

Module 7

Mobile Operation system

Mobile operation system also called mobile OS.

Some of popular mobile application are -

1. IOS
 2. Android
 3. Windows
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IMEI number

The IMEI number is just as important as an operating system of a phone.

IMEI number has to be present in each and every phone to make calls, send messages, and use the internet.

The primary purpose of IMEI number is to identify the mobile devices.

Mobile Devices security risks

1. Eavesdropping
 2. Unauthorized access
 3. Theft and loss
 4. Unmanaged Applications
 5. Mobile devices do not limit the internet connection
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Mobile malware

The largest threats to security of smartphone is mobile malware.

Mobile Application Vulnerabilities

- Insecure Data storage
- Insufficient transport layer protection
- Poor Authorization and Authentication
- Broken Cryptography

Threats to Bluetooth devices

Mobile devices not only faced threats from installed application but also from installed software.

Bluetooth **is** one such software.

Some threats of bluetooth are -

1. Bluesnarfing
2. Man in the middle attack
3. Backdoor hacking

Understanding Various Mobile security Procedures

- Updating Mobile Operating system
- Updating Application in Mobile devices
- Mobile phone antivirus
- Securing Bluetooth connectivity
- Securing WIFI connectivity
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