

SMART WAY OF USING SMART PHONE

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Smart Phones usage

WORLD OF SMARTPHONES

Share of time spent on smartphone on various activities, on avg



Phone, a Friend

Time spent on smartphones has risen by 12% to 3.47 hours. For people in the age group of 15-24 years, it is 4.03 hours

Smartphone use peaks during **Noon-2 pm & 8-10 pm**

News apps' usage peaks during **8-10 am**

Gaming apps' usage peaks during **Noon-2 pm**



- 19% Chat/VoIP
- 15% Social networking
- 15% Utility & phone features
- 14% Video streaming
- 10% Calling
- 9% Gaming
- 6% Browsing
- 12% Others



Growth in App Usage



Premium Users
(upper income households in metros)

Category	All	Premium Users
Social networking	41%	34%
Games	39%	35%
News	37%	83%
Chat & VoIP	36%	46%
Education	32%	24%
Video streaming	12%	23%
Fitness	-16%	33%



Top Movies

(During Apr 4-10)

- Mission Mangal
- Chhichhore
- Angrezi Medium
- Housefull 4
- Arjun Reddy

(All of them from Disney+ Hotstar stable)

Why should we worry ?

- smartphones
 - Have our credentials are saved
 - Have our banking apps are installed
 - We carry out many financial transactions -
upi, wallets etc.,
 - Messages
 - Photographs and videos

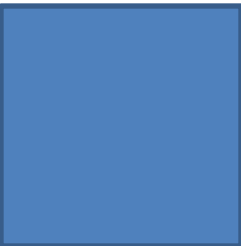


Why should we worry ?

Our complete

Personal Sensitive

Information is carried by our smart phones



Critical Features of your mobile

- Messaging – OTP, password research codes etc.,
- Camera
- Microphone
- Gallery
- Contacts
- Location

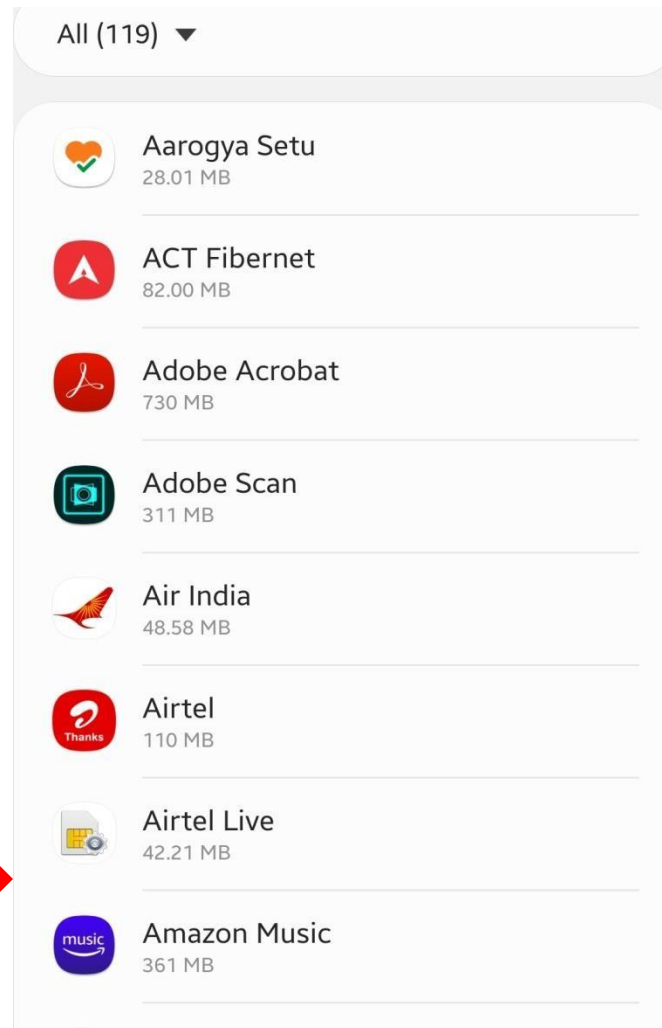
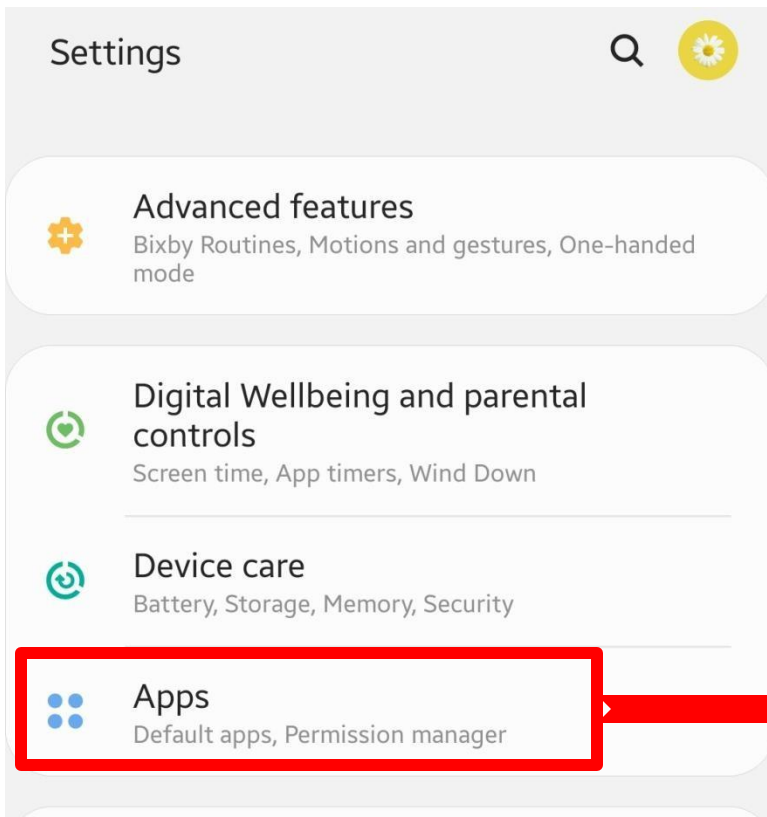


**Regularly Monitor the permissions of
critical features of your
mobile**

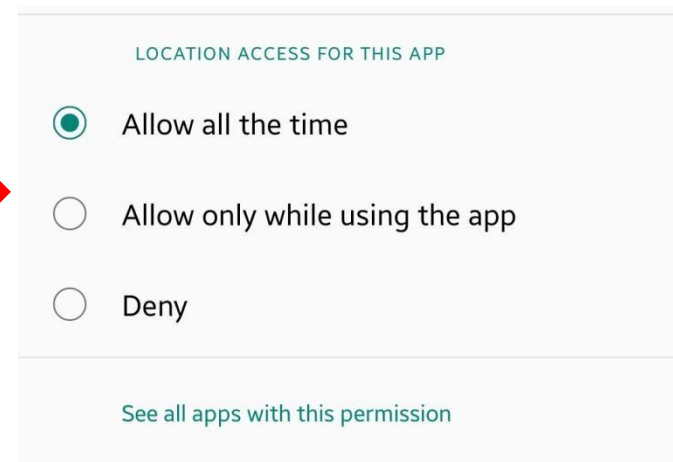
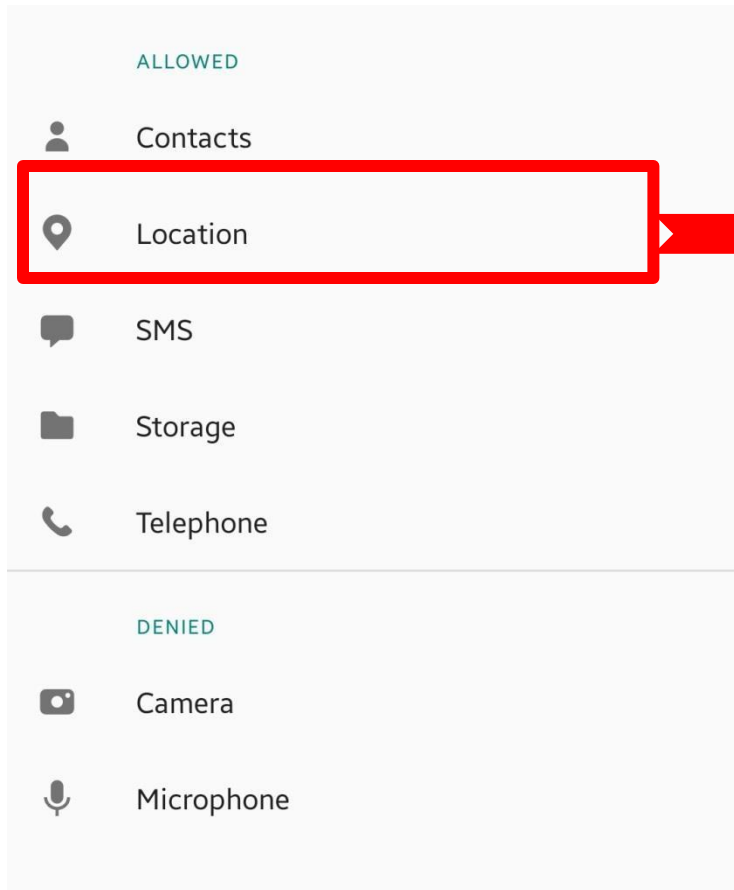


Monitor Permissions

- Settings - Apps

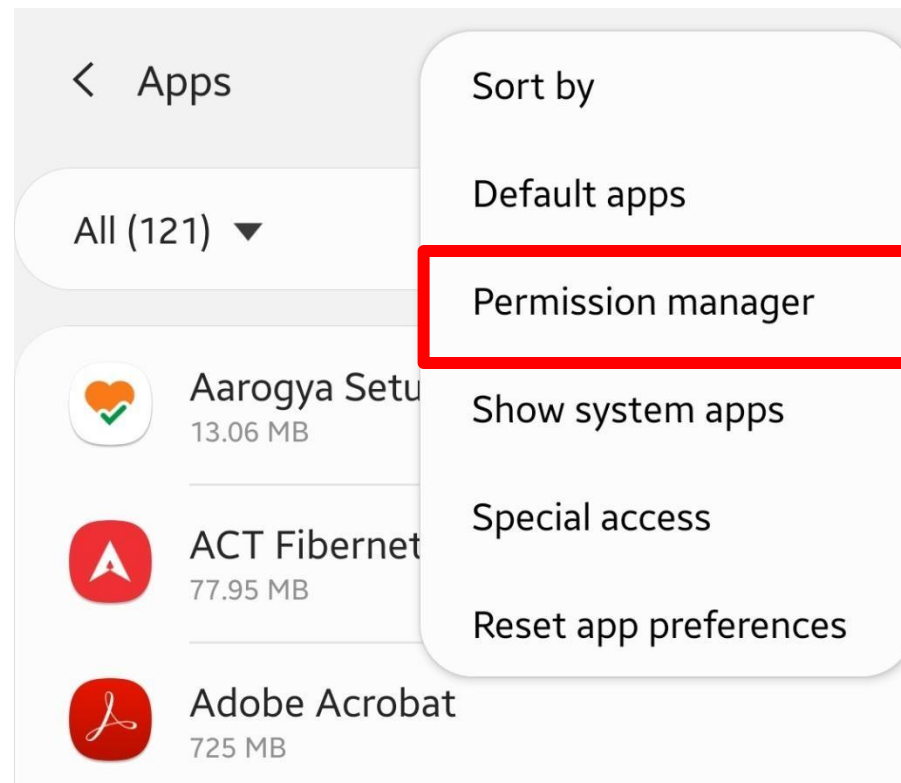


Change Permissions



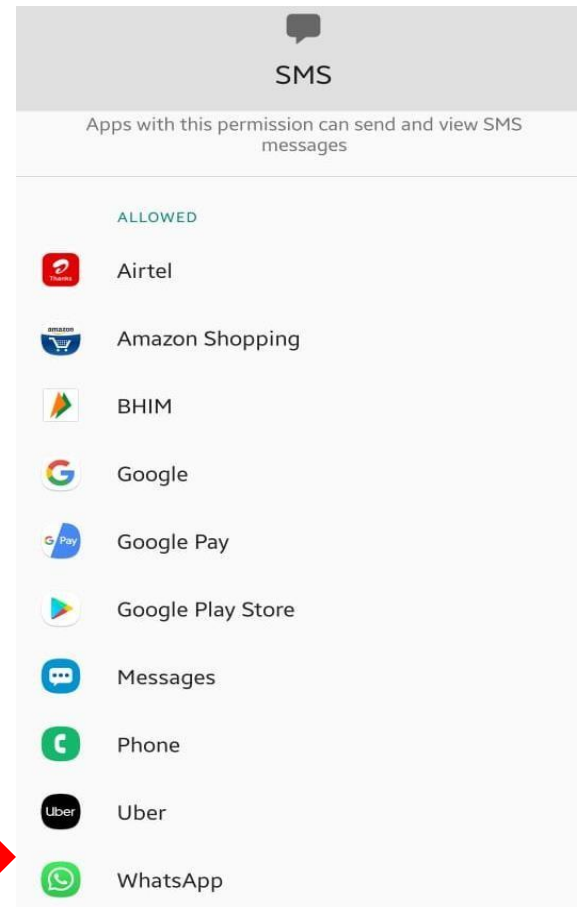
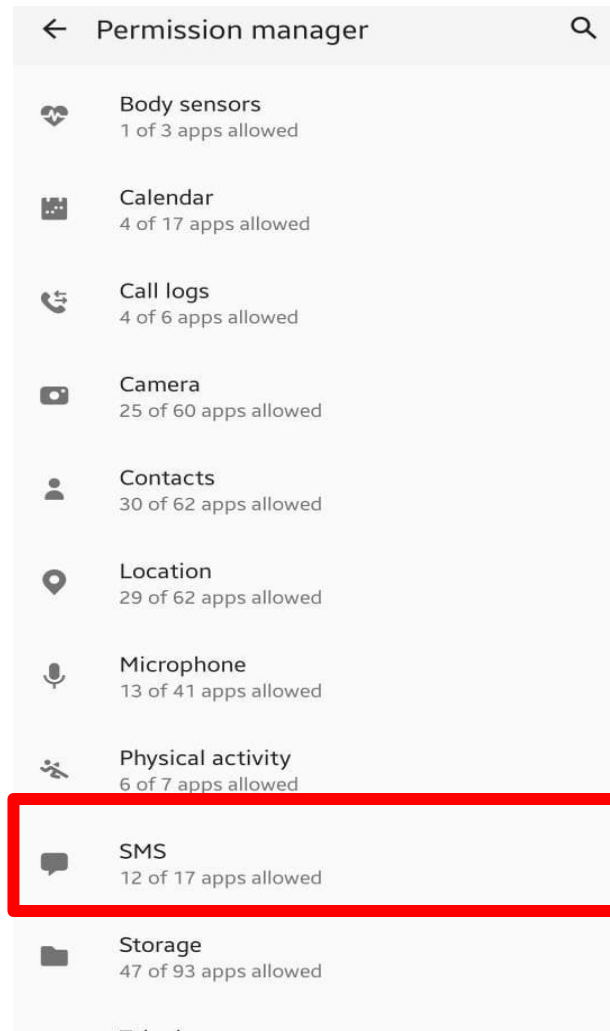
Monitor all critical permissions at one place

- Access Permission Manager in your Mobile
 - Settings – Apps – Permission Manager (OR)
 - Settings - Privacy



Monitor all critical permissions at one place

- Permission Manager



Symptoms

- If **OTP is filled automatically** by your application while performing any transaction or filling any page, it means that the app is having permissions to read your SMS automatically.
- If in your browser **without entering your credentials**, you are able to see the logged in state of website, it means your browser saved your credentials
- In spite of **Turning OFF** Location, Bluetooth , its **automatically turned ON** in some time, it means some app is controlling the same.



Installing Apps

- **Advertisements** could be one of the medium to bring malware to your mobiles or steal personal information
- Sometimes, App download page itself states that it contains advertisements or you can **see the reviews** to know if it contains advertisements
- Reviews also can help understand **Good and Bad** about apps



Avoid installing apps which contains advertisements and read reviews before installing

Installing Apps


- For apps related to payment, banking , social networking etc., prefer to download app from company's owned website rather than searching in the stores.





Example – search for PNB banking app


23:26 [Icons] • [VoLTE] 4G+ [Signal] 33% [Battery]


← punjab national bank 🔍 🗣️


 **All Bank Balance Check - Bank Balance Enqu...**
Ad • DoubleRun Technology • Finance
bank balance check
4.1 ★ 5.0 MB [Downloads] 5M+


 **PNB ONE**
PNB • Finance
4.0 ★ 40 MB [Downloads] 1M+


 **PNB mPassBook**
PNB • Finance
4.4 ★ 1.6 MB [Downloads] 1M+


 **BHIM PNB**
PNB • Finance
3.7 ★ 6.7 MB [Downloads] 1M+


 **PNBIL**
Punjab National Bank International Limited
4.1 ★ 29 MB [Downloads] 100K+

 **PNB Verify**
PNB • Finance
4.0 ★ 11 MB [Downloads] 100K+

 **PNB Mobile Banking**
Pacific National Bank • Finance
4.2 ★ 18 MB [Downloads] 100K+

 **PNB Univ**
PNB • Education
3.2 ★ 4.6 MB [Downloads] 100K+

 **PNB Parivar**
PNB • Tools
4.2 ★ 25 MB [Downloads] 100K+

 **Net Banking App for All India - HDFC - SBI - ...**
Infotech • Finance
3.8 ★ 4.5 MB [Downloads] 100K+

Say No to All-In-One Apps

23:26

VoLTE 4G+ 33%

← punjab national bank



All Bank Balance Check - Bank Balance Enqu...

Ad • DoubleRun Technology • Finance

bank balance check

4.1 ★ 5.0 MB 5M+



PNB ONE

PNB • Finance

4.0 ★ 40 MB 1M+



PNB mPassBook

PNB • Finance

4.4 ★ 1.6 MB 1M+



BHIM PNB

PNB • Finance

3.7 ★ 6.7 MB 1M+



PNBIL

Punjab National Bank International Limited

4.1 ★ 29 MB 100K+



PNB Verify

PNB • Finance

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PNB Parivar

PNB • Tools

4.2 ★ 25 MB 100K+

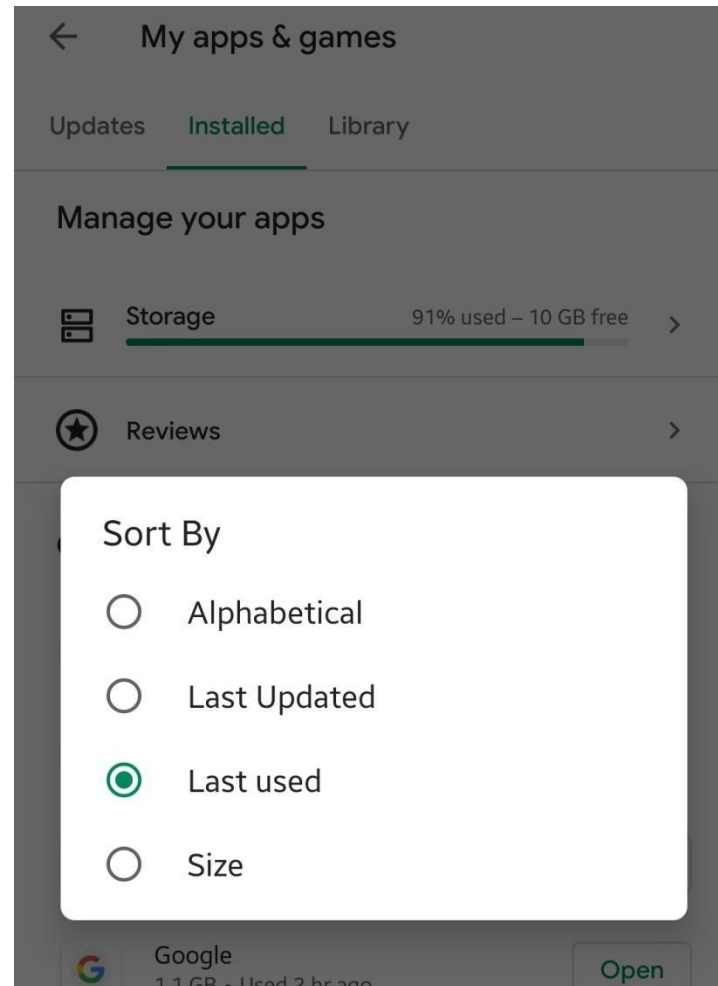


Net Banking App for All India - HDFC - SBI - ...

3.8 ★ 4.5 MB 100K+

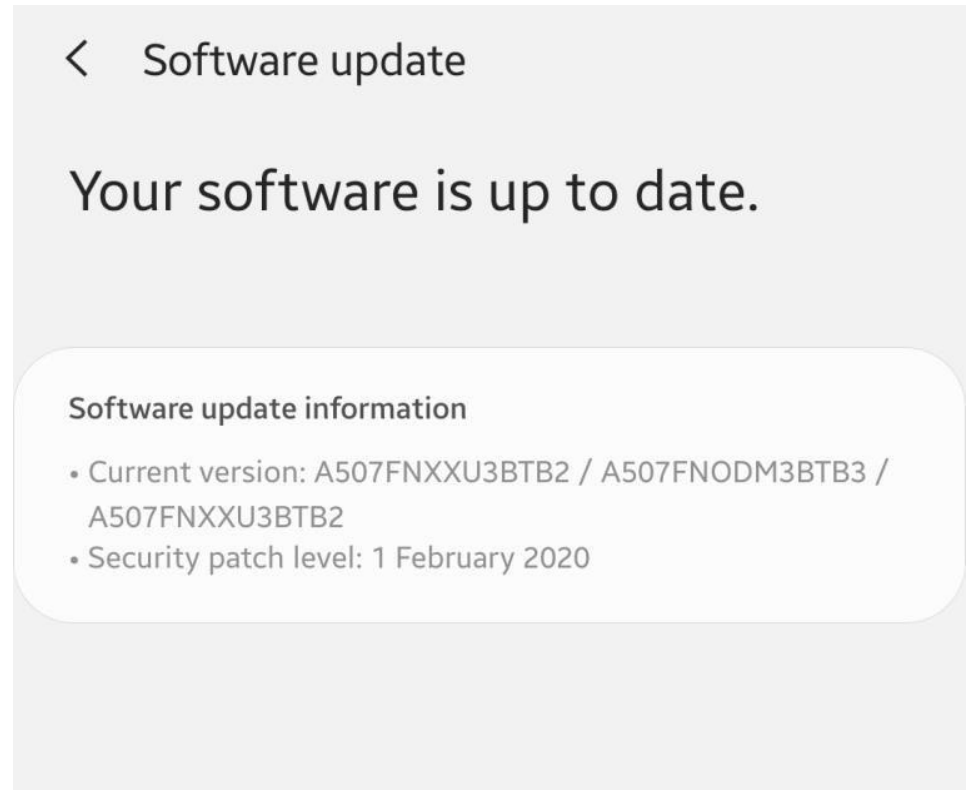
Unused Apps

- Monitor your mobile for **unused apps** – Look in play store by sorting with Last used to know which apps were not used by you since long time.



Updated Operating System and Apps

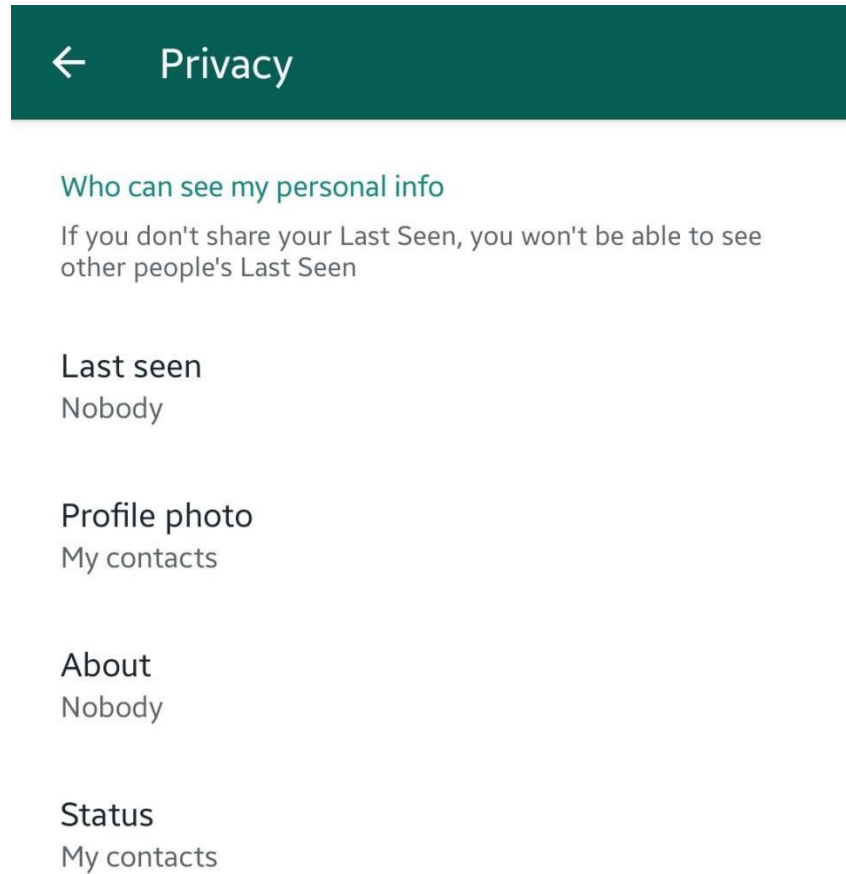
- Ensure your anti-virus and operating system are always updated
- Settings -> Software Update



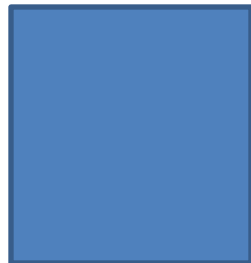
Ensure Auto Updates are enabled for OS, Apps and Anti-Virus

WhatsApp Security – Tip 1

WhatsApp Settings - Account - Privacy

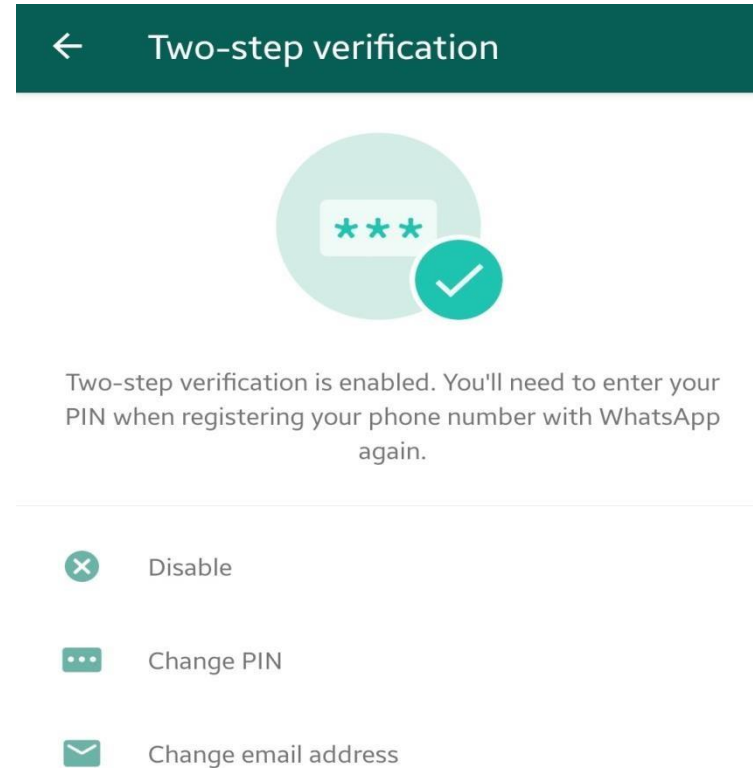


Control Visibility of your **Profile Photo and **Status** to limited or contacts only**



WhatsApp Security - Tip 2

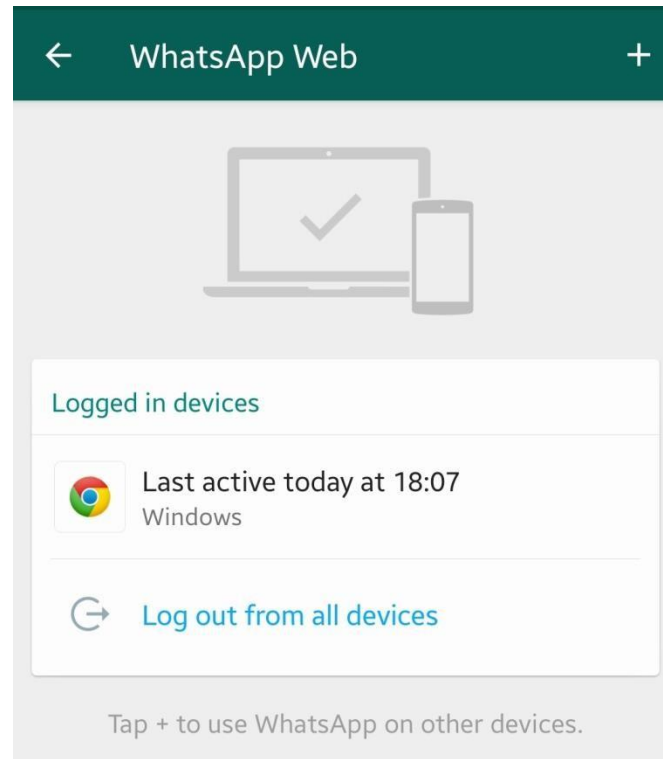
WhatsApp Settings - Account – Two – factor Authentication



**Enable two-factor authentication to
stop unauthorized registration of
your whatsapp account**

WhatsApp Security - Tip 3

WhatsApp Settings – WhatsApp Web



Logout Web WhatsApp when not in use by you

WhatsApp Security - Tip 4

WhatsApp Settings – Data and Storage usage

Media auto-download

Voice messages are always auto-downloaded for the best communication experience

When using mobile data

No media



When connected on Wi-Fi

No media



Disable Auto-Download of Media



Safe Mobile Usage - Recap

1. Regularly Monitor the permissions of critical features of your mobile
2. Avoid installing apps which contains advertisements and read reviews before installing
3. Download apps from genuine link & avoid all in one apps for any requirement
4. Ensure Auto Updates are enabled for OS, Apps and Anti-Virus
5. Whatsapp Security
 1. Control Visibility of your Profile Photo and Status to limited or contacts only
 2. Enable two-factor authentication to stop unauthorized registration of your whatsapp account
 3. Logout Web WhatsApp when not in use by you
 4. Disable Auto-Download of Media

THANKYOU

