



# Term 1 2025 3 Feb - 11 Apr

WEEK 2 OF 9

## Session 2





# WELCOME TO TERM 1 2025



# WESLEY MISSION WIFI

Go to your Settings

Locate WiFi

Choose Network **WM\_Guest**

Enter Password as shown below

**ST@ngryBr!an7#**





The success of these class depends largely on you asking





Technology  
News



# IOS 18.3.1

iOS 18.3.1 is a minor update released by Apple on February 10, 2025, focusing on important security fixes and bug resolutions.

The update addresses a critical vulnerability in iOS's accessibility features that allowed attackers with physical access to a locked device to bypass USB Restricted Mode, potentially exposing user data. This exploit had reportedly been used in sophisticated attacks targeting specific individuals.

The update improves state management to resolve this issue and is recommended for all users to enhance device security. Similar updates were also released for iPadOS 18.3.1 and older devices running iOS 17.7.5 to address the same vulnerability.



USB (Universal Serial Bus) is an industry standard that establishes specifications for cables and connectors and protocols for connection, communication, and power supply between computers and peripheral devices. It is a plug-and-play interface, allowing computers to communicate with various devices.

Apple released iOS 18.3.1 and iPadOS 18.3.1 today to fix a serious security problem related to USB Restricted Mode.

This vulnerability could let someone bypass USB Restricted Mode on a locked device through a physical attack, which might allow access to the device's data.

### USB Cable Connectors



USB Type A



USB Type B



USB Micro



USB Mini



USB-C



Apple Lightning



Android 15 has been released to Pixel phones since October 2024, but Samsung is still waiting to release it for their devices.

Samsung has not officially confirmed when Android 15 will be available for Samsung handsets, aside from the Galaxy S25 series, which will ship with the software installed.

However, the company has confirmed that its One UI 7 skin is based on Android 15, suggesting an imminent release in the coming months.





## What to do with an old Tablet or iPad?

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A group of business professionals in an office setting. A woman in a grey blazer is holding a smartphone and looking at it. A man in a dark suit and tie is holding a white coffee cup. Another person's hand is visible, holding a tablet. The background is a bright office with large windows.

There are many options for repurposing old tablets and iPads instead of discarding them. Here are some possibilities:

Give it to a child: Older tablets can still handle basic games, YouTube videos, and web browsing, making them suitable for kids.



E-book reader: Use it as an e-reader with apps like Amazon Kindle, Google Play Books, or Apple Books.



Second monitor: iPads with iPadOS 13 and Macs with macOS Catalina or newer can be used as a second monitor using the Sidecar feature. Third-party apps like Duet Display or Luna Display can also be used.



Media server: Use apps like Plex or Tubi to store and stream your own media.



Nightstand clock: Turn your tablet into a nightstand clock using clock apps, many of which also offer alarms and timers.



Secondary tablet: Keep it as a secondary tablet for use in the kitchen, garage, or bathroom.



Digital photo frame: Tablets have great screens and internet access, making them ideal for creating slideshows. You can even share photos through apps like "Nicebook".



Smart home hub: Use it as a universal smart remote to control smart devices like smart plugs, lights, Chromecast, Sky Q, and Virgin Tivo.



Help with scientific research: Use the BOINC app to contribute to scientific research projects by using your tablet's unused computing power.



Donate it: Donate your tablet to charity.



Recycle it: Apple offers free recycling of old iPads with a prepaid shipping label through their Apple Trade In website. Best Buy also handles old tech recycling.



Trade it in: Trade in your old iPad when upgrading or replacing it directly through Apple.



Sell it: You might be surprised by what someone is willing to pay for your old table.



Smart Home Hub: Use it to control smart home appliances, functioning as a thermostat, light switch, and security panel.

Extra Monitor: Use Apple's Sidecar feature to use your iPad as a second screen for your Mac<sup>12</sup>. Apps like Luna Display offer similar functionality for Windows OS.

Music Hub: Stream music to various devices over Bluetooth using Airplay.

Remote Control: Use it as a remote control for Apple TV or other devices with available apps.

Security Camera: Use it as a security or pet cam with home security apps.

Digital Photo Frame: Display photos in a slideshow by mounting it on a stand or wall.

E-Reader: Use apps like Apple Books and Kindle to read eBooks.

Kitchen Companion: Keep recipes and cooking videos in the kitchen.

In-Car Navigation System: Repurpose it as a map reader in your car by using a dashboard or windshield mount.

Alarm Clock: Use digital alarm clock apps to display the time, date, and weather.

Donate or Recycle: Donate it to someone in need or recycle it to reduce e-waste<sup>12</sup>. Apple has a trade-in program, and third-party services like Gazelle buy old iPads for resale.

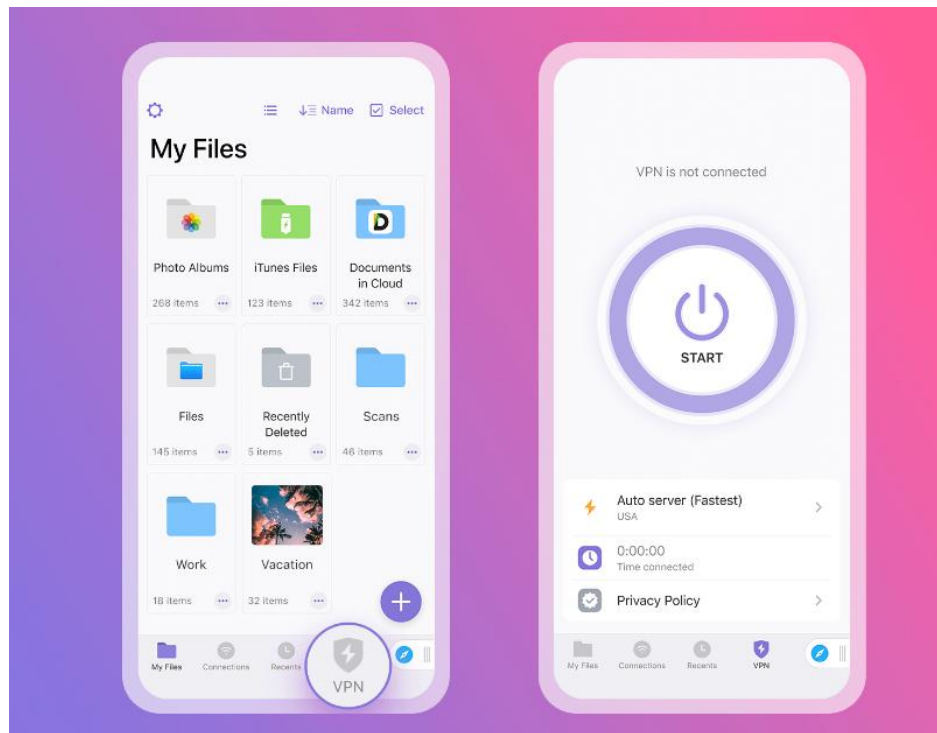
Every Google account provides 15 GB of free storage, which is shared between Google Drive, Gmail, and Google Photos. Both sent and received emails, including those with attachments, count toward this limit<sup>1</sup>. Once you reach your storage quota, you won't be able to perform most Gmail operations.

You can create numerous Gmail accounts, but Google may require phone verification to ensure account authenticity. Although Google doesn't set a specific limit, users have observed a general restriction of about four accounts per phone number

**4 email accounts equal 15GB per account = 60GB of space eg  
joephoto1@gmail.com; joephoto2@gmail.com joephoto3@gmail.com plus your  
normal gmail account.**

VPN (VIRTUAL PRIVATE NETWORK)

A VPN (Virtual Private Network) on an iPhone is a service that encrypts the data sent from the device and routes it through VPN servers to decrypt it at the destination. It creates a secure tunnel, protecting your iPhone against hackers, government surveillance, and ISP (Internet Service Provider) throttling. Using a VPN on an iPhone helps to hide your location, identity, and online activity from third parties





Here's how a VPN works on an iPhone:

A VPN encrypts all online traffic, securing user activity and details.

The VPN service sends all of the iPhone's digital traffic through remote servers, which are typically located in different parts of the world

The service hides the device's real Internet Protocol (IP) address, replacing it with that of the service's servers.

Here are some benefits of using a VPN on your iPhone:

**Encrypting web traffic** When you use a VPN, the internet data you send and receive on your iPhone is encrypted, meaning anyone trying to snoop on your online activity will encounter scrambled data.

**Hiding your IP address** With a VPN set up and enabled on your iPhone, your device routes all your traffic through a VPN server, which conceals your IP address, physical location, and identity.

**Accessing blocked content** VPNs help you access sites and services that may be blocked in your actual location.

**Avoiding censorship**, A VPN can create a vital lifeline for those in areas where online content is censored, allowing them to access critical information or connect to the people they need.

The easiest way to set up a VPN on an iPhone is to use a VPN app from a reliable vendor<sup>1</sup>. Here's how to set up a VPN on an iPhone using an iOS VPN app:

Download a VPN app from the App Store.

Follow the in-app instructions to get started.

Enable the VPN on your phone and allow the VPN to configure your settings.

Enter your device passcode to confirm the VPN configuration, then toggle on the VPN switch to establish a secure connection.

When you're connected with a VPN, a VPN symbol will usually be displayed in the upper-right corner of your device<sup>1</sup>. You can also open the Settings app and see if the VPN option says Connected.

It is generally advisable to keep your iPhone VPN turned on for round-the-clock privacy protection, especially when using public Wi-Fi

## Why Do You Need the Best VPN Service in 2025?

People still fall for free software and apps but in the digital world, nothing comes for free. Using free services simply means putting your privacy and internet activity at risk.

Instead of saving a few bucks with free VPN services, go for the premium services and enjoy secure web browsing and anonymity.

There are several companies that offer free VPN services. Most of these services keep their privacy policy unclear and some don't even offer basic security features in the free version.



Here are some reasons why you need to consider using the best VPN services this year:

Secure browsing while using public Wifi

Data privacy from the ISP

Hide your online identity from hackers and unauthorized parties

Restrict the data access for 3rd party apps and websites

Access restricted sites and blocked streaming services in your region

Enjoy better internet speed from super-fast servers across the globe



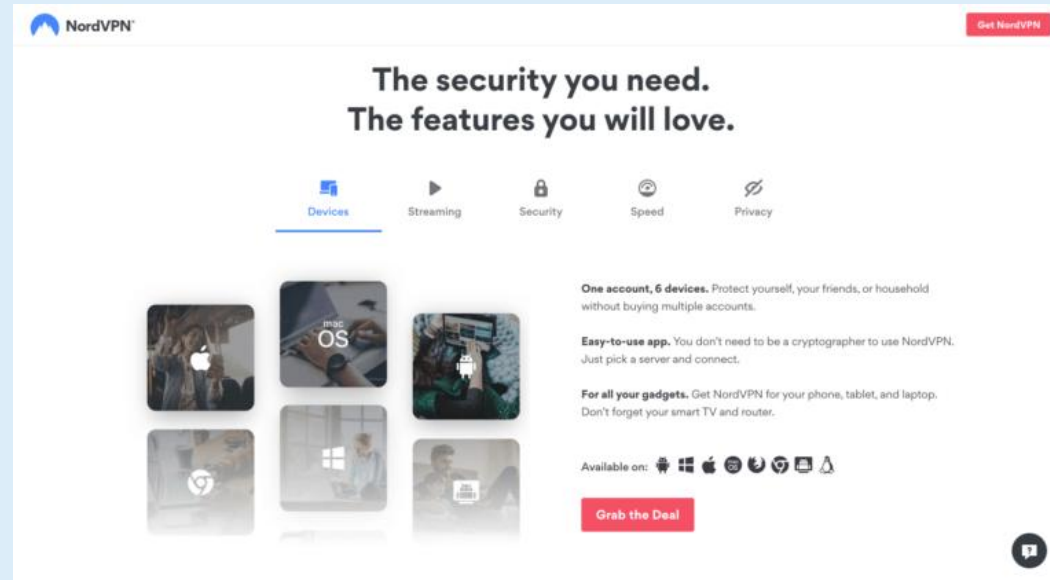
NORDVPN – OVERALL  
BEST VPN SERVICE



SURFSHARK VPN – CHEAP  
YET BEST VPN SERVICE



EXPRESSVPN – BEST VPN  
FOR ALL DEVICES



There are several solid reasons to recommend NordVPN as one of the best VPN services for uncompromised security. The company behind NordVPN is a tech giant with a huge user base all over the world.

With server locations in more than 60+ countries, NordVPN has 5000+ servers in total. Next-generation encryption ensures that your data and history are secured from all unauthorized parties including agencies and other authorities.

## Which VPN app has the highest App Store rating for iPhone

NordVPN: 4.736

ExpressVPN: 4.73

Private Internet Access: 4.73

ProtonVPN: 4.61

IPVanish: 4.53







**Know your  
smartphone**

SMARTPHONES  
MAINTENANCE

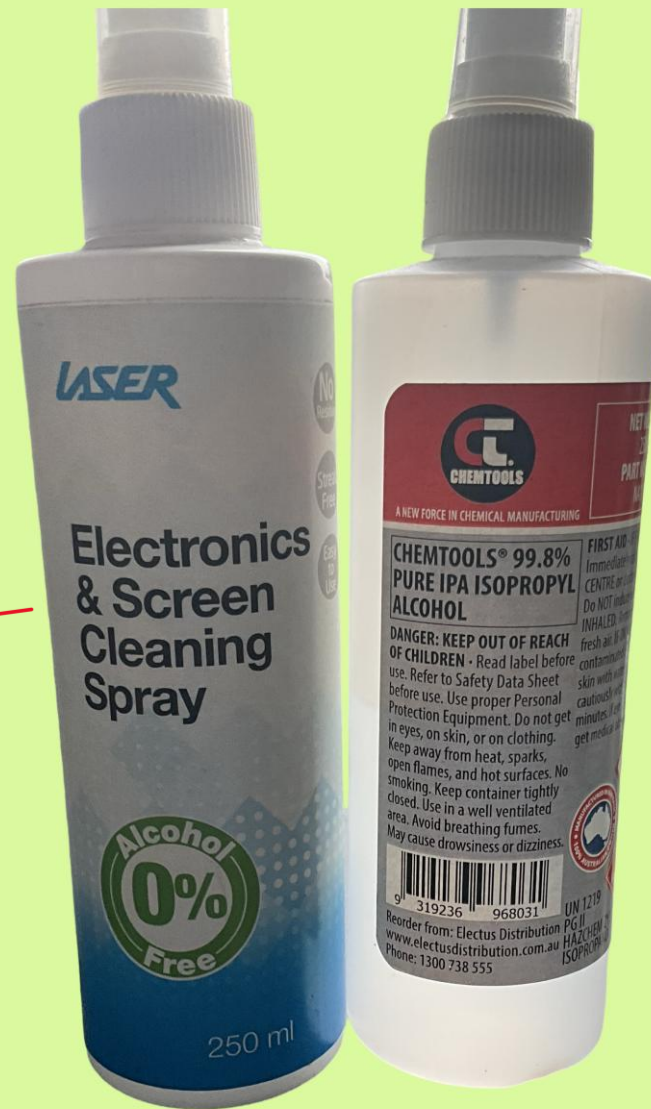
REFRESH





### Screen and Device Cleaning

Clean your smartphone regularly using a microfiber cloth to remove dust, dirt, and fingerprints. For sanitization, use a 70% isopropyl alcohol wipe carefully, avoiding moisture in device openings. Consider using a screen protector to prevent scratches and protect the display.



**LASER**

# Electronics & Screen Cleaning Spray

Alcohol  
**0%**  
Free

250 ml



A NEW FORCE IN CHEMICAL MANUFACTURING

**CHEMTOLS® 99.8%  
PURE IPA ISOPROPYL  
ALCOHOL**

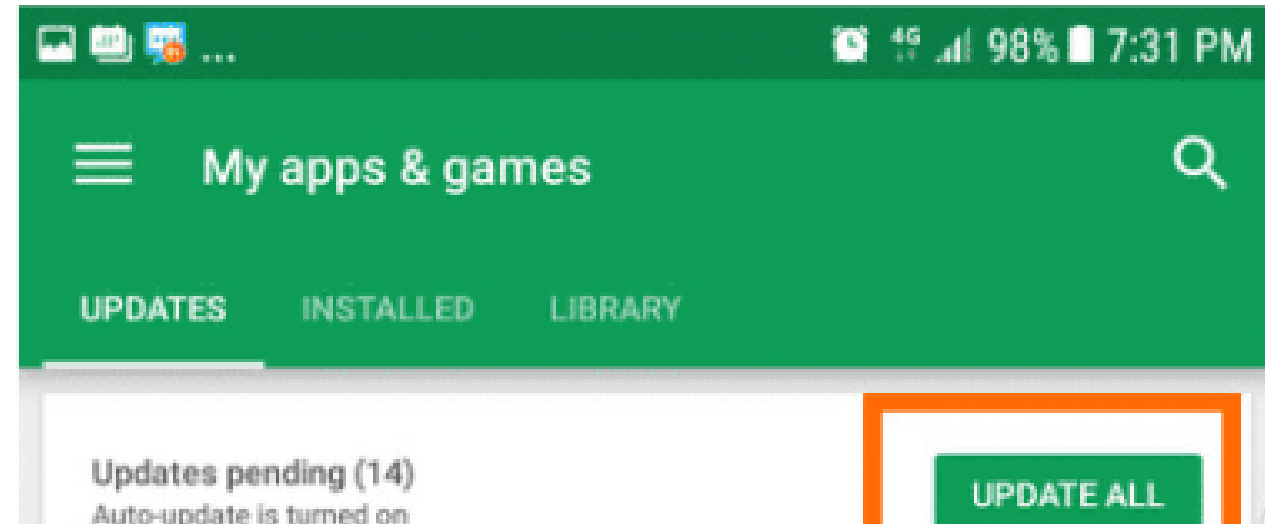
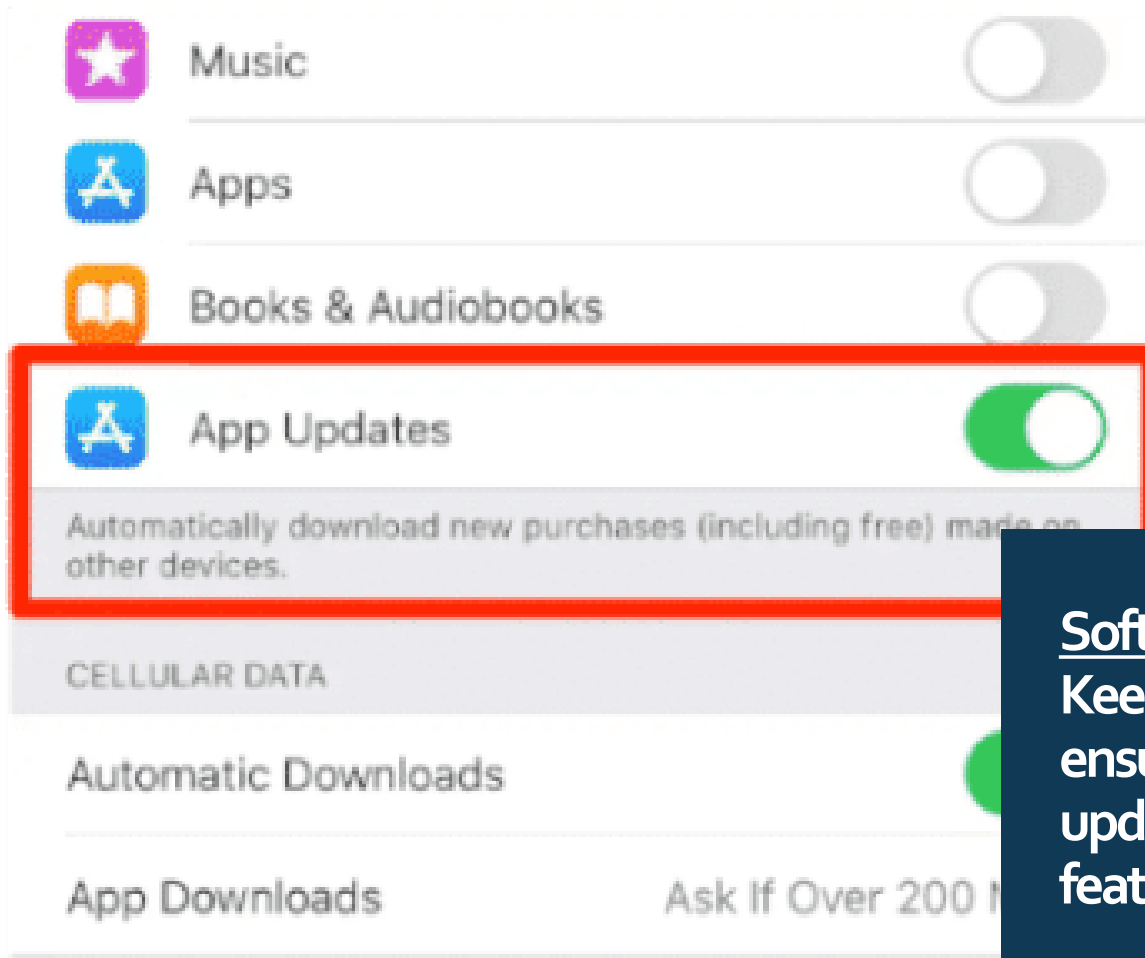
**DANGER: KEEP OUT OF REACH  
OF CHILDREN** - Read label before  
use. Refer to Safety Data Sheet  
before use. Use proper Personal  
Protection Equipment. Do not get  
in eyes, on skin, or on clothing.  
Keep away from heat, sparks,  
open flames, and hot surfaces. No  
smoking. Keep container tightly  
closed. Use in a well ventilated  
area. Avoid breathing fumes.  
May cause drowsiness or dizziness.



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### Software and Security Updates

Keep your smartphone's operating system and apps updated to ensure optimal performance and security. Enable automatic updates, install reliable security software, and use built-in security features like password protection or biometric authentication



### Battery Life Management

Optimize your battery performance by:

Adjusting display settings and brightness

Disabling unnecessary connectivity options like Wi-Fi and Bluetooth when not in use

Avoiding complete battery drainage or overcharging

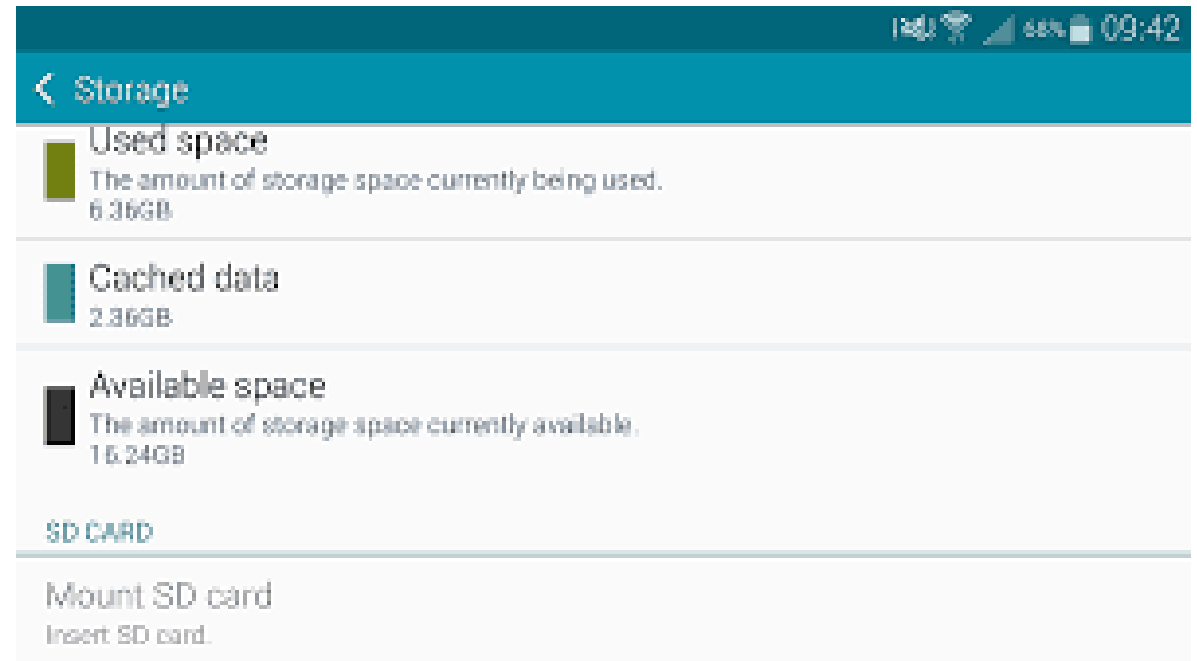
Charging between 20-80% battery levels



## App and Storage Management

Maintain your device's performance by:

- Regularly reviewing and uninstalling unused apps
- Keeping apps updated
- Monitoring storage space
- Backing up important data to cloud services or external storage



A close-up, angled view of a dark-colored Samsung smartphone. A clear, flexible protective film is being applied to the screen, with its edges being smoothed down. The Samsung logo is visible on the top bezel of the phone.

### Physical Protection

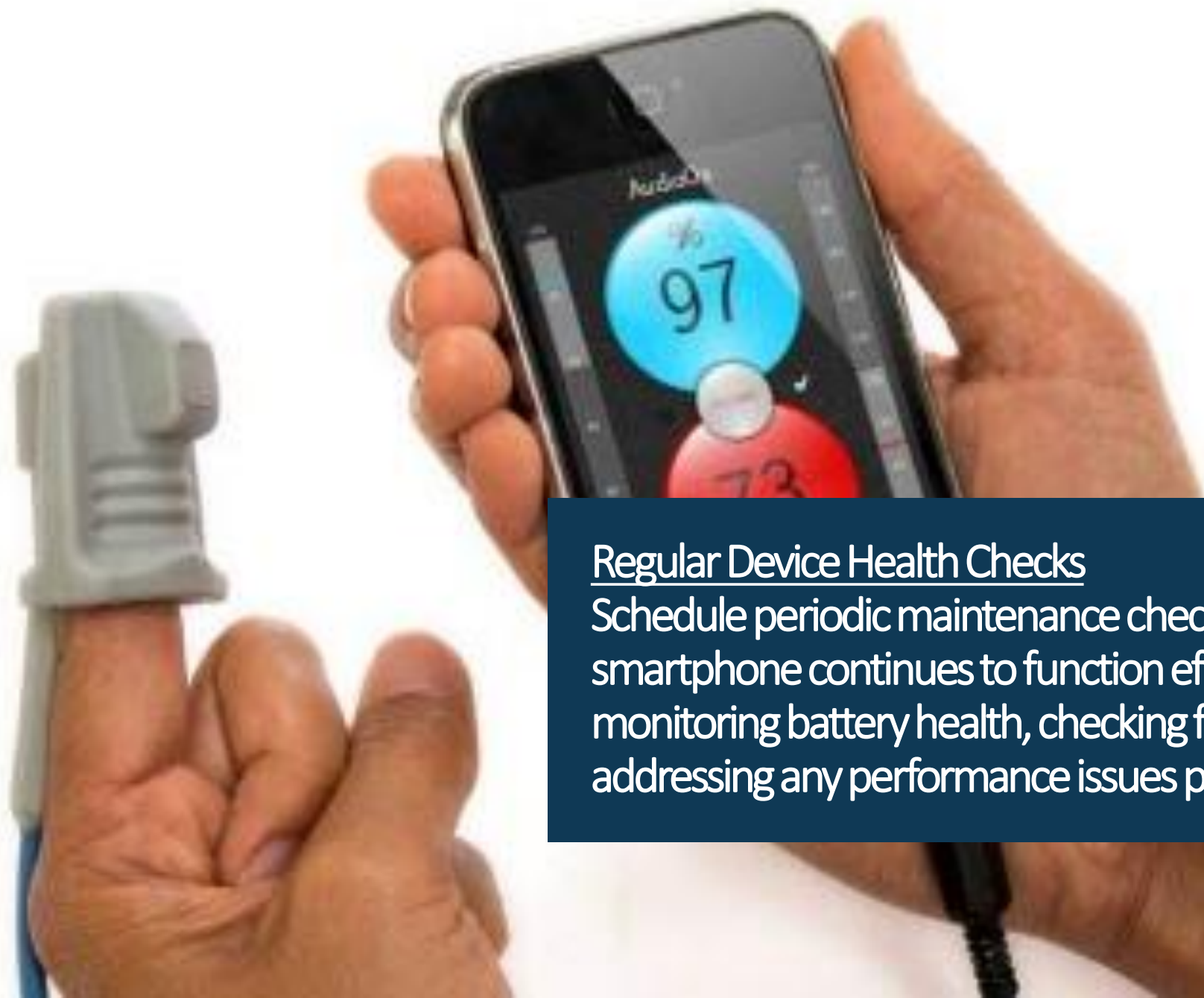
Protect your smartphone from potential damage by:

- Using a durable phone case

- Avoiding exposure to extreme temperatures

- Preventing water damage

- Being careful with touch gestures to avoid screen sensor damage



### Regular Device Health Checks

Schedule periodic maintenance checks to ensure your smartphone continues to function efficiently. This includes monitoring battery health, checking for software updates, and addressing any performance issues promptly

## Protecting Your Smartphone From Malware

Mobile malware is a growing concern, especially with the ever-expanding range of available apps. Protect your device from threats with these tips:

1. Only download apps from trusted sources: Stick to your operating system's official app store to minimize the risk of downloading compromised apps.
2. Be vigilant of app permissions: Always review app permissions before installation and avoid apps that request excessive or unnecessary access to your device's functions and data.
3. Update your operating system: Keep your phone's software up-to-date as security patches are released regularly to address known vulnerabilities.
4. Consider installing mobile security software: In addition to the built-in security features of your OS, a reputable mobile antivirus app can provide an additional layer of protection against malware.





A woman with dark, curly hair is sitting on a bed with white pillows and a grey blanket. She is wearing a light grey t-shirt and is looking down at a black smartphone in her right hand with a slight smile. A black cat-shaped wristband is visible on her left wrist. The background shows a white wall with a circular light fixture and a window with a view of a building outside.

Happy smartphone