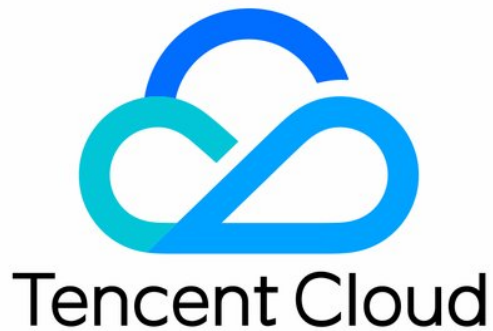


# Chat

## 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 `TSignaling`.

### 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:<br>Client to Client (C2C): A one-to-one chat, involving only two participants.<br>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.                          |

|                                        |                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>GroupMember</code>               | <code>GroupMember</code> indicates the basic information of each group member, such as the ID, nickname, role, and the time of joining the group.                                                                                             |
| <code>Group tip</code>                 | 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.                                                                          |
| <code>Group system message</code>      | 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. |
| <code>Message display on screen</code> | The sent messages, including text segments and images, are displayed on the computer or phone screen.                                                                                                                                         |

## Event

| API              | Description               |
|------------------|---------------------------|
| <code>on</code>  | Enables event listening.  |
| <code>off</code> | Disables event listening. |

## Plugin registration

| API                         | Description         |
|-----------------------------|---------------------|
| <code>registerPlugin</code> | Registers a plugin. |

## Setting log level

| API                      | Description                                                    |
|--------------------------|----------------------------------------------------------------|
| <code>setLogLevel</code> | Sets the log level. Logs below this level will not be printed. |

## SDK instance termination

| API                  | Description                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <code>destroy</code> | Terminates an SDK instance. The SDK will log out, disconnect the WebSocket persistent connection, and then release resources. |

## Login

| API | Description |
|-----|-------------|
|-----|-------------|

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

## Message

| API                                | Description                                             |
|------------------------------------|---------------------------------------------------------|
| <code>createTextMessage</code>     | Creates a text message.                                 |
| <code>createTextAtMessage</code>   | Creates a text message with the @ notification feature. |
| <code>createImageMessage</code>    | Creates an image message.                               |
| <code>createAudioMessage</code>    | Creates an audio message.                               |
| <code>createVideoMessage</code>    | Creates a video message.                                |
| <code>createCustomMessage</code>   | Creates a custom message.                               |
| <code>createFaceMessage</code>     | Creates an emoji message.                               |
| <code>createFileMessage</code>     | Creates a file message.                                 |
| <code>createLocationMessage</code> | Creates a location message.                             |
| <code>createMergerMessage</code>   | Creates a combined message.                             |
| <code>downloadMergerMessage</code> | Downloads a combined message.                           |
| <code>createForwardMessage</code>  | Creates a forward message.                              |
| <code>sendMessage</code>           | Sends a message.                                        |
| <code>revokeMessage</code>         | Recalls a message.                                      |
| <code>resendMessage</code>         | Sends a message again.                                  |
| <code>deleteMessage</code>         | Deletes a message.                                      |
| <code>translateText</code>         | 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).                                                                      |
| <code>pinConversation</code>            | Pins/Unpins a conversation to/from top.                                                                         |
| <code>setAllMessageRead</code>          | Marks the unread messages of all conversations as read.                                                         |
| <code>setMessageRemindType</code>       | Sets the conversation message notification type. You can use this API to mute notifications or reject messages. |
| <code>getTotalUnreadMessageCount</code> | Gets the total unread message count of conversations.                                                           |

## Conversation group

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

## Profile

| API                              | Description                        |
|----------------------------------|------------------------------------|
| <code>getMyProfile</code>        | Gets personal profile.             |
| <code>getUserProfile</code>      | Gets other user's profile.         |
| <code>updateMyProfile</code>     | Updates your personal profile.     |
| <code>getBlacklist</code>        | Gets your blacklist.               |
| <code>addToBlacklist</code>      | Adds a user to the blacklist.      |
| <code>removeFromBlacklist</code> | Removes a user from the blacklist. |



## User status

| API                                | Description                        |
|------------------------------------|------------------------------------|
| <code>setSelfStatus</code>         | Sets one's own custom status.      |
| <code>getUserStatus</code>         | Queries a user's status.           |
| <code>subscribeUserStatus</code>   | Subscribes to a user's status.     |
| <code>unsubscribeUserStatus</code> | Unsubscribes from a user's status. |

## Relationship Chain

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

`renameFriendGroup`

Modifies the name of a friend group.

## Group

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

## Group member

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

## Topic

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

## Signaling

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

|                               |                                     |
|-------------------------------|-------------------------------------|
| <code>accept</code>           | The invitee accepts the invitation. |
| <code>reject</code>           | The invitee rejects the invitation. |
| <code>getSignalingInfo</code> | Gets signaling info from a message. |
| <code>modifyInvitation</code> | 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. |
|                                        |                                                                                                                        |

|                                            |                                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------|
| <a href="#">removeAdvancedMsgListener</a>  | Removes the event listener for advanced messages.                                               |
| <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="#">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 a group @ message.                                                                      |
| <a href="#">sendMessage</a>                | Sends a message. The message object can be created using a <code>createXXXMessage</code> API.   |
| <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 Mute Notifications status for global messages (daily repetition allowed).              |
| <a href="#">setAllReceiveMessageOpt</a>    | Sets the Mute Notifications status for global messages.                                         |
| <a href="#">getAllReceiveMessageOpt</a>    | Gets the Mute Notifications status for global messages.                                         |
| <a href="#">getC2CHistoryMessageList</a>   | Gets one-to-one (C2C) message history.                                                          |
| <a href="#">getGroupHistoryMessageList</a> | Gets the group message history.                                                                 |
| <a href="#">getHistoryMessageList</a>      | Gets message history.                                                                           |
| <a href="#">revokeMessage</a>              | 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.                                                                                       |



|                                           |                                 |
|-------------------------------------------|---------------------------------|
| <a href="#">pinGroupMessage</a>           | Sets group message pinning.     |
| <a href="#">getPinnedGroupMessageList</a> | 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.                                 |

|                                           |                                                                                     |
|-------------------------------------------|-------------------------------------------------------------------------------------|
| <a href="#">getGroupsInfo</a>             | Pulls the profiles of groups.                                                       |
| <a href="#">searchGroups</a>              | Searches for groups.                                                                |
| <a href="#">setGroupInfo</a>              | Modifies a group profile.                                                           |
| <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="#">setGroupCounters</a>          | Sets group counters.                                                                |
| <a href="#">getGroupCounters</a>          | Gets group counters.                                                                |
| <a href="#">increaseGroupCounter</a>      | Increment group counters.                                                           |
| <a href="#">decreaseGroupCounter</a>      | Decrement group counters.                                                           |
| <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 group members.                                                                |
| <a href="#">muteAllGroupMembers</a>       | Mute all group members. Only administrators or group owners can call this function. |
| <a href="#">kickGroupMember</a>           | Removes a member from a group.                                                      |
| <a href="#">setGroupMemberRole</a>        | Sets the role of 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 community groups 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.                                    |
| <a href="#">getTopicInfoList</a>         | 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                                                                       |
|------------------------------------------------------|-----------------------------------------------------------------------------------|
| <a href="#">addCommunityListener</a>                 | Adds a community listener.                                                        |
| <a href="#">removeCommunityListener</a>              | Removes a community listener.                                                     |
| <a href="#">createCommunity</a>                      | Creates a community with topic support.                                           |
| <a href="#">getJoinedCommunityList</a>               | Gets the list of communities with topic support that 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.                                                       |
| <a href="#">getTopicInfoList</a>                     | Gets a topic list.                                                                |
| <a href="#">createPermissionGroupInCommunity</a>     | Creates a community permission group.                                             |
| <a href="#">deletePermissionGroupFromCommunity</a>   | Deletes a community permission group.                                             |
| <a href="#">modifyPermissionGroupInfoInCommunity</a> | 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.           |

|                                              |                                           |
|----------------------------------------------|-------------------------------------------|
| <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.            |
| <a href="#">deleteFriendsFromFriendGroup</a> | Removes friends from a friend list.       |
| <a href="#">subscribeOfficialAccount</a>     | Subscribes to official accounts.          |
| <a href="#">unsubscribeOfficialAccount</a>   | Unsubscribes from official accounts.      |
| <a href="#">getOfficialAccountsInfo</a>      | Gets the list of official accounts.       |
| <a href="#">followUser</a>                   | Follows users.                            |
| <a href="#">unfollowUser</a>                 | Unfollows users.                          |
| <a href="#">getMyFollowingList</a>           | Gets my follow list.                      |
| <a href="#">getMyFollowersList</a>           | Gets my fan list.                         |
| <a href="#">getMutualFollowersList</a>       | 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

Last updated : 2024-08-20 17:07:42

## 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. |

|                                            |                                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------|
| <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="#">createAtSignedGroupMessage</a> | Creates a group @ message.                                                                      |
| <a href="#">sendMessage</a>                | Sends a message. The message object can be created using a <code>createXXXMessage</code> API.   |
| <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 the one-to-one chat (C2C) message history                                                  |
| <a href="#">getGroupHistoryMessageList</a> | Gets the group chat message history                                                             |
| <a href="#">getHistoryMessageList</a>      | Gets the message history.                                                                       |
| <a href="#">revokeMessage</a>              | 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 chat (C2C) messages as read                                                    |
|                                            |                                                                                                 |

|                                                  |                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">markGroupMessageAsRead</a>           | Marks group messages as read                                      |
| <a href="#">markAllMessageAsRead</a>             | Marks all conversations as read.                                  |
| <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="#">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.                           |
| <a href="#">translateText</a>                    | Translates a text message.                                        |
| <a href="#">pinGroupMessage</a>                  | Sets group message pinning.                                       |
| <a href="#">getPinnedGroupMessageList</a>        | 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.                                                                                                                                    |
|                                     |                                                                                                                                                         |

|                                           |                                                                |
|-------------------------------------------|----------------------------------------------------------------|
| <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 by profile.                         |
| <a href="#">setGroupMemberInfo</a>        | Modifies the profile of a specified group member               |
| <a href="#">muteGroupMember</a>           | Mutes a group member.                                          |
| <a href="#">inviteUserToGroup</a>         | Invites users to a group                                       |
| <a href="#">kickGroupMember</a>           | Removes a member from a group.                                 |
| <a href="#">setGroupMemberRole</a>        | Sets a role for a group member.                                |
| <a href="#">markGroupMemberList</a>       | Marks group members.                                           |
| <a href="#">transferGroupOwner</a>        | Transfers the ownership of a group                             |
| <a href="#">getGroupApplicationList</a>   | Gets the list of applications to join a group                  |
| <a href="#">acceptGroupApplication</a>    | Accepts an application to join a group                         |
| <a href="#">refuseGroupApplication</a>    | Rejects a request to join a group.                             |
| <a href="#">setGroupApplicationRead</a>   | Marks the application list as read                             |
| <a href="#">getJoinedCommunityList</a>    | Gets the list of community groups 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.                                    |
| <a href="#">getTopicInfoList</a>          | 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="#">getBlockList</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</a> API.                       |
| <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.                                                                                                  |

|                                                  |                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------|
| <a href="#">revokeMessage</a>                    | Recalls a message. The message object can be created using a createXXXMessage API.  |
| <a href="#">modifyMessage</a>                    | Modifies a message. The message object can be created using a createXXXMessage API. |
| <a href="#">markC2CMessageAsRead</a>             | Marks one-to-one (C2C) messages as read.                                            |
| <a href="#">markGroupMessageAsRead</a>           | Marks group messages as read.                                                       |
| <a href="#">markAllMessageAsRead</a>             | Marks all messages as read.                                                         |
| <a href="#">deleteMessageFromLocalStorage</a>    | Deletes a message from 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 msgID.                                                      |
| <a href="#">searchLocalMessages</a>              | Searches for local messages.                                                        |
| <a href="#">sendMessageReadReceipts</a>          | Sends read receipts to the message sender for message which have been received.     |
| <a href="#">getMessageReadReceipts</a>           | Gets read receipts for messages which have been sent by myself.                     |
| <a href="#">getGroupMessageReadMemberList</a>    | Gets group members profile who have read this message.                              |
| <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.                                             |
| <a href="#">pinGroupMessage</a>                  | Sets group message pinning.                                                         |

|                                           |                                 |
|-------------------------------------------|---------------------------------|
| <a href="#">getPinnedGroupMessageList</a> | 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.                                                                                          |

|                                           |                                                                    |
|-------------------------------------------|--------------------------------------------------------------------|
| <a href="#">getGroupAttributes</a>        | Gets group attributes.                                             |
| <a href="#">getGroupOnlineMemberCount</a> | Gets the number of online group members.                           |
| <a href="#">getGroupMemberList</a>        | Gets 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="#">inviteUserToGroup</a>         | Invites users to a group.                                          |
| <a href="#">kickGroupMember</a>           | Removes a member from a group.                                     |
| <a href="#">setGroupMemberRole</a>        | Sets the role for a group member.                                  |
| <a href="#">markGroupMemberList</a>       | Mark group member list .                                           |
| <a href="#">transferGroupOwner</a>        | Changes the group owner.                                           |
| <a href="#">getGroupApplicationList</a>   | Gets the list of requests to join a group.                         |
| <a href="#">acceptGroupApplication</a>    | Accepts 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 Community-groups that the current user has joined |
| <a href="#">createTopicInCommunity</a>    | Creates topic                                                      |
| <a href="#">deleteTopicFromCommunity</a>  | Deletes topic                                                      |
| <a href="#">setTopicInfo</a>              | Modifies topic information                                         |
| <a href="#">getTopicInfoList</a>          | 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 blacklist).

| 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.                                                               |
|                                      |                                                                              |

|                                              |                                           |
|----------------------------------------------|-------------------------------------------|
| <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="#">getFriendGroupList</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.            |
| <a href="#">deleteFriendsFromFriendGroup</a> | 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. |
|                                       |                             |

|                                            |                                   |
|--------------------------------------------|-----------------------------------|
| <a href="#">createForwardMessage</a>       | Creates a forward message.        |
| <a href="#">createTargetedGroupMessage</a> | Creates a targeted group message. |
| <a href="#">appendMessage</a>              | 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                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <a href="#">addAdvancedMsgListener</a>           | Sets an event listener for advanced messages.                                                             |
| <a href="#">removeAdvancedMsgListener</a>        | Removes the event listener for advanced messages.                                                         |
| <a href="#">getC2CHistoryMessageList</a>         | Gets historical one-to-one (C2C) messages.                                                                |
| <a href="#">getHistoryMessageList</a>            | Gets historical messages (advanced API).                                                                  |
| <a href="#">getGroupHistoryMessageList</a>       | Gets historical group messages.                                                                           |
| <a href="#">markC2CMessageAsRead</a>             | Marks one-to-one (C2C) messages as read.                                                                  |
| <a href="#">markGroupMessageAsRead</a>           | Marks group messages as read.                                                                             |
| <a href="#">markAllMessageAsRead</a>             | Marks all messages as read.                                                                               |
| <a href="#">deleteMessageFromLocalStorage</a>    | Deletes a message from the local storage.                                                                 |
| <a href="#">deleteMessages</a>                   | Deletes local and roaming messages.                                                                       |
| <a href="#">insertGroupMessageToLocalStorage</a> | Adds a message to the message list of a group chat.                                                       |
| <a href="#">insertC2CMessageToLocalStorage</a>   | Adds a message to the message list of a one-to-one chat.                                                  |
| <a href="#">clearC2CHistoryMessage</a>           | Clears the chat history with a user from local storage and the cloud (without deleting the conversation). |
| <a href="#">clearGroupHistoryMessage</a>         | Clears the chat history of a group from local storage and the cloud (without deleting the conversation).  |
| <a href="#">downloadMergerMessage</a>            | 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.)                                   |
| <a href="#">getGroupMemberList</a>       | Gets the group member list.                                    |
| <a href="#">getGroupMembersInfo</a>      | Gets the profiles of specified group members.                  |
| <a href="#">setGroupMemberInfo</a>       | Modifies the profile of a specified group member.              |
| <a href="#">searchGroupMembers</a>       | Searches for group members.                                    |
| <a href="#">muteGroupMember</a>          | Mutes a group member.                                          |
| <a href="#">kickGroupMember</a>          | Removes members from a group.                                  |
| <a href="#">setGroupMemberRole</a>       | Sets a role for a group member.                                |
| <a href="#">transferGroupOwner</a>       | Transfers the ownership of a group.                            |
| <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>   | Accepts 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 community groups the current user has joined. |
| <a href="#">createTopicInCommunity</a>   | Creates a topic.                                               |
| <a href="#">deleteTopicFromCommunity</a> | Deletes a topic.                                               |
| <a href="#">setTopicInfo</a>             | Sets topic attributes.                                         |
| <a href="#">getTopicInfoList</a>         | 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               |
|-----------------------------------------|---------------------------|
| <a href="#">addConversationListener</a> | Adds a contacts listener. |
|                                         |                           |

|                                                     |                                                               |
|-----------------------------------------------------|---------------------------------------------------------------|
| <a href="#">removeConversationListener</a>          | Removes a contacts listener.                                  |
| <a href="#">setConversationListener</a>             | Sets a conversation listener.                                 |
| <a href="#">getConversationList</a>                 | Gets the conversation list.                                   |
| <a href="#">getConversationListByConversaionIds</a> | Gets the list of specified conversations by conversation IDs. |
| <a href="#">pinConversation</a>                     | Pins a conversation to the top.                               |
| <a href="#">getTotalUnreadMessageCount</a>          | Gets the total unread message count of a conversation.        |
| <a href="#">getConversation</a>                     | Gets a specified conversation.                                |
| <a href="#">deleteConversation</a>                  | Deletes a conversation.                                       |
| <a href="#">setConversationDraft</a>                | 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 blacklist).

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

## 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="#">setAPNSListener</a>      | Sets the APNs offline push listener. |
| <a href="#">doBackground</a>         | Configures offline push.             |
| <a href="#">doForeground</a>         | Configures offline push.             |
| <a href="#">setOfflinePushConfig</a> | 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                                                             |
|------------------------------------------|-------------------------------------------------------------------------|
| <a href="#">setFriendListener</a>        | Sets a contacts listener to receive friend and blocklist change events. |
| <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="#">addFriend</a>                | Adds a friend.                                                          |
| <a href="#">deleteFromFriendList</a>     | Deletes friends.                                                        |
| <a href="#">checkFriend</a>              | Checks your relationship with a specified user.                         |
| <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 a friend list.                |
| <a href="#">renameFriendGroup</a>            | Modifies the name of a friend list.   |
| <a href="#">addFriendsToFriendGroup</a>      | Adds friends to a friend list.        |
| <a href="#">deleteFriendsFromFriendGroup</a> | Deletes friends from a friend list.   |
| <a href="#">searchFriends</a>                | Searches for friends.                 |

# Electron

Last updated : 2024-05-20 15:43:47

## 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                     |
|----------------------------------|---------------------------------|
| <a href="#">TIMInit</a>          | Initializes the Chat SDK.       |
| <a href="#">TIMUninit</a>        | Uninstalls the Chat SDK.        |
| <a href="#">TIMGetSDKVersion</a> | Gets Chat SDK version number.   |
| <a href="#">TIMSetConfig</a>     | Sets extra user configurations. |

## Login and Logout APIs

| API                       | Description |
|---------------------------|-------------|
| <a href="#">TIMLogin</a>  | Logs in.    |
| <a href="#">TIMLogout</a> | Logs out.   |

## Conversation APIs

| API                                               | Description                                               |
|---------------------------------------------------|-----------------------------------------------------------|
| <a href="#">TIMConvCreate</a>                     | Creates a conversation.                                   |
| <a href="#">TIMConvDelete</a>                     | Deletes a conversation.                                   |
| <a href="#">TIMConvGetConvList</a>                | Gets the conversation list of recent contacts.            |
| <a href="#">TIMConvSetDraft</a>                   | Sets the draft of a conversation.                         |
| <a href="#">TIMConvCancelDraft</a>                | Deletes the draft of a conversation.                      |
| <a href="#">TIMConvGetConvInfo</a>                | Gets a conversation list.                                 |
| <a href="#">TIMConvGetTotalUnreadMessageCount</a> | Gets the total unread message count of all conversations. |
| <a href="#">TIMConvPinConversation</a>            | 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                                     |
|-----------------------------------------------|-------------------------------------------------|
| <a href="#">TIMGroupCreate</a>                | Creates a group.                                |
| <a href="#">TIMGroupDelete</a>                | Disbands a group.                               |
| <a href="#">TIMGroupDeleteGroupAttributes</a> | Deletes group attributes.                       |
| <a href="#">TIMGroupDeleteMember</a>          | Deletes a group member.                         |
| <a href="#">TIMGroupGetGroupAttributes</a>    | Gets specified group attributes.                |
| <a href="#">TIMGroupGetGroupInfoList</a>      | Gets group information.                         |
| <a href="#">TIMGroupGetJoinedGroupList</a>    | Gets the list of groups that a user has joined. |
| <a href="#">TIMGroupGetMemberInfoList</a>     | Gets group member information.                  |
| <a href="#">TIMGroupGetOnlineMemberCount</a>  | Gets the number of online members of a group.   |
| <a href="#">TIMGroupGetPendencyList</a>       | Gets the list of pending group requests.        |
| <a href="#">TIMGroupHandlePendency</a>        | Handles pending group requests.                 |
| <a href="#">TIMGroupInitGroupAttributes</a>   | Initializes group attributes.                   |
| <a href="#">TIMGroupInviteMember</a>          | Invites someone to join a group.                |
| <a href="#">TIMGroupJoin</a>                  | Requests to join a group.                       |
| <a href="#">TIMGroupModifyGroupInfo</a>       | Modifies group information.                     |
| <a href="#">TIMGroupModifyMemberInfo</a>      | Modifies group member information.              |
| <a href="#">TIMGroupQuit</a>                  | Leaves a group.                                 |
| <a href="#">TIMGroupReportPendencyReaded</a>  | Reports that a pending group request is read.   |
| <a href="#">TIMGroupSearchGroupMembers</a>    | Searches for group members.                     |
| <a href="#">TIMGroupSearchGroups</a>          | Searches for groups.                            |
| <a href="#">TIMGroupSetGroupAttributes</a>    | Sets group attributes.                          |



|                                                     |                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------|
| <a href="#">TIMMsgGetGroupMessageReadMemberList</a> | Gets the list of members who have or have not read the group message. |
| <a href="#">TIMMsgGetMessageReadReceipts</a>        | Gets message read receipts.                                           |
| <a href="#">TIMMsgSendMessageReadReceipts</a>       | Sends message read receipts.                                          |

## User Profile APIs

| API                                             | Description                           |
|-------------------------------------------------|---------------------------------------|
| <a href="#">TIMProfileGetUserProfileList</a>    | Gets the profiles of specified users. |
| <a href="#">TIMProfileModifySelfUserProfile</a> | Modifies one's own profile.           |

## Relationship Chain APIs

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

|                                                     |                                                |
|-----------------------------------------------------|------------------------------------------------|
| <a href="#">TIMFriendshipHandleFriendAddRequest</a> | Handles a friend request.                      |
| <a href="#">TIMFriendshipModifyFriendGroup</a>      | Modifies a friend list.                        |
| <a href="#">TIMFriendshipModifyFriendProfile</a>    | Updates friends' profiles (such as remarks).   |
| <a href="#">TIMFriendshipReportPendencyReaded</a>   | Reports that a pending friend request is read. |
| <a href="#">TIMFriendshipSearchFriends</a>          | 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 blacklist.      |
| <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 blacklist. |
|                                               |                                    |

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| FriendshipDeletePendency         | Deletes a pending friend request.              |
| FriendshipGetBlackList           | Gets the blocklist.                            |
| FriendshipGetFriendGroupList     | Gets the information of a friend list.         |
| FriendshipGetFriendProfileList   | Gets the profiles of all friends.              |
| FriendshipGetFriendsInfo         | Gets the information of friends.               |
| FriendshipGetPendencyList        | Gets the list of pending group requests.       |
| FriendshipHandleFriendAddRequest | Handles a friend request.                      |
| FriendshipModifyFriendGroup      | Modifies a friend list.                        |
| FriendshipModifyFriendProfile    | Modifies the profile of a friend.              |
| FriendshipReportPendencyReaded   | Reports that a pending friend request is read. |
| FriendshipSearchFriends          | Searches for friends.                          |

## Group APIs

| API                           | Description                                                    |
|-------------------------------|----------------------------------------------------------------|
| GroupCreate                   | Creates a group.                                               |
| GroupCreateTopicInCommunity   | Creates a topic.                                               |
| GroupDelete                   | Disbands a group.                                              |
| GroupDeleteGroupAttributes    | Deletes custom group attributes.                               |
| GroupDeleteMember             | Deletes a group member.                                        |
| GroupDeleteTopicFromCommunity | Deletes a topic.                                               |
| GroupGetGroupAttributes       | Gets group attributes.                                         |
| GroupGetGroupInfoList         | Gets group information.                                        |
| GroupGetJoinedCommunityList   | Gets the list of community groups the current user has joined. |
| GroupGetJoinedGroupList       | Gets the list of groups that a user has joined.                |
| GroupGetMemberInfoList        | Gets group member information.                                 |

|                                           |                                               |
|-------------------------------------------|-----------------------------------------------|
| <a href="#">GroupGetOnlineMemberCount</a> | Gets the number of online group members.      |
| <a href="#">GroupGetPendencyList</a>      | Gets the list of pending group requests.      |
| <a href="#">GroupGetTopicInfoList</a>     | Gets the list of topics.                      |
| <a href="#">GroupHandlePendency</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="#">GroupReportPendencyReaded</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                            |
|--------------------------------|----------------------------------------|
| <a href="#">GetLoginStatus</a> | Gets the current login status.         |
| <a href="#">GetLoginUserID</a> | Gets the ID of the current login user. |
| <a href="#">Login</a>          | Logs in.                               |
| <a href="#">Logout</a>         | Logs out.                              |

## Message APIs

| API                                              | Description                                                                          |
|--------------------------------------------------|--------------------------------------------------------------------------------------|
| <a href="#">GetMsgGroupMessageReadMemberList</a> | Gets the list of members who have read the group message.                            |
| <a href="#">MsgBatchSend</a>                     | Sends a message to multiple users at a time.                                         |
| <a href="#">MsgCancelSend</a>                    | Cancels the sending of a message.                                                    |
| <a href="#">MsgClearHistoryMessage</a>           | Clears historical messages.                                                          |
| <a href="#">MsgDelete</a>                        | Deletes the messages of a conversation.                                              |
| <a href="#">MsgDoBackground</a>                  | This API can be called when the app detects that the app switches to the background. |
| <a href="#">MsgDoForeground</a>                  | This API can be called when the app detects that the app switches to the foreground. |
| <a href="#">MsgDownloadElemToPath</a>            | Downloads a multimedia message.                                                      |
| <a href="#">MsgDownloadMergerMessage</a>         | Downloads a combined message.                                                        |
| <a href="#">MsgFindByMsgLocatorList</a>          | Locates a message by using a message locator.                                        |
| <a href="#">MsgFindMessages</a>                  | Locates local messages.                                                              |
| <a href="#">MsgGetC2CReceiveMessageOpt</a>       | Gets the message receiving option for a one-to-one chat.                             |
| <a href="#">MsgGetMessageReadReceipts</a>        | Gets message read receipts.                                                          |
| <a href="#">MsgGetMsgList</a>                    | 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="#">ProfileGetUserProfileList</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                                                                                           |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <a href="#">AddRecvNewMsgCallback</a>                         | Adds the callback for receiving new messages.                                                         |
| <a href="#">RemoveRecvNewMsgCallback</a>                      | Removes the callback for receiving new messages.                                                      |
| <a href="#">SetConvEventCallback</a>                          | Sets the callback for conversation events.                                                            |
| <a href="#">SetConvTotalUnreadMessageCountChangedCallback</a> | Sets the callback for a change in the total unread message count of conversations.                    |
| <a href="#">SetFriendAddRequestCallback</a>                   | Sets the callback for friend requests.                                                                |
| <a href="#">SetFriendApplicationListDeletedCallback</a>       | Sets the callback for deleting a friend request.                                                      |
| <a href="#">SetFriendApplicationListReadCallback</a>          | Sets the callback for reading a friend request.                                                       |
| <a href="#">SetFriendBlackListAddedCallback</a>               | Sets the callback for adding a friend to the blocklist.                                               |
| <a href="#">SetFriendBlackListDeletedCallback</a>             | Sets the callback for removing a friend from the blocklist.                                           |
| <a href="#">SetGroupAttributeChangedCallback</a>              | Sets the callback for a group attribute change.                                                       |
| <a href="#">SetGroupTipsEventCallback</a>                     | Sets the callback for group system messages.                                                          |
| <a href="#">SetGroupTopicChangedCallback</a>                  | Sets the callback for topic updates.                                                                  |
| <a href="#">SetGroupTopicCreatedCallback</a>                  | Sets the callback for topic creation.                                                                 |
| <a href="#">SetGroupTopicDeletedCallback</a>                  | Sets the callback for topic deletion.                                                                 |
| <a href="#">SetKickedOfflineCallback</a>                      | Sets the callback for notifications of forced logout.                                                 |
| <a href="#">SetLogCallback</a>                                | Sets the callback for logs.                                                                           |
| <a href="#">SetMsgElemUploadProgressCallback</a>              | Sets the callback for the upload progress of message element files.                                   |
| <a href="#">SetMsgReadedReceiptCallback</a>                   | Sets the callback for message read receipts.                                                          |
| <a href="#">SetMsgRevokeCallback</a>                          | Sets the callback for message recalls.                                                                |
| <a href="#">SetMsgUpdateCallback</a>                          | Sets the callback for message update notifications returned after messages are modified in the cloud. |
| <a href="#">SetNetworkStatusListenerCallback</a>              | Sets the callback for network connection status.                                                      |
| <a href="#">SetOnAddFriendCallback</a>                        | 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

Last updated : 2024-08-20 17:07:42

## 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. |
|                                      |                                     |

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| <a href="#">reject</a>                  | The invitee rejects the invitation. |
| <a href="#">removeSignalingListener</a> | Removes a signaling listener.       |

## Message APIs

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

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

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

## Group APIs

| API                              | Description                        |
|----------------------------------|------------------------------------|
| <a href="#">addGroupListener</a> | Adds an event listener for groups. |
| <a href="#">dismissGroup</a>     | Disbands a group.                  |
| <a href="#">joinGroup</a>        | Joins a group.                     |
| <a href="#">quitGroup</a>        | Leaves a group.                    |

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

Last updated : 2024-06-19 16:25:37

## IM SDK Initialization APIs

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

| API                           | Description                     |
|-------------------------------|---------------------------------|
| <code>TIMInit</code>          | Initializes the IM SDK.         |
| <code>TIMUninit</code>        | Uninstalls the IM SDK.          |
| <code>TIMGetSDKVersion</code> | Gets IM SDK version number.     |
| <code>TIMGetServerTime</code> | Gets the current server time.   |
| <code>TIMSetConfig</code>     | Sets extra user configurations. |

## Login and Logout APIs

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

## Message APIs

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

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

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

|                                                           |                                                                                                     |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <code>TIMConvGetConversationListByFilter</code>           | An advanced API for getting the conversation list.                                                  |
| <code>TIMConvDelete</code>                                | Deletes a conversation.                                                                             |
| <code>TIMConvDeleteConversationList</code>                | Deletes the conversation list.                                                                      |
| <code>TIMConvSetDraft</code>                              | Sets the draft for a conversation.                                                                  |
| <code>TIMConvCancelDraft</code>                           | Deletes the draft for a conversation.                                                               |
| <code>TIMConvSetConversationCustomData</code>             | Sets custom conversation data.                                                                      |
| <code>TIMConvPinConversation</code>                       | Pins a conversation to the top.                                                                     |
| <code>TIMConvMarkConversation</code>                      | Marks a conversation.                                                                               |
| <code>TIMConvGetTotalUnreadMessageCount</code>            | Gets the total unread message count of all conversations.                                           |
| <code>TIMConvGetUnreadMessageCountByFilter</code>         | Gets the total unread message count by filter.                                                      |
| <code>TIMConvSubscribeUnreadMessageCountByFilter</code>   | Subscribes to notification of total unread message count for conversations specified by filter.     |
| <code>TIMConvUnsubscribeUnreadMessageCountByFilter</code> | Unsubscribes from notification of total unread message count for conversations specified by filter. |
| <code>TIMConvCleanConversationUnreadMessageCount</code>   | Cleans up the unread message count of the conversation.                                             |
| <code>TIMConvCreateConversationGroup</code>               | Creates a conversation group.                                                                       |
| <code>TIMConvGetConversationGroupList</code>              | Gets the list of conversation groups.                                                               |
| <code>TIMConvDeleteConversationGroup</code>               | Deletes a conversation group.                                                                       |
| <code>TIMConvRenameConversationGroup</code>               | Renames a conversation group.                                                                       |
| <code>TIMConvAddConversationsToGroup</code>               | Adds a conversation to a conversation group.                                                        |
| <code>TIMConvDeleteConversationsFromGroup</code>          | 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                                                                                                         |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <code>TIMGroupCreate</code>                | Creates a group.                                                                                                    |
| <code>TIMGroupDelete</code>                | Deletes or dissolves a group.                                                                                       |
| <code>TIMGroupJoin</code>                  | Requests to join a group.                                                                                           |
| <code>TIMGroupQuit</code>                  | Quits a group.                                                                                                      |
| <code>TIMGroupGetJoinedGroupList</code>    | Gets the list of groups that a user has joined.                                                                     |
| <code>TIMGroupGetGroupInfoList</code>      | Gets group information.                                                                                             |
| <code>TIMGroupSearchGroups</code>          | Searches for groups.                                                                                                |
| <code>TIMGroupModifyGroupInfo</code>       | Modifies group information.                                                                                         |
| <code>TIMGroupInitGroupAttributes</code>   | Initializes the group attributes to clear the existing group attribute list.                                        |
| <code>TIMGroupSetGroupAttributes</code>    | Sets group attributes. If a group attribute already exists, its value will be updated; otherwise, it will be added. |
| <code>TIMGroupDeleteGroupAttributes</code> | Deletes group attributes.                                                                                           |
|                                            |                                                                                                                     |

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

## Community Topic APIs

| API | Description |
|-----|-------------|
|-----|-------------|

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

`TIMCommunityGetTopicPermissionInPermissionGroup`

Gets the topic permission in the permission group.

## User Profile APIs

| API                                          | Description                             |
|----------------------------------------------|-----------------------------------------|
| <code>TIMProfileGetUserProfileList</code>    | Gets users' profiles.                   |
| <code>TIMProfileModifySelfUserProfile</code> | Modifies one's own profile.             |
| <code>TIMSubscribeUserInfo</code>            | Subscribes to a stranger's profile.     |
| <code>TIMUnsubscribeUserInfo</code>          | Unsubscribes from a stranger's profile. |

## User Status APIs

| API                                   | Description                        |
|---------------------------------------|------------------------------------|
| <code>TIMGetUserStatus</code>         | Gets user status information.      |
| <code>TIMSetSelfStatus</code>         | Sets one's own status.             |
| <code>TIMSubscribeUserStatus</code>   | Subscribes to a user's status.     |
| <code>TIMUnsubscribeUserStatus</code> | 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                  |
|------------------------------------------------|------------------------------|
| <code>TIMFriendshipGetFriendProfileList</code> | Gets the contacts.           |
| <code>TIMFriendshipGetFriendsInfo</code>       | Gets information of friends. |
|                                                |                              |



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

## Official Account APIs

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

| API                                        | Description                            |
|--------------------------------------------|----------------------------------------|
| <code>TIMSubscribeOfficialAccount</code>   | Subscribes to an official account.     |
| <code>TIMUnsubscribeOfficialAccount</code> | Unsubscribes from an official account. |
| <code>TIMGetOfficialAccountsInfo</code>    | 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                                                                         |
|----------------------------------------|-------------------------------------------------------------------------------------|
| <code>TIMFollowUser</code>             | Follows users.                                                                      |
| <code>TIMUnfollowUser</code>           | Unfollows users.                                                                    |
| <code>TIMGetMyFollowingList</code>     | Gets my following user list.                                                        |
| <code>TIMGetMyFollowersList</code>     | Gets my follower list.                                                              |
| <code>TIMGetMutualFollowersList</code> | Gets my mutual following user list.                                                 |
| <code>TIMGetUserFollowInfo</code>      | Gets the information of followings/followers/mutual followings of a specified user. |
| <code>TIMCheckFollowType</code>        | Checks the follow type of a specified user.                                         |

## Offline Push APIs

| API                                    | Description                                                                                                                                                                        |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>TIMMsgSetOfflinePushToken</code> | Sets offline push configuration information (for iOS and Android platforms only).                                                                                                  |
| <code>TIMMsgDoBackground</code>        | 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. |
| <code>TIMMsgDoForeground</code>        | Called when the app detects that the app switches to the foreground (for iOS and Android platforms only).                                                                          |

## Signaling APIs

| API                             | Description     |
|---------------------------------|-----------------|
| <code>TIMSignalingInvite</code> | Invites a user. |

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| <code>TIMSignalingInviteInGroup</code>    | Invites certain users in the group. |
| <code>TIMSignalingCancel</code>           | Cancels an invitation.              |
| <code>TIMSignalingAccept</code>           | Accepts an invitation.              |
| <code>TIMSignalingReject</code>           | Rejects an invitation.              |
| <code>TIMGetSignalingInfo</code>          | Gets the signaling information.     |
| <code>TIMSignalingModifyInvitation</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. |

|                                                |                                               |
|------------------------------------------------|-----------------------------------------------|
| <code>TIMSetGroupCounterChangedCallback</code> | Sets the callback for a group counter change. |
| <code>TIMSetGroupTopicCreatedCallback</code>   | Sets the callback for group topic creation.   |
| <code>TIMSetGroupTopicDeletedCallback</code>   | Sets the callback for group topic deletion.   |
| <code>TIMSetGroupTopicChangedCallback</code>   | Sets the callback for group topic changes.    |

## Community topic callback APIs

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

|                                                        |                                                |
|--------------------------------------------------------|------------------------------------------------|
| <code>TIMSetSignalingInvitationTimeoutCallback</code>  | Sets the callback for an invitation timeout.   |
| <code>TIMSetSignalingInvitationModifiedCallback</code> | Sets the callback for modifying an invitation. |



# C++

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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                                                                                                                |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <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 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. |
| <a href="#">RemoveAdvancedMsgListener</a> | Removes an event 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="#">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 <code>CreateXXXMessage</code> API.                                             |
| <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 <code>createXXXMessage</code> API.                                           |
| <a href="#">ModifyMessage</a>              | Modifies a message. The message object can be created using a <code>createXXXMessage</code> API.                                          |
| <a href="#">MarkC2CMessageAsRead</a>       | Marks one-to-one (C2C) messages as read. (It is deprecated. Please call API <a href="#">CleanConversationUnreadMessageCount</a> instead). |

|                                                  |                                                                                                                                |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">MarkGroupMessageAsRead</a>           | Marks group messages as read. (It is deprecated. Please call API <a href="#">CleanConversationUnreadMessageCount</a> instead). |
| <a href="#">MarkAllMessageAsRead</a>             | Marks all messages as read. (It is deprecated. Please call API <a href="#">CleanConversationUnreadMessageCount</a> instead).   |
| <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>              | Searches 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>            | Deletes message reaction.                                                                                                      |
| <a href="#">GetMessageReactions</a>              | Gets message reactions.                                                                                                        |
| <a href="#">GetAllUserListOfMessageReaction</a>  | Gets all users of message reactions by page.                                                                                   |
| <a href="#">pinGroupMessage</a>                  | Sets group message pinning.                                                                                                    |
| <a href="#">getPinnedGroupMessageList</a>        | 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.                                                               |
|                                           |                                                                                           |

|                                      |                              |
|--------------------------------------|------------------------------|
| <a href="#">GetTopicInfoList</a>     | Gets the list of topics.     |
| <a href="#">SetGroupCounters</a>     | Sets group counters.         |
| <a href="#">GetGroupCounters</a>     | Gets group counters.         |
| <a href="#">IncreaseGroupCounter</a> | Increases the group counter. |
| <a href="#">DecreaseGroupCounter</a> | 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                                                     |
|---------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">AddCommunityListener</a>                    | Adds an event listener for communities.                         |
| <a href="#">RemoveCommunityListener</a>                 | Removes an event listener for communities.                      |
| <a href="#">CreateCommunity</a>                         | Creates a community that supports a topic.                      |
| <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.                                     |
| <a href="#">GetTopicInfoList</a>                        | Gets the list of topics.                                        |
| <a href="#">CreatePermissionGroupInCommunity</a>        | Creates a community permission group.                           |
| <a href="#">DeletePermissionGroupFromCommunity</a>      | Deletes a community permission group.                           |
| <a href="#">ModifyPermissionGroupInfoInCommunity</a>    | Modifies a community permission group.                          |
| <a href="#">GetJoinedPermissionGroupListInCommunity</a> | Gets the list of community permission groups a user has joined. |
| <a href="#">GetPermissionGroupListInCommunity</a>       | Gets a community permission group list.                         |
| <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 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.                                                                     |



|                                                       |                                                                                                     |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <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.                                                   |
| <a href="#">GetUnreadMessageCountByFilter</a>         | Gets the total unread message count of conversations by filter.                                     |
| <a href="#">SubscribeUnreadMessageCountByFilter</a>   | Subscribes to notification of total unread message count for conversations specified by filter.     |
| <a href="#">UnsubscribeUnreadMessageCountByFilter</a> | 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                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------|
| <a href="#">GetUsersInfo</a>          | Gets user profiles.                                                              |
| <a href="#">SetSelfInfo</a>           | Modifies one's own user profile.                                                 |
| <a href="#">SubscribeUserInfo</a>     | Subscribes to a user's profile.                                                  |
| <a href="#">UnsubscribeUserInfo</a>   | Unsubscribes from a user's 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 blacklist. |
|------------------------------|---------------------|

## 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.                        |
| <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.      |
| <a href="#">DeleteFriendsFromFriendGroup</a> | 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                            |
|--------------------------------------------|----------------------------------------|
| <a href="#">SubscribeOfficialAccount</a>   | Subscribes to an official account.     |
| <a href="#">UnsubscribeOfficialAccount</a> | Unsubscribes from an official account. |
| <a href="#">GetOfficialAccountsInfo</a>    | 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                                                                         |
|----------------------------------------|-------------------------------------------------------------------------------------|
| <a href="#">FollowUser</a>             | Follows users.                                                                      |
| <a href="#">UnfollowUser</a>           | Unfollows users.                                                                    |
| <a href="#">GetMyFollowingList</a>     | Gets my following user list.                                                        |
| <a href="#">GetMyFollowersList</a>     | Gets my follower list.                                                              |
| <a href="#">GetMutualFollowersList</a> | Gets my mutual following user list.                                                 |
| <a href="#">GetUserFollowInfo</a>      | Gets the information of followings/followers/mutual followings of a specified user. |
| <a href="#">CheckFollowType</a>        | Checks the follow type of a specified user.                                         |