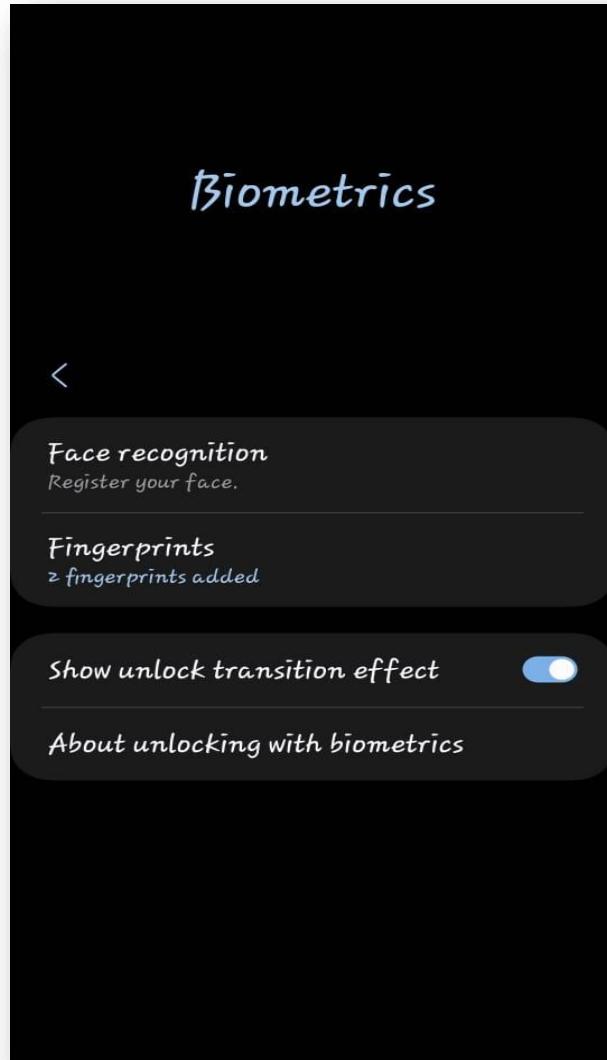


# MOBILE AND IOT SECURITY

**LAB-1:** Setting up a secure mobile device configuration and hardening the OS and applications.

**1. Use strong passwords:** Use a strong password or PIN that's at least eight characters long and contains alphanumeric characters. You can also use biometric features like fingerprint authenticators.



< Screen lock type

PIN

Medium-high security, Current lock type

Password

High security

Pattern

Medium security

Swipe

No security

None

Biometrics

Face

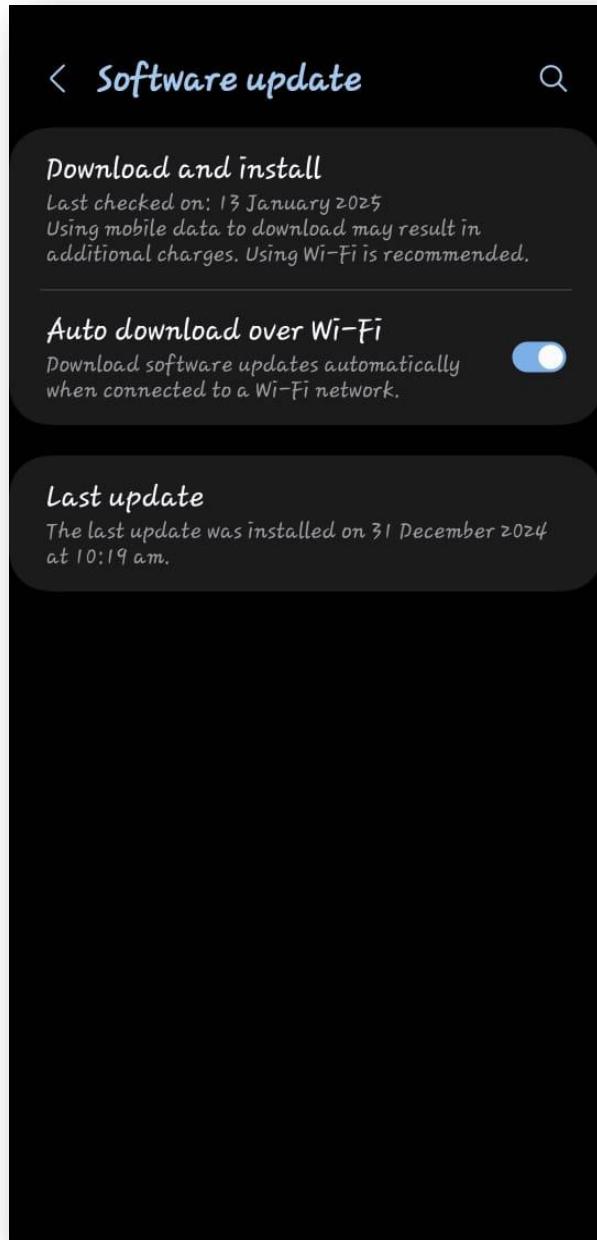


Fingerprints

Registered



**2. Enable automatic updates:** Configure your device to automatically update your operating system and applications.



< Software update

Your software is up to date.

Update information

- One UI version: 6.1
- Android version: 14
- Current version: A536EXXSDEXL3 / A536E0DMDEXL3 / A536EXXSDEXL3
- Security patch level: 1 December 2024



Your device is up to date

*Last checked for update at: 11:28 am*

*Android version: 14*

*Google Play system update: 1 November  
2024*

[Check for update](#)

← Pending downloads

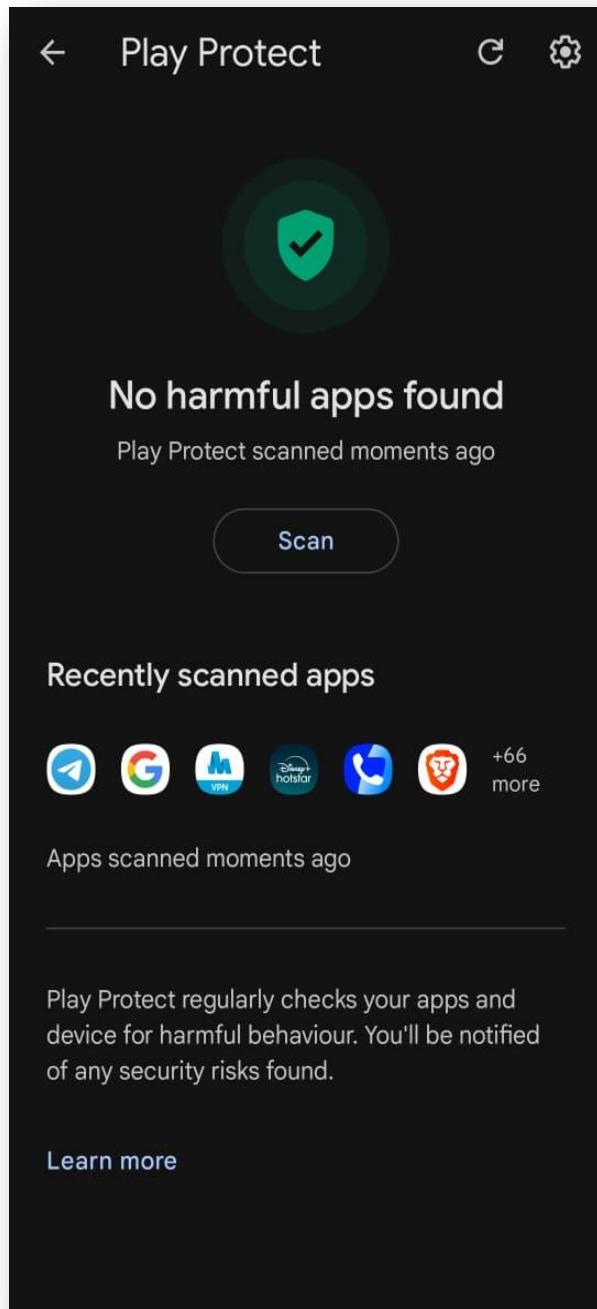


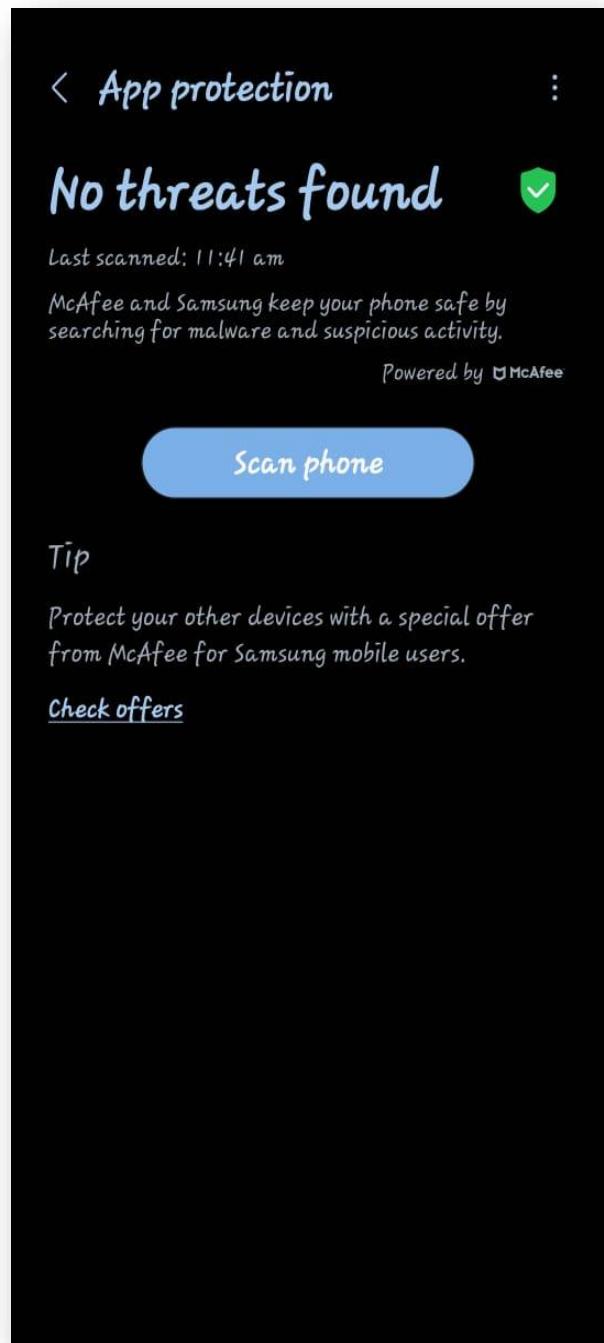
You're ready

All your apps are up to date

Check for updates

**3. Enable Scan and App Protection:** Scan the device and apps regularly and enable automatic scanning.





**4. Enable Auto optimization:** Enable auto optimization into mobile device for device care automatically performs optimizations to keep your phone running smoothly. This includes closing background apps and cleaning memory.

