	Modifies a friend list.
<a href="#">FriendshipModifyFriendProfile</a>	Modifies the profile of a friend.
<a href="#">FriendshipReportPendingReaded</a>	Reports that a pending friend request is read.
<a href="#">FriendshipSearchFriends</a>	Searches for friends.

## Group APIs

API	Description
<a href="#">GroupCreate</a>	Creates a group.
<a href="#">GroupCreateTopicInCommunity</a>	Creates a topic.
<a href="#">GroupDelete</a>	Disbands a group.
<a href="#">GroupDeleteGroupAttributes</a>	Deletes custom group attributes.
<a href="#">GroupDeleteMember</a>	Deletes a group member.
<a href="#">GroupDeleteTopicFromCommunity</a>	Deletes a topic.
<a href="#">GroupGetGroupAttributes</a>	Gets group attributes.
<a href="#">GroupGetGroupInfoList</a>	Gets group information.
<a href="#">GroupGetJoinedCommunityList</a>	Gets the list of community groups the current user has joined.
<a href="#">GroupGetJoinedGroupList</a>	Gets the list of groups that a user has joined.
<a href="#">GroupGetMemberInfoList</a>	Gets group member information.

<a href="#">GroupGetOnlineMemberCount</a>	Gets the number of online group members.
<a href="#">GroupGetPendingList</a>	Gets the list of pending group requests.
<a href="#">GroupGetTopicInfoList</a>	Gets the list of topics.
<a href="#">GroupHandlePending</a>	Handles pending group requests.
<a href="#">GroupInitGroupAttributes</a>	Initializes custom group attributes.
<a href="#">GroupInviteMember</a>	Invites a user to join a group.
<a href="#">GroupJoin</a>	Joins a group.
<a href="#">GroupModifyGroupInfo</a>	Modifies group information.
<a href="#">GroupModifyMemberInfo</a>	Modifies group member information.
<a href="#">GroupQuit</a>	Leaves a group.
<a href="#">GroupReportPendingReaded</a>	Reports that a pending group request is read.
<a href="#">GroupSearchGroupMembers</a>	Searches for group members.
<a href="#">GroupSearchGroups</a>	Searches for group profiles.
<a href="#">GroupSetGroupAttributes</a>	Sets group attributes.
<a href="#">GroupSetTopicInfo</a>	Modifies topic information.

## Chat SDK Initialization APIs

API	Description
<a href="#">GetSDKVersion</a>	Gets the version of the underlying library of the Chat SDK.
<a href="#">GetServerTime</a>	Gets the server time (seconds).
<a href="#">Init</a>	Initializes the Chat SDK.
<a href="#">SetConfig</a>	Sets global configuration.
<a href="#">Uninit</a>	Uninitializes the Chat SDK.

## Login APIs

API	Description
GetLoginStatus	Gets the current login status.
GetLoginUserID	Gets the ID of the current login user.
Login	Logs in.
Logout	Logs out.

## Message APIs

API	Description
GetMsgGroupMessageReadMemberList	Gets the list of members who have read the group message.
MsgBatchSend	Sends a message to multiple users at a time.
MsgCancelSend	Cancels the sending of a message.
MsgClearHistoryMessage	Clears historical messages.
MsgDelete	Deletes the messages of a conversation.
MsgDoBackground	This API can be called when the app detects that the app switches to the background.
MsgDoForeground	This API can be called when the app detects that the app switches to the foreground.
MsgDownloadElemToPath	Downloads a multimedia message.
MsgDownloadMergerMessage	Downloads a combined message.
MsgFindByMsgLocatorList	Locates a message by using a message locator.
MsgFindMessages	Locates local messages.
MsgGetC2CReceiveMessageOpt	Gets the message receiving option for a one-to-one chat.
MsgGetMessageReadReceipts	Gets message read receipts.
MsgGetMsgList	Gets the historical message list of a conversation.

<a href="#">MsgImportMsgList</a>	Imports messages.
<a href="#">MsgListDelete</a>	Deletes messages.
<a href="#">MsgMarkAllMessageAsRead</a>	Marks all messages as read.
<a href="#">MsgModifyMessage</a>	Modifies a message.
<a href="#">MsgReportReaded</a>	Reports that a one-to-one message is read.
<a href="#">MsgRevoke</a>	Recalls a message.
<a href="#">MsgSaveMsg</a>	Saves a message.
<a href="#">MsgSearchLocalMessages</a>	Searches for local messages.
<a href="#">MsgSendMessage</a>	Sends a message.
<a href="#">MsgSendMessageReadReceipts</a>	Sends message read receipts.
<a href="#">MsgSetC2CReceiveMessageOpt</a>	Sets the one-to-one message receiving option.
<a href="#">MsgSetGroupReceiveMessageOpt</a>	Sets the group message receiving option.
<a href="#">MsgSetLocalCustomData</a>	Sets local message data.
<a href="#">MsgSetOfflinePushToken</a>	Sets offline push configuration.

## User Profile APIs

API	Description
<a href="#">GetUserStatus</a>	Queries a user's status.
<a href="#">Profile GetUserProfileList</a>	Gets the profiles of specified users.
<a href="#">ProfileModifySelfUserProfile</a>	Modifies one's own profile.
<a href="#">SetSelfStatus</a>	Sets one's own status.
<a href="#">SubscribeUserStatus</a>	Subscribes to a user's status.
<a href="#">UnsubscribeUserStatus</a>	Unsubscribes from a user's status.

## SDK Callback Registration APIs

API	Description
AddRecvNewMsgCallback	Adds the callback for receiving new messages.
RemoveRecvNewMsgCallback	Removes the callback for receiving new messages.
SetConvEventCallback	Sets the callback for conversation events.
SetConvTotalUnreadMessageCountChangedCallback	Sets the callback for a change in the total unread message count of conversations.
SetFriendAddRequestCallback	Sets the callback for friend requests.
SetFriendApplicationListDeletedCallback	Sets the callback for deleting a friend request.
SetFriendApplicationListReadCallback	Sets the callback for reading a friend request.
SetFriendBlackListAddedCallback	Sets the callback for adding a friend to the blocklist.
SetFriendBlackListDeletedCallback	Sets the callback for removing a friend from the blocklist.
SetGroupAttributeChangedCallback	Sets the callback for a group attribute change.
SetGroupTipsEventCallback	Sets the callback for group system messages.
SetGroupTopicChangedCallback	Sets the callback for topic updates.
SetGroupTopicCreatedCallback	Sets the callback for topic creation.
SetGroupTopicDeletedCallback	Sets the callback for topic deletion.
SetKickedOfflineCallback	Sets the callback for notifications of forced logout.
SetLogCallback	Sets the callback for logs.
SetMsgElemUploadProgressCallback	Sets the callback for the upload progress of message element files.
SetMsgReadedReceiptCallback	Sets the callback for message read receipts.
SetMsgRevokeCallback	Sets the callback for message recalls.
SetMsgUpdateCallback	Sets the callback for message update notifications returned after messages are modified in the cloud.
SetNetworkStatusListenerCallback	Sets the callback for network connection status.
SetOnAddFriendCallback	Sets the callback for adding friends.

<a href="#">SetOnDeleteFriendCallback</a>	Sets the callback for deleting friends.
<a href="#">SetOnDeleteFriendCallback</a>	Sets the callback for deleting friends.
<a href="#">SetSelfInfoUpdatedCallback</a>	Sets the callback for updating the current user's profile.
<a href="#">SetUpdateFriendProfileCallback</a>	Sets the callback for updating friends' profiles.
<a href="#">SetUserSigExpiredCallback</a>	Sets the callback for user ticket expiration.
<a href="#">SetUserStatusChangedCallback</a>	Sets the callback for user status update notifications.

# React Native

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## Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
<a href="#">initSDK</a>	Initializes the SDK.
<a href="#">unInitSDK</a>	Uninitializes the SDK.
<a href="#">login</a>	Logs in.
<a href="#">logout</a>	Logs out.
<a href="#">getLoginUser</a>	Gets the UserID of the current login user.
<a href="#">getLoginStatus</a>	Gets the login status.
<a href="#">getServerTime</a>	Gets the server time.
<a href="#">getVersion</a>	Gets the version number.

## Signaling APIs

API	Description
<a href="#">accept</a>	The invitee accepts the invitation.
<a href="#">addInvitedSignaling</a>	Creates a signaling request.
<a href="#">addSignalingListener</a>	Adds a signaling listener.
<a href="#">cancel</a>	The inviter cancels the invitation.
<a href="#">getSignalingInfo</a>	Gets signaling information.
<a href="#">invite</a>	Invites a user.
<a href="#">inviteInGroup</a>	Invites certain users in the group.

reject	The invitee rejects the invitation.
removeSignalingListener	Removes a signaling listener.

## Message APIs

API	Description
addAdvancedMsgListener	Adds an event listener for advanced messages.
appendMessage	Appends another message to a message and adds it to the list.
clearC2CHistoryMessage	Clears the chat history with a user from local storage and the cloud (without deleting the conversation).
clearGroupHistoryMessage	Clears the chat history of a group from local storage and the cloud (without deleting the conversation).
createCustomMessage	Creates a custom message.
createFaceMessage	Creates an emoji message.
createFileMessage	Creates a file message.
createForwardMessage	Creates a forward message.
createImageMessage	Creates an image message.
createLocationMessage	Creates a location message.
createMergerMessage	Creates a combined message.
createSoundMessage	Creates an audio message.
createTargetedGroupMessage	Creates a targeted group message.
createTextAtMessage	Creates a text message with the @ notification feature (unavailable for audio-video groups).
createTextMessage	Creates a text message.
createVideoMessage	Creates a video message.
deleteMessageExtensions	Deletes message extensions.
deleteMessageFromLocalStorage	Deletes a message from the local storage.

deleteMessages	Deletes local and roaming messages.
downloadMergerMessage	Gets the sub messages of a combined message.
downloadMessage	Downloads a multimedia message.
getC2CHistoryMessageList	Gets historical one-to-one messages.
getC2CReceiveMessageOpt	Queries the one-to-one message receiving option of a user.
getGroupHistoryMessageList	Gets historical group messages.
getGroupMessageReadMemberList	Gets the list of members who have or have not read the group message.
getHistoryMessageList	Gets historical messages (advanced API).
getMessageExtensions	Gets message extensions.
getMessageOnlineUrl	Gets the URL of a multimedia message.
getMessageReadReceipts	Gets message read receipts.
insertC2CMessageToLocalStorage	Adds a message to the message list of a one-to-one chat.
insertGroupMessageToLocalStorage	Adds a message to the message list of a group chat.
markAllMessageAsRead	Marks all messages as read.
markC2CMessageAsRead	Marks one-to-one (C2C) messages as read.
markGroupMessageAsRead	Marks group messages as read.
modifyMessage	Modifies a message.
removeAdvancedMsgListener	Removes the listener for advanced messages.
reSendMessage	Resends a message.
revokeMessage	Recalls a message.
searchLocalMessages	Searches for local messages.
sendMessage	Sends a message.
sendMessageReadReceipts	Sends message read receipts.
sendReplyMessage	Sends a reply message.
setC2CReceiveMessageOpt	Sets the one-to-one message receiving option of a user.

<a href="#">setGroupReceiveMessageOpt</a>	Sets the group message receiving option.
<a href="#">setLocalCustomData</a>	Sets custom message data.
<a href="#">setLocalCustomInt</a>	Sets custom message data.
<a href="#">setMessageExtensions</a>	Gets message extensions.

## Conversation APIs

API	Description
<a href="#">addConversationListener</a>	Sets a conversation listener.
<a href="#">deleteConversation</a>	Deletes a conversation.
<a href="#">getConversation</a>	Gets the information of a conversation.
<a href="#">getConversationList</a>	Gets the conversation list.
<a href="#">getConversationListByConversaionIds</a>	Gets the list of specified conversations by conversation IDs.
<a href="#">getTotalUnreadMessageCount</a>	Gets the total unread message count of a conversation.
<a href="#">pinConversation</a>	Pins a conversation to the top.
<a href="#">removeConversationListener</a>	Removes a conversation listener.
<a href="#">setConversationDraft</a>	Sets a draft for a conversation.

## Relationship Chain APIs

API	Description
<a href="#">acceptFriendApplication</a>	Accepts a friend request.
<a href="#">addFriend</a>	Adds a friend.
<a href="#">addFriendListener</a>	Adds a contacts listener.
<a href="#">addFriendsToFriendGroup</a>	Adds friends to a friend list.
<a href="#">addToBlackList</a>	Adds a user to the blocklist.

checkFriend	Checks your relationship with a specified user.
createFriendGroup	Creates a friend list.
deleteFriendApplication	Deletes a friend request.
deleteFriendGroup	Deletes a friend list.
deleteFriendsFromFriendGroup	Accepts a friend request.
deleteFromBlackList	Removes a user from the blocklist.
deleteFromFriendList	Deletes friends.
getBlackList	Gets the blocklist.
getFriendApplicationList	Gets the list of friend requests.
getFriendGroups	Gets the information of friend lists.
getFriendList	Gets the contacts.
getFriendsInfo	Gets the profiles of specified friends.
refuseFriendApplication	Rejects a friend request.
removeFriendListener	Removes a contacts listener.
renameFriendGroup	Modifies the name of a friend list.
searchFriends	Searches for friends.
setFriendApplicationRead	Marks a friend request as read.
setFriendInfo	Sets the profile of a specified friend.

## Group APIs

API	Description
addGroupListener	Adds an event listener for groups.
dismissGroup	Disbands a group.
joinGroup	Joins a group.
quitGroup	Leaves a group.

removeGroupListener	Removes an event listener for groups.
acceptGroupApplication	Accepts a request to join a group.
createGroup	Creates a group.
createTopicInCommunity	Creates a topic.
deleteGroupAttributes	Deletes group attributes.
deleteTopicFromCommunity	Deletes a topic.
getGroupApplicationList	Gets the list of requests to join a group.
getGroupAttributes	Gets group attributes.
getGroupMemberList	Gets the group member list.
getGroupMembersInfo	Gets the profiles of specified group members.
getGroupOnlineMemberCount	Gets the number of online group members.
getGroupsInfo	Gets the profiles of groups.
getJoinedCommunityList	Gets the list of community groups the current user has joined.
getJoinedGroupList	Gets the list of groups the current user has joined.
getTopicInfoList	Gets the topics of a group.
initGroupAttributes	Initializes group attributes.
inviteUserToGroup	Invites users to a group.
kickGroupMember	Kicks members out of a group.
muteGroupMember	Mutes a group member.
refuseGroupApplication	Rejects a request to join a group.
searchGroupMembers	Searches for group members.
searchGroups	Searches for group profiles.
setGroupApplicationRead	Marks all group requests as read.
setGroupAttributes	Sets group attributes.
setGroupInfo	Modifies the profile of a group.

<a href="#">setGroupMemberInfo</a>	Modifies the profile of a specified group member.
<a href="#">setGroupMemberRole</a>	Sets a role for a group member.
<a href="#">setTopicInfo</a>	Sets topic attributes.
<a href="#">transferGroupOwner</a>	Transfers the ownership of a group.

## Offline Push APIs

API	Description
<a href="#">doBackground</a>	This API can be called when the app detects that the app switches to the background.
<a href="#">doForeground</a>	This API can be called when the app detects that the app switches to the foreground.
<a href="#">setOfflinePushConfig</a>	Configures offline push.

# C APIs

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## IM SDK Initialization APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
TIMInit	Initializes the IM SDK.
TIMUninit	Uninstalls the IM SDK.
TIMGetSDKVersion	Gets IM SDK version number.
TIMGetServerTime	Gets the current server time.
TIMSetConfig	Sets extra user configurations.

## Login and Logout APIs

API	Description
TIMLogin	Logs in.
TIMLogout	Logs out.
TIMGetLoginUserID	Gets the <code>userID</code> of the logged-in user.
TIMGetLoginStatus	Gets the login status.

## Message APIs

API	Description
TIMMsgSendMessage	Sends a new message
TIMMsgCancelSend	Cancels a message based on the <code>messageID</code> .
TIMMsgBatchSend	Sends a message to multiple users at a time, but not

	to groups.
TIMMsgDownloadElemToPath	Downloads message elements (such as the image, video, audio, and file) to a path.
TIMMsgDownloadMergerMessage	Downloads a merged message.
TIMMsgSetLocalCustomData	Sets custom message data (saved locally, not sent to the peer, and invalidated upon app reinstallation).
TIMMsgSetC2CReceiveMessageOpt	Sets the one-to-one message receiving option for a user (batch setting supported).
TIMMsgGetC2CReceiveMessageOpt	Queries the one-to-one message receiving option for a user.
TIMMsgSetGroupReceiveMessageOpt	Sets the receiving option for group messages.
TIMMsgSetAllReceiveMessageOpt	Sets the global message receiving option for a logged-in user (supports setting do-not-disturb times for each day).
TIMMsgSetAllReceiveMessageOpt2	Sets the global message receiving option for a logged-in user.
TIMMsgGetAllReceiveMessageOpt	Gets the global message receiving option of a logged-in user.
TIMMsgGetMsgList	Gets the message list of a conversation.
TIMMsgRevoke	Recalls a message.
TIMMsgModifyMessage	Modifies a message.
TIMMsgDelete	Deletes the messages of a conversation.
TIMMsgListDelete	Deletes the local and roaming message lists of a conversation.
TIMMsgClearHistoryMessage	Clears the messages of a conversation.
TIMMsgSaveMsg	Saves a custom message.
TIMMsgImportMsgList	Imports a message list to a conversation.
TIMMsgFindMessages	Queries the list of local messages based on the messageID .

TIMMsgFindByMsgLocatorList	Locates a message of a conversation by using the message locator.
TIMMsgSearchLocalMessages	Searches for local messages.
TIMMsgSearchCloudMessages	Searches for cloud messages.
TIMMsgSendMessageReadReceipts	Sends message read receipts.
TIMMsgGetMessageReadReceipts	Gets message read receipts.
TIMMsgGetGroupMessageReadMemberList	Gets the list of group members who have read group messages.
TIMMsgSetMessageExtensions	Sets message extensions.
TIMMsgGetMessageExtensions	Gets message extensions.
TIMMsgDeleteMessageExtensions	Deletes message extensions.
TIMMsgAddMessageReaction	Adds message reaction.
TIMMsgRemoveMessageReaction	Deletes message reaction.
TIMMsgGetMessageReactions	Gets message reactions.
TIMMsgGetAllUserListOfMessageReaction	Gets the users who respond with the specified message by page.
TIMMsgTranslateText	Translates a text message.
TIMPinGroupMessage	Sets group message pinning.
TIMGetPinnedMessageList	Gets the pinned group message list.

## Conversation APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as the conversation node, conversation name, group name, last message, and unread count.

API	Description
TIMConvGetConvList	Gets the conversation list.
TIMConvGetConvInfo	Queries a list of conversations.

TIMConvGetConversationListByFilter	An advanced API for getting the conversation list.
TIMConvDelete	Deletes a conversation.
TIMConvDeleteConversationList	Deletes the conversation list.
TIMConvSetDraft	Sets the draft for a conversation.
TIMConvCancelDraft	Deletes the draft for a conversation.
TIMConvSetConversationCustomData	Sets custom conversation data.
TIMConvPinConversation	Pins a conversation to the top.
TIMConvMarkConversation	Marks a conversation.
TIMConvGetTotalUnreadMessageCount	Gets the total unread message count of all conversations.
TIMConvGetUnreadMessageCountByFilter	Gets the total unread message count by filter.
TIMConvSubscribeUnreadMessageCountByFilter	Subscribes to notification of total unread message count for conversations specified by filter.
TIMConvUnsubscribeUnreadMessageCountByFilter	Unsubscribes from notification of total unread message count for conversations specified by filter.
TIMConvCleanConversationUnreadMessageCount	Cleans up the unread message count of the conversation.
TIMConvCreateConversationGroup	Creates a conversation group.
TIMConvGetConversationGroupList	Gets the list of conversation groups.
TIMConvDeleteConversationGroup	Deletes a conversation group.
TIMConvRenameConversationGroup	Renames a conversation group.
TIMConvAddConversationsToGroup	Adds a conversation to a conversation group.
TIMConvDeleteConversationsFromGroup	Deletes conversations from a group.

# Group APIs

Tencent Cloud Chat SDK supports the following preset group types, each of which pertains to different scenarios.

Work group (Work): Users can join the group only after being invited by group members. This group is similar to ordinary WeChat groups.

Public group (Public): Similar to QQ groups, users can join a public group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): Used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join.

Community: Community supports up to 100,000 members and a user can join and leave a community freely without approval. It is suitable for chat scenarios with a super large number of community members, such as knowledge sharing and game discussion. This feature is supported by a client with the SDK edition V5.8 or later. To use it, you need to purchase the [premium edition](#), and then enable it via [console > Feature Configuration > Group Configuration > Group Feature Configuration > Community](#).

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
TIMGroupCreate	Creates a group.
TIMGroupDelete	Deletes or dissolves a group.
TIMGroupJoin	Requests to join a group.
TIMGroupQuit	Quits a group.
TIMGroupGetJoinedGroupList	Gets the list of groups that a user has joined.
TIMGroupGetGroupInfoList	Gets group information.
TIMGroupSearchGroups	Searches for groups.
TIMGroupModifyGroupInfo	Modifies group information.
TIMGroupInitGroupAttributes	Initializes the group attributes to clear the existing group attribute list.
TIMGroupSetGroupAttributes	Sets group attributes. If a group attribute already exists, its value will be updated; otherwise, it will be added.
TIMGroupDeleteGroupAttributes	Deletes group attributes.

TIMGroupGetGroupAttributes	Gets a specified group attribute. If `NULL` is passed in for `json_keys`, all the group attributes will be obtained.
TIMGroupGetOnlineMemberCount	Gets the number of online members in a group.
TIMGroupSetGroupCounters	Sets group counters.
TIMGroupGetGroupCounters	Gets group counters.
TIMGroupIncreaseGroupCounter	Increases the group counter.
TIMGroupDecreaseGroupCounter	Decreases the group counter.
TIMGroupGetJoinedCommunityList	Gets the list of communities the current user has joined.
TIMGroupCreateTopicInCommunity	Creates a topic.
TIMGroupDeleteTopicFromCommunity	Deletes a topic.
TIMGroupSetTopicInfo	Modifies topic information.
TIMGroupGetTopicInfoList	Gets the list of topics.
TIMGroupGetMemberInfoList	Gets group member information.
TIMGroupSearchGroupMembers	Searches for group members.
TIMGroupModifyMemberInfo	Modifies group member information.
TIMGroupInviteMember	Invites someone to join a group.
TIMGroupDeleteMember	Removes a member from a group.
TIMGroupMarkGroupMemberList	Marks group members.
TIMGroupGetPendingList	Gets the pending group request list.(Pending group requests are those that are not handled, for example, invitations or requests to join a group.)
TIMGroupHandlePending	Handles pending group requests.
TIMGroupReportPendingReaded	Reports that a pending group request is read.

## Community Topic APIs

API	Description
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TIMCommunityCreate	Creates a community that supports a topic.
TIMCommunityGetJoinedCommunityList	Gets the list of communities the current user has joined.
TIMCommunityCreateTopicInCommunity	Creates a topic.
TIMCommunityDeleteTopicFromCommunity	Deletes a topic.
TIMCommunitySetTopicInfo	Modifies topic information.
TIMCommunityGetTopicInfoList	Gets the list of topics.
TIMCommunityCreatePermissionGroupInCommunity	Creates a community permission group.
TIMCommunityDeletePermissionGroupFromCommunity	Deletes a community permission group.
TIMCommunityModifyPermissionGroupInfoInCommunity	Modifies a community permission group.
TIMCommunityGetJoinedPermissionGroupListInCommunity	Gets the list of community permission groups a user has joined.
TIMCommunityGetPermissionGroupListInCommunity	Gets a community permission group list.
TIMCommunityAddCommunityMembersToPermissionGroup	Adds members to a community permission group.
TIMCommunityRemoveCommunityMembersFromPermissionGroup	Removes members from a community permission group.
TIMCommunityGetCommunityMemberListInPermissionGroup	Gets the list of community permission group members.
TIMCommunityAddTopicPermissionToPermissionGroup	Adds topic permission to the permission group.
TIMCommunityDeleteTopicPermissionFromPermissionGroup	Deletes topic permission from the permission group.
TIMCommunityModifyTopicPermissionInPermissionGroup	Modifies the topic permission in the permission group.

TIMCommunityGetTopicPermissionInPermissionGroup

Gets the topic permission in the permission group.

## User Profile APIs

API	Description
TIMProfile GetUserProfileList	Gets users' profiles.
TIMProfileModifySelfUserProfile	Modifies one's own profile.
TIMSubscribeUserInfo	Subscribes to a stranger's profile.
TIMUnsubscribeUserInfo	Unsubscribes from a stranger's profile.

## User Status APIs

API	Description
TIMGetUserStatus	Gets user status information.
TIMSetSelfStatus	Sets one's own status.
TIMSubscribeUserStatus	Subscribes to a user's status.
TIMUnsubscribeUserStatus	Unsubscribes from a user's status.

## Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages.

You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and**

**Message > Relationship Check** in the [Chat console](#) and use the following APIs to add/delete friends and manage your friends.

API	Description
TIMFriendshipGetFriendProfileList	Gets the contacts.
TIMFriendshipGetFriendsInfo	Gets information of friends.

TIMFriendshipModifyFriendProfile	Updates the profile of a friend (such as remarks).
TIMFriendshipSearchFriends	Searches for a friend.
TIMFriendshipAddFriend	Adds a friend.
TIMFriendshipDeleteFriend	Deletes a friend.
TIMFriendshipCheckFriendType	Checks the friend type (one-way or two-way).
TIMFriendshipGetPendingList	Gets the pending friend request list.
TIMFriendshipHandleFriendAddRequest	Handles friend requests.
TIMFriendshipReportPendingReaded	Reports that a pending friend request is read.
TIMFriendshipDeletePending	Deletes a pending friend request.
TIMFriendshipGetBlackList	Gets the blocklist.
TIMFriendshipAddToBlackList	Adds a user to the blocklist.
TIMFriendshipDeleteFromBlackList	Removes a user from the blocklist.
TIMFriendshipCreateFriendGroup	Creates a friend group.
TIMFriendshipGetFriendGroupList	Gets the information of a friend group.
TIMFriendshipDeleteFriendGroup	Deletes a friend group.
TIMFriendshipModifyFriendGroup	Modifies a friend group.

## Official Account APIs

Official accounts can send broadcast messages and one-to-one (C2C) messages to subscribers.

API	Description
TIMSubscribeOfficialAccount	Subscribes to an official account.
TIMUnsubscribeOfficialAccount	Unsubscribes from an official account.
TIMGetOfficialAccountsInfo	Gets a list of official accounts.

## Follow Feature APIs

The follow feature can help establish and maintain simple connections between users, facilitating interaction and communication among them.

API	Description
TIMFollowUser	Follows users.
TIMUnfollowUser	Unfollows users.
TIMGetMyFollowingList	Gets my following user list.
TIMGetMyFollowersList	Gets my follower list.
TIMGetMutualFollowersList	Gets my mutual following user list.
TIM GetUserFollowInfo	Gets the information of followings/followers/mutual followings of a specified user.
TIMCheckFollowType	Checks the follow type of a specified user.

## Offline Push APIs

API	Description
TIMMsgSetOfflinePushToken	Sets offline push configuration information (for iOS and Android platforms only).
TIMMsgDoBackground	Specifies the initial unread count on the desktop badge (for iOS and Android platforms only). This API can be called when the app detects that the app switches to the background.
TIMMsgDoForeground	Called when the app detects that the app switches to the foreground (for iOS and Android platforms only).

## Signaling APIs

API	Description
TIMSignalInvite	Invites a user.

<code>TIMSignalngInviteInGroup</code>	Invites certain users in the group.
<code>TIMSignalngCancel</code>	Cancels an invitation.
<code>TIMSignalngAccept</code>	Accepts an invitation.
<code>TIMSignalngReject</code>	Rejects an invitation.
<code>TIMGetSignalingInfo</code>	Gets the signaling information.
<code>TIMSignalngModifyInvitation</code>	Modifies the invitation signaling.

## Event Callback APIs

### IM SDK initialization and login callback APIs

API	Description
<code>TIMSetNetworkStatusListenerCallback</code>	Sets the callback for network connection status.
<code>TIMSetKickedOfflineCallback</code>	Sets the callback for forced logout.
<code>TIMSetUserSigExpiredCallback</code>	Sets the callback for user ticket expiration.
<code>TIMSetLogCallback</code>	Sets the callback for logs.

### Message callback APIs

API	Description
<code>TIMAddRecvNewMsgCallback</code>	Adds the callback for receiving new messages.
<code>TIMRemoveRecvNewMsgCallback</code>	Deletes the callback for receiving new messages.
<code>TIMSetMsgElemUploadProgressCallback</code>	Sets the callback for the upload progress of message element files.
<code>TIMSetMsgReadedReceiptCallback</code>	Sets the callback for message read receipts.
<code>TIMSetMsgRevokeCallback</code>	Sets the callback for message recalls.
<code>TIMSetMsgUpdateCallback</code>	Sets the callback for message update notifications returned after messages are modified in the cloud.
<code>TIMSetMsgExtensionsChangedCallback</code>	Sets the callback for message extension changes.

<code>TIMSetMsgExtensionsDeletedCallback</code>	Sets the callback for message extension deletion.
<code>TIMSetMsgReactionsChangedCallback</code>	Sets the callback for message reaction changes.
<code>TIMSetMsgAllMessageReceiveOptionCallback</code>	Sets the callback for the global message receiving option.

## Conversation callback APIs

API	Description
<code>TIMSetConvEventCallback</code>	Sets the callback for conversation events.
<code>TIMSetConvTotalUnreadMessageCountChangedCallback</code>	Sets the callback for changes in the unread message count of a conversation.
<code>TIMSetConvUnreadMessageCountChangedByFilterCallback</code>	Sets the callback for changes in the unread message count of filtered conversations.
<code>TIMSetConvConversationGroupCreatedCallback</code>	Sets the callback for conversation group creation.
<code>TIMSetConvConversationGroupDeletedCallback</code>	Sets the callback for conversation group deletion.
<code>TIMSetConvConversationGroupNameChangedCallback</code>	Sets the callback for a conversation group name change.
<code>TIMSetConvConversationsAddedToGroupCallback</code>	Sets the callback for adding a conversation to a conversation group.
<code>TIMSetConvConversationsDeletedFromGroupCallback</code>	Sets the callback for deleting a conversation from a conversation group.

## Group callback APIs

API	Description
<code>TIMSetGroupTipsEventCallback</code>	Sets the callback for group system messages.
<code>TIMSetGroupAttributeChangedCallback</code>	Sets the callback for a group attribute change.

TIMSetGroupCounterChangedCallback	Sets the callback for a group counter change.
TIMSetGroupTopicCreatedCallback	Sets the callback for group topic creation.
TIMSetGroupTopicDeletedCallback	Sets the callback for group topic deletion.
TIMSetGroupTopicChangedCallback	Sets the callback for group topic changes.

## Community topic callback APIs

API	Description
TIMSetCommunityCreateTopicCallback	Sets the callback for community topic creation.
TIMSetCommunityDeleteTopicCallback	Sets the callback for community topic deletion.
TIMSetCommunityChangeTopicInfoCallback	Sets the callback for community topic changes.
TIMSetCommunityReceiveTopicRESTCustomDataCallback	Sets the callback for the topic custom system messages pushed by REST API.
TIMSetCommunityCreatePermissionGroupCallback	Sets the callback for permission group creation.
TIMSetCommunityDeletePermissionGroupCallback	Sets the callback for permission group deletion.
TIMSetCommunityChangePermissionGroupInfoCallback	Sets the callback for permission group information changes.
TIMSetCommunityAddMembersToPermissionGroupCallback	Sets the callback for adding a member to the permission group.
TIMSetCommunityRemoveMembersFromPermissionGroupCallback	Sets the callback for removing a member from the permission group.
TIMSetCommunityAddTopicPermissionCallback	Sets the callback for adding a topic permission to the permission group.

<code>TIMSetCommunityDeleteTopicPermissionCallback</code>	Sets the callback for deleting a topic permission from the permission group.
<code>TIMSetCommunityModifyTopicPermissionCallback</code>	Sets the callback for modifying a topic permission in the permission group.

## User profile and status callback APIs

API	Description
<code>TIMSetSelfInfoUpdatedCallback</code>	Sets the callback for one's own profile changes.
<code>TIMSetUserStatusChangedCallback</code>	Sets the callback for user status changes.
<code>TIMSetUserInfoChangedCallback</code>	Sets the callback for subscriber profile changes.

## Friend callback APIs

API	Description
<code>TIMSetOnAddFriendCallback</code>	Sets the callback for adding friends.
<code>TIMSetonDeleteFriendCallback</code>	Sets the callback for deleting friends.
<code>TIMSetUpdateFriendProfileCallback</code>	Sets the callback for updating friends' profiles.
<code>TIMSetFriendAddRequestCallback</code>	Sets the callback for friend requests.
<code>TIMSetFriendApplicationListDeletedCallback</code>	Sets the callback for deleting a friend request.
<code>TIMSetFriendApplicationListReadCallback</code>	Sets the callback for reading a friend request.
<code>TIMSetFriendBlackListAddedCallback</code>	Sets the callback for adding a friend to the blocklist.
<code>TIMSetFriendBlackListDeletedCallback</code>	Sets the callback for removing a friend from the blocklist.
<code>TIMSetFriendGroupCreatedCallback</code>	Sets the callback for friend group creation.
<code>TIMSetFriendGroupDeletedCallback</code>	Sets the callback for friend group deletion.
<code>TIMSetFriendGroupNameChangedCallback</code>	Sets the callback for a friend group name change.

<code>TIMSetFriendsAddedToGroupCallback</code>	Sets the callback for adding a friend to a friend group.
<code>TIMSetFriendsDeletedFromGroupCallback</code>	Sets the callback for deleting a friend from a friend group.

## Official account callback APIs

API	Description
<code>TIMSetOfficialAccountSubscribedCallback</code>	Sets the callback for subscribing to an official account.
<code>TIMSetOfficialAccountUnsubscribedCallback</code>	Sets the callback for unsubscribing from an official account.
<code>TIMSetOfficialAccountDeletedCallback</code>	Sets the callback for deleting an official account.
<code>TIMSetOfficialAccountInfoChangedCallback</code>	Sets the callback for subscribed official account information changes.

## Follow feature callback APIs

API	Description
<code>TIMSetMyFollowingListChangedCallback</code>	Sets the callback for my following list changes.
<code>TIMSetMyFollowersListChangedCallback</code>	Sets the callback for my followers list changes.
<code>TIMSetMutualFollowersListChangedCallback</code>	Sets the callback for mutual following list changes.

## Signaling callback APIs

API	Description
<code>TIMSetSignalingReceiveNewInvitationCallback</code>	Sets the callback for receiving a new invitation.
<code>TIMSetSignalingInvitationCancelledCallback</code>	Sets the callback for canceling an invitation.
<code>TIMSetSignalingInviteeAcceptedCallback</code>	Sets the callback for accepting an invitation by invitees.
<code>TIMSetSignalingInviteeRejectedCallback</code>	Sets the callback for rejecting an invitation by invitees.

TIMSetSignalingInvitationTimeoutCallback	Sets the callback for an invitation timeout.
TIMSetSignalingInvitationModifiedCallback	Sets the callback for modifying an invitation.

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## Initialization and Login APIs

To use the Tencent Cloud Chat service, you need to initialize the SDK and log in.

API	Description
<a href="#">InitSDK</a>	Initializes the IM SDK.
<a href="#">UnInitSDK</a>	Uninstalls the IM SDK.
<a href="#">GetVersion</a>	Gets the version number.
<a href="#">GetServerTime</a>	Gets the server time.
<a href="#">Login</a>	Logs a user in.
<a href="#">Logout</a>	Logs a user out.
<a href="#">GetLoginStatus</a>	Gets the login status.
<a href="#">GetLoginUser</a>	Gets the UserID of the current login user.

## Simple Message APIs

Use the following APIs for the sending and receiving of text and signaling (custom buffer) messages.

API	Description
<a href="#">AddSimpleMsgListener</a>	Sets an event listener for simple messages (text messages and custom messages). Do not use it and <a href="#">AddAdvancedMsgListener</a> at the same time.
<a href="#">RemoveSimpleMsgListener</a>	Removes the event listener for simple messages (text messages and custom messages).
<a href="#">SendC2CTextMessage</a>	Sends a one-to-one (C2C) text message.
<a href="#">SendC2CCustomMessage</a>	Sends a one-to-one (C2C) custom (signaling) message.
<a href="#">SendGroupTextMessage</a>	Sends a group text message.
<a href="#">SendGroupCustomMessage</a>	Sends a group custom (signaling) message.

## Signaling APIs

API	Description
AddSignalingListener	Adds a signaling listener.
RemoveSignalingListener	Removes a signaling listener.
Invite	Invites a user.
InviteInGroup	Invites certain users in the group.
Cancel	The inviter cancels the invitation.
Accept	The invitee accepts the invitation.
Reject	The invitee rejects the invitation.
GetSignalingInfo	Gets the signaling information.
AddInvitedSignaling	Adds invitation signaling (can be used for invitation signaling triggered by offline push messages for group invitations).
ModifyInvitation	Modifies the invitation signaling.

## Advanced Message APIs

If you need to send/receive rich media messages (such as image, video, and file messages) and use advanced features such as recalling messages, marking messages as read, and querying message history, use the following set of advanced message APIs. Do not use simple message APIs and advanced message APIs at the same time.

API	Description
AddAdvancedMsgListener	Sets an event listener for advanced messages. Do not use it and <a href="#">AddSimpleMsgListener</a> at the same time.
RemoveAdvancedMsgListener	Removes an event listener for advanced messages.
CreateTextMessage	Creates a text message.
CreateTextAtMessage	Creates an @ text message.
CreateCustomMessage	Creates a custom message.

<a href="#">CreateCustomMessage</a>	Creates a custom message (supports setting offline push information).
<a href="#">CreateImageMessage</a>	Creates an image message.
<a href="#">CreateSoundMessage</a>	Creates an audio message.
<a href="#">CreateVideoMessage</a>	Creates a video message.
<a href="#">CreateFileMessage</a>	Creates a file message.
<a href="#">CreateLocationMessage</a>	Creates a location message.
<a href="#">CreateFaceMessage</a>	Creates an emoji message.
<a href="#">CreateMergerMessage</a>	Creates a combined forward message.
<a href="#">CreateForwardMessage</a>	Creates a single forward message.
<a href="#">CreateTargetedGroupMessage</a>	Creates a targeted group message.
<a href="#">CreateAtSignedGroupMessage</a>	Creates an @ group message.
<a href="#">SendMessage</a>	Sends a message. The message object can be created using a <a href="#">CreateXXXMessage API</a> .
<a href="#">SetC2CReceiveMessageOpt</a>	Sets the Mute Notifications option for one-to-one messages.
<a href="#">GetC2CReceiveMessageOpt</a>	Gets the Mute Notifications status for one-to-one messages.
<a href="#">SetGroupReceiveMessageOpt</a>	Sets the Mute Notifications option for group messages.
<a href="#">SetAllReceiveMessageOpt</a>	Sets the global message receiving option (supports setting do-not-disturb times for each day).
<a href="#">SetAllReceiveMessageOpt</a>	Sets the global message receiving option.
<a href="#">GetAllReceiveMessageOpt</a>	Gets the global message receiving option of a logged-in user.
<a href="#">GetHistoryMessageList</a>	Gets message history.
<a href="#">RevokeMessage</a>	Recalls a message. The message object can be created using a <a href="#">createXXXMessage API</a> .
<a href="#">ModifyMessage</a>	Modifies a message. The message object can be created using a <a href="#">createXXXMessage API</a> .
<a href="#">MarkC2CMessageAsRead</a>	Marks one-to-one (C2C) messages as read. (It is deprecated. Please call API <a href="#">CleanConversationUnreadMessageCount</a> instead).

MarkGroupMessageAsRead	Marks group messages as read. (It is deprecated. Please call API <a href="#">CleanConversationUnreadMessageCount</a> instead).
MarkAllMessageAsRead	Marks all messages as read. (It is deprecated. Please call API <a href="#">CleanConversationUnreadMessageCount</a> instead).
DeleteMessages	Deletes messages from local storage and the cloud.
ClearC2CHistoryMessage	Clears chat history with a user from local storage and the cloud.
ClearGroupHistoryMessage	Clears chat history of a group from local storage and the cloud.
InsertGroupMessageToLocalStorage	Inserts a message in a group chat.
InsertC2CMessageToLocalStorage	Inserts a message in a one-to-one chat.
FindMessages	Finds local messages by <code>msgID</code> .
SearchLocalMessages	Searches for local messages.
SearchCloudMessages	Searches for cloud messages.
SendMessageReadReceipts	Sends message read receipts.
GetMessageReadReceipts	Gets message read receipts.
GetGroupMessageReadMemberList	Gets the list of group members who have read group messages.
setMessageExtensions	Sets message extensions.
getMessageExtensions	Gets message extensions.
deleteMessageExtensions	Deletes message extensions.
AddMessageReaction	Adds message reaction.
RemoveMessageReaction	Deletes message reaction.
GetMessageReactions	Gets message reactions.
GetAllUserListOfMessageReaction	Gets all users of message reactions by page.
pinGroupMessage	Sets group message pinning.
getPinnedGroupMessageList	Gets pinned group message list.

## Group APIs

Tencent Cloud Chat SDK supports the following preset group types, each of which pertains to different scenarios.

Work group (Work): Users can join the group only after being invited by group members. This group is similar to ordinary WeChat groups.

Public group (Public): Similar to QQ groups, users can join a public group through requests, which need to be approved by the group owner or group admin.

Meeting group (Meeting): Used together with [TRTC](#) to enable scenarios such as video conferencing and online education. Users can join and leave the group freely and view the message history before they join.

Community: Community supports up to 100,000 members and a user can join and leave a community freely without approval. It is suitable for chat scenarios with a super large number of community members, such as knowledge sharing and game discussion. This feature is supported by a client with the SDK edition V5.8 or later. To use it, you need to purchase the [premium edition](#), and then enable it via [console](#)> **Feature Configuration > Group Configuration > Group Feature Configuration > Community**.

Audio-video group (AVChatRoom): An audio-video group allows users to join and leave freely and is suitable for scenarios such as live streaming and chat rooms with on-screen comments. There is no limit on the number of group members.

API	Description
<a href="#">AddGroupListener</a>	Adds an event listener for groups.
<a href="#">RemoveGroupListener</a>	Removes an event listener for groups.
<a href="#">CreateGroup</a>	Creates a simple group.
<a href="#">CreateGroup</a>	Creates an advanced group. The group information and the initial group members can be set during group creation.
<a href="#">JoinGroup</a>	Joins a group.
<a href="#">QuitGroup</a>	Leaves a group.
<a href="#">DismissGroup</a>	Disbands a group. Only the group owner and group admin can disband a group.
<a href="#">GetJoinedGroupList</a>	Gets the list of groups the current user has joined, excluding audio-video groups.
<a href="#">GetGroupsInfo</a>	Pulls the profiles of groups.
<a href="#">SearchGroups</a>	Searches for groups.
<a href="#">SetGroupInfo</a>	Modifies the profile of a group.
<a href="#">InitGroupAttributes</a>	Initializes group attributes.

<a href="#">SetGroupAttributes</a>	Sets group attributes.
<a href="#">DeleteGroupAttributes</a>	Deletes group attributes.
<a href="#">GetGroupAttributes</a>	Gets group attributes.
<a href="#">GetGroupOnlineMemberCount</a>	Gets the number of online group members.
<a href="#">GetGroupMemberList</a>	Gets the group member list.
<a href="#">GetGroupMembersInfo</a>	Gets the profiles of specified group members.
<a href="#">SearchGroupMembers</a>	Searches for group members.
<a href="#">SetGroupMemberInfo</a>	Modifies the profile of a specified group member.
<a href="#">MuteGroupMember</a>	Mutes a group member.
<a href="#">MuteAllGroupMembers</a>	Mutes all group members. It can be called only by the administrator or group owner.
<a href="#">KickGroupMember</a>	Removes a member from a group.
<a href="#">KickGroupMember</a>	Removes a member from a group (support setting a duration for prohibiting group joining).
<a href="#">SetGroupMemberRole</a>	Sets a role for a group member.
<a href="#">markGroupMemberList</a>	Marks group members.
<a href="#">TransferGroupOwner</a>	Transfers the group ownership.
<a href="#">InviteUserToGroup</a>	Invites users to a group.
<a href="#">GetGroupApplicationList</a>	Gets the list of requests to join a group.
<a href="#">AcceptGroupApplication</a>	Approves a request to join a group.
<a href="#">RefuseGroupApplication</a>	Rejects a request to join a group.
<a href="#">SetGroupApplicationRead</a>	Marks the request list as read.
<a href="#">GetJoinedCommunityList</a>	Gets the list of communities the current user has joined.
<a href="#">CreateTopicInCommunity</a>	Creates a topic.
<a href="#">DeleteTopicFromCommunity</a>	Deletes a topic.
<a href="#">SetTopicInfo</a>	Modifies topic information.

GetTopicInfoList	Gets the list of topics.
SetGroupCounters	Sets group counters.
GetGroupCounters	Gets group counters.
IncreaseGroupCounter	Increases the group counter.
DecreaseGroupCounter	Decreases the group counter.

## Community Topic APIs

Community is used to manage group members. All topics under a community can not only share community members, but also send and receive messages independently without interfering with each other.

API	Description
AddCommunityListener	Adds an event listener for communities.
RemoveCommunityListener	Removes an event listener for communities.
CreateCommunity	Creates a community that supports a topic.
GetJoinedCommunityList	Gets the list of communities the current user has joined.
CreateTopicInCommunity	Creates a topic.
DeleteTopicFromCommunity	Deletes a topic.
SetTopicInfo	Modifies topic information.
GetTopicInfoList	Gets the list of topics.
CreatePermissionGroupInCommunity	Creates a community permission group.
DeletePermissionGroupFromCommunity	Deletes a community permission group.
ModifyPermissionGroupInfoInCommunity	Modifies a community permission group.
GetJoinedPermissionGroupListInCommunity	Gets the list of community permission groups a user has joined.
GetPermissionGroupListInCommunity	Gets a community permission group list.
AddCommunityMembersToPermissionGroup	Adds members to a community permission group.

<a href="#">RemoveCommunityMembersFromPermissionGroup</a>	Removes members from a community permission group.
<a href="#">GetCommunityMemberListInPermissionGroup</a>	Gets the list of community permission group members.
<a href="#">AddTopicPermissionToPermissionGroup</a>	Adds topic permission to the permission group.
<a href="#">DeleteTopicPermissionFromPermissionGroup</a>	Deletes topic permission from the permission group.
<a href="#">ModifyTopicPermissionInPermissionGroup</a>	Modifies the topic permission in the permission group.
<a href="#">GetTopicPermissionInPermissionGroup</a>	Gets the topic permission in the permission group.

## Conversation List APIs

The conversation list is the list a user sees on the first screen after login. It includes elements such as conversation node, conversation name, group name, last message, and unread count.

API	Description
<a href="#">AddConversationListener</a>	Adds a conversation listener.
<a href="#">RemoveConversationListener</a>	Removes a conversation listener.
<a href="#">GetConversationList</a>	Gets the conversation list.
<a href="#">GetConversation</a>	Gets a conversation.
<a href="#">GetConversationList</a>	Gets multiple conversations.
<a href="#">GetConversationListByFilter</a>	Gets multiple conversations (support filtering based on conversation type, mark type, group name, etc.).
<a href="#">getConversationListByFilter</a>	Gets the advanced conversation API to specify the conversation type, mark type, and group name.
<a href="#">DeleteConversation</a>	Deletes a conversation.
<a href="#">SetConversationDraft</a>	Sets a draft for a conversation.
<a href="#">SetConversationCustomData</a>	Sets custom conversation data.
<a href="#">PinConversation</a>	Pins a conversation to the top.
<a href="#">MarkConversation</a>	Marks a conversation.
<a href="#">GetTotalUnreadMessageCount</a>	Gets the total unread message count.

CreateConversationGroup	Creates a conversation group.
GetConversationGroupList	Gets the list of conversation groups.
DeleteConversationGroup	Deletes a conversation group.
RenameConversationGroup	Renames a conversation group.
AddConversationsToGroup	Adds a conversation to a conversation group.
DeleteConversationsFromGroup	Deletes a conversation from a conversation group.
GetUnreadMessageCountByFilter	Gets the total unread message count of conversations by filter.
SubscribeUnreadMessageCountByFilter	Subscribes to notification of total unread message count for conversations specified by filter.
UnsubscribeUnreadMessageCountByFilter	Unsubscribes from notification of total unread message count for conversations specified by filter.

## User Profile APIs

You can use the following APIs to query user profiles, modify your profile, and block messages from a specified user (that is, adding a specified user to the blocklist).

API	Description
GetUserInfo	Gets user profiles.
SetSelfInfo	Modifies one's own user profile.
SubscribeUserInfo	Subscribes to a user's profile.
UnsubscribeUserInfo	Unsubscribes from a user's profile.
GetUserStatus	Queries a user's status.
SetSelfStatus	Sets one's own status.
SubscribeUserStatus	Subscribes to a user's status.
UnsubscribeUserStatus	Unsubscribes from a user's status.
AddToBlackList	Blocks messages from a user, which means adding the user to the blocklist.
DeleteFromBlackList	Unblocks messages from a user, which means removing the user from the blocklist.

GetBlackList	Gets the blocklist.
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## Friend Management APIs

By default, Tencent Cloud Chat does not check your relationship with a user when receiving and sending messages. You can enable **Check Relationship for One-to-One Messages** on **Feature Configuration > Login and Message > Relationship Check** in the [Chat console](#) and use the following APIs to delete/add friends and manage your friends.

API	Description
AddFriendListener	Adds a contacts listener.
RemoveFriendListener	Removes a contacts listener.
GetFriendList	Gets the contacts.
GetFriendsInfo	Gets the profiles of specified friends.
SetFriendInfo	Sets the profile of a specified friend.
SearchFriends	Searches for friends.
AddFriend	Adds a friend.
DeleteFromFriendList	Deletes a friend.
CheckFriend	Checks relationship with specified users.
GetFriendApplicationList	Gets the list of friend requests.
AcceptFriendApplication	Accepts a friend request.
RefuseFriendApplication	Rejects a friend request.
DeleteFriendApplication	Deletes a friend request.
SetFriendApplicationRead	Marks a friend request as read.
CreateFriendGroup	Creates a friend list.
GetFriendGroups	Gets the information of friend lists.
DeleteFriendGroup	Deletes friend lists.
RenameFriendGroup	Modifies the name of a friend list.

AddFriendsToFriendGroup	Adds friends to a friend list.
DeleteFriendsFromFriendGroup	Deletes friends from a friend list.

## Official Account APIs

Official accounts can send broadcast messages and one-to-one (C2C) messages to subscribers.

API	Description
SubscribeOfficialAccount	Subscribes to an official account.
UnsubscribeOfficialAccount	Unsubscribes from an official account.
GetOfficialAccountsInfo	Gets a list of official accounts.

## Follow Feature APIs

The follow feature can help establish and maintain simple connections between users, facilitating interaction and communication among them.

API	Description
FollowUser	Follows users.
UnfollowUser	Unfollows users.
GetMyFollowingList	Gets my following user list.
GetMyFollowersList	Gets my follower list.
GetMutualFollowersList	Gets my mutual following user list.
GetUserFollowInfo	Gets the information of followings/followers/mutual followings of a specified user.
CheckFollowType	Checks the follow type of a specified user.