

Subject:- **Advisory - Manufacturing of iPhone-12 in India (Advisory No.20)**

1. **Introduction.** Apple is planning to move 10% of its iPhone-12 (5G enabled) production from China to India under Government's Production-Linked Incentive (PLI) scheme. This production process carries a security concern that may lead to backdrop, bugging and targeted infection. To avoid such eventuality and safeguard loss of sensitive information, recommendations at **Para-2** should be followed.

2. **Recommendations**

- a. Meticulous screening and scanning of purchased / gifted iPhones-12 must be performed to identify any hidden bugs, backdoors or vulnerabilities.
- b. iPhone may be imported from countries other than manufactured in India, different vendors may be employed to randomize the purchase process to avoid falling victim to targeted espionage.
- c. It is mandatory to **implement 2x factor authentication on Apple ID account** to access. Apple service, 2x factor authentication can be applied as follow: -
 - (1) Go to Settings > [your name] > Password & Security and turn on Two-Factor Authentication.
 - (2) Add phone number to receive verification code.
 - (3) Enter verification code to enable two factor authentication.
- d. **PIN or pattern used to unlock iPhone** should be random and hard to guess.
- e. **Never share One Time Password (OTP) / Verification Code** and password with anyone.
- f. **Choose security questions** and **answers** that cannot be easily guessed.

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