

Method	Path	Parameters	Metadata token	Request	Response	Description	Codes
POST	/user/register		FALSE	username - str - at least 8 charaters firstName - str lastName - str email - str - valid email password - str - at least 8 charaters	token - str user_id - str username - str email - str	Create User	201 (Created)
PATCH	/user		TRUE	username - str (opt) firstName - str (opt) lastName - str (opt) email - str (opt) password - str (opt)		Update user	200 (Okay)
POST	/user/login		FALSE	username - str - at least 8 charaters password - str - at least 8 charaters	token - str	Login	200 (Okay) 401 (Unauthorized)
DELETE	/user/logout		TRUE			Logout	200 (Okay)
GET	/user		TRUE		user_id - str username - str firstName - str lastName - str email - str	Get user	200 (Okay) 404 (Not Found)
DELETE	/user		TRUE			Delete user	200 (Okay) 404 (Not Found)
GET	/users	{keyword}?limit={num}?start={num}	TRUE	limit - number start - number keyword - [str] (opt)	user_id - str username - str firstName - str lastName - str	Get users	200 (Okay) 404 (Not Found)
POST	/friends/request		TRUE	friend_id - str		Send friend request	200 (Okay)
PATCH	/friends/request		TRUE	friend_id - str isAccepted - boolean		Accept friend request	200 (Okay)
GET	/friends		TRUE			Get friends list	200 (Okay) 404 (Not Found)
DELETE	/friends	?friend-id={friends_id}	TRUE	friends_id - str		Remove friend	200 (Okay)
GET	/broadcast	?limit={num}?start={num}	TRUE	limit - number start - number keyword - [str] (opt)	[message_id - str content - mixed]	Get broadcast messages	200 (Okay) 404 (Not Found)
POST	/broadcast		TRUE	content - str - not empty		Send broadcast message	200 (Okay)
POST	/broadcast/comment		TRUE	message_id - str comment_content - str - not empty		Comment on broadcast message	200 (Okay)
POST	/broadcast/repost		TRUE	message_id - str		Repost broadcast message	200 (Okay) 404 (Not Found)
PATCH	/broadcast/bookmark		TRUE	message_id - str		Bookmark broadcast message	200 (Okay)
GET	/broadcast/user	?limit={num}?start={num}	TRUE	limit - number start - number	[message_id - str content - mixed]	Get the user's broadcast messages	200 (Okay) 404 (Not Found)
PATCH	/broadcast/user/blocklist/{other_id}		TRUE			Block user's broadcast messages	200 (Okay)
PATCH	/broadcast/user/unblock/{other_id}		TRUE			Unblock user's broadcast messages	200 (Okay)
POST	/group		TRUE	user_id - str groupName - str	chat_id - str	User creates group	200 (Okay) 400 (Bad data)
PATCH	/group/members		TRUE	user_id - str username - str groupName - str		Invite member to group	200 (Okay) 404 (Not Found)
PATCH	/group/{chat_id}		TRUE	chat_id - str		Join group	200 (Okay)
PATCH	/group/leave/{chat_id}		TRUE			Leave group	200 (Okay)
PATCH	/group/members/ban		TRUE	chat_id - str username - str		Ban member from group	200 (Okay)
PATCH	/group/members/transfer		TRUE	chat_id - str username - str		Transfer ownership of group	200 (Okay)
PATCH	/group/{chat_id}		TRUE	chat_id - str groupName - str group_bg - Mixed visible - Boolean		Update group infromation	200 (Okay) 400 (Bad data)
DELETE	/group/{chat_id}		TRUE	chat_id - str		Delete group	200 (Okay)
DELETE	/group/{chat_id}/messages		TRUE	chat_id - str		Clear conversation	200 (Okay)
GET	/group/messages/{chat_id}		TRUE		message_id - str content - mixed	Get all group messages	200 (Okay) 404 (Not Found)
GET	/group/messages/{chat_id}	?keyword={str}	TRUE		message_id - str content - mixed	Search in conversation	200 (Okay)
PATCH	/group		TRUE	chat_id - str		Hide alert	200 (Okay)
PATCH	/group/messages		TRUE	chat_id - str		Read receipt	200 (Okay)

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GET	/group/messages/backup/{chat_id}		TRUE	chat_id - str	message_id - str content - mixed	Chat backup	200 (Okay)
GET	/chat/{chat_id}	?group-id={str}?friend-id={str}	TRUE		chat_id - str	Get Chat_id	200 (Okay) 404 (Not Found)
GET	/chat/{chat_id}/messages	?limit={num}?start={num}	TRUE		[content: mixed, timestamp: date, sender: user_id,]	Load messages	200 (Okay)
POST	/chat/{chat_id}		TRUE	message_id - str content - str - not empty chat_id - str		Send a direct message	200 (Okay)
PATCH	/chat/{bucket_id}/{message_id}		TRUE	content - str - not empty chat-id - str		Edit message	200 (Okay)
DELETE	/chat/{bucket_id}/{message_id}		TRUE	content - str - not empty chat-id - str		Delete message	200 (Okay)
PATCH	/chat/pin/{bucket_id}/{message_id}		TRUE	content - str - not empty chat-id - str tagged - boolean		Pin message	200 (Okay)
GET	/chat/friend		TRUE	message_id - str content - str - not empty chat-id - str firend_id - str		Content Sharing	200 (Okay)