

Draft mobile security guidelines

The Ministry of Electronics & Information Technology (“**MeitY**”) *vide* its notification dated August 30, 2022, has released the mobile security guidelines (“**Draft Guidelines**”) for public consultation. The purpose of the Draft Guidelines is to (i) provide guidelines to all mobile ecosystem entities to achieve mobile security goals of confidentiality, integrity, availability, authentication, authorization, non-repudiation, access control, traceability, accountability, trust, and reliability by the various entities involved in the mobile service ecosystem; and (ii) ensure privacy, protect sensitive data and provide security of transactions of every mobile device user.

The Draft Guidelines broadly discuss the following:

- Mobile security risks, threats, and vulnerabilities;
- The counter measures to prevent mobile security threats;
- The necessity of mobile operating systems to ensure proper security measures at various layers;
- The aspects of mobile device security capability framework of the smart mobile devices;
- The types of potential threats to a subscriber identity module and the measures to tackle them;
- Mobile communication security of short range and long-range communication channels, various standards of wireless communication and mobile communication channels, evolution of 1G to 5G and beyond with security features, session management in secure manner, control measures of mobile communication security;
- The necessity to ensure security across all layers of an open system interconnection model, and between every pair of intermediate devices in the entire path of communication from source device to end device and vice versa;
- The requirement for mobile device security testing, application vetting and mobile device forensic.

The stakeholders are required to provide their comments by September 21, 2022.

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