



# Telegram Vs Whatsapp

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# End - to - End or E2EE Encryption

رمزگذاری سرتاسر (End-to-end encryption) یک سیستم ارتباطی است که تنها افراد دو طرف ارتباط، قادر به خواندن پیام‌ها هستند. در این شیوه ارتباطی، شنود کلیدهایی که برای رمزگذاری مکالمه استفاده می‌شود برای هیچ فردی از جمله رساننده خدمات اینترنتی و ارائه دهندگان خدمات مخابراتی امکان‌پذیر نخواهد بود.

در رمزگذاری سرتاسر از آنجا که هیچ شخص دیگری امکان کشف داده‌های در حال مبادله یا ذخیره را ندارد، امکان مراقبت و دستکاری غیرممکن است.

به همین دلیل شرکت‌هایی که از شیوه رمزگذاری سرتاسر استفاده می‌کنند، نمی‌توانند پیام‌های مشتریان خود را به مقامات امنیتی ارائه دهند، مانند موضوع تحویل ندادن اطلاعات و کلیدهای رمزنگاری به سرویس امنیت روسیه و حمله متروی سن پترزبورگ در سال ۲۰۱۷



# Why Telegram better than Whatsapp

# Unlimited server storage

Telegram provides unlimited storage. This means all your text messages, images media files & documents will be saved on their cloud. You can log out and log in any number of times from any number of devices simultaneously without losing any data, you don't need to worry about backup & restore. You can view the active sessions and see on which devices are you logged in now. Thereby you can download any file any time anywhere.

As of today, we can upload a single file of max size up to 2GB. There is no cap on the total number of files that can be uploaded.

# Media compression

Users can choose whether to compress the image and video or send the uncompressed version.

For example, you can send a raw jpeg image either it as raw or compressed. If you want to preserve the quality as such then choose the option send it without compression.

# Group member number capacity

As of today, a telegram group can afford a maximum of 200,000 members. For WhatsApp 256 is the maximum member capacity in a group.

# Channels

A channel is somewhat similar to groups, which can accommodate an unlimited number of members. The creator of the channel can decide who can post and other members can view the posts.

# Secret chat

Secret chat is a kind of end to end encrypted chat in which one can set self-destruct timer. The messages will be automatically deleted when the timer hits. It is possibly not able to hack in any way.



# Bots

It is a piece of program which is based on AI and machine learning at a small level. It can perform various tasks. For example, an image bot can fetch images from the name.

There are multiple types of bots. Popular bots are Image bot, sticker bot, gif bot.

# Voice calls & Video calls

The latest version of telegram supports both voice & video calls which was missing for a long time compared to WhatsApp. The user experience of this feature in both platforms is almost the same. There is no significant difference.

# Sends any kind of file

Users can send any kind of file through Telegram. WhatsApp limits video, images & document type files which is very difficult for a good number of users.

# Multiple sessions

Users on telegram can log in on multiple devices at the same time and able to receive messages on all devices.

They can remember their sessions on even browsers too. This is a cool feature. You can keep messages in the draft as well. Suppose you are trying to send a message to another user. You typed a long paragraph and you decided to send it later. The draft message will be synced to all your devices and you can send it from another device.



# Why Whatsapp better than Telegram

# More number of users are there in WhatsApp

WhatsApp has more users than telegram.

# End to end encryption

WhatsApp uses end to end encryption everywhere. Telegram uses it only for secret chat.