

Mobile device security: proposing framework for securing mobile devices

As the number of mobile devices accessing corporate networks increases, there is growing concern regarding the security of corporate data. The rate at which new malware and malicious apps are being introduced into the app stores is alarming. The level of sophistication of these malicious threats poses a major security issue with mobile devices. Additionally, more mobile devices are either getting lost/stolen. The goal of mobile security is to support the following security objectives: confidentiality, integrity and availability. Attaining these objectives is critical in creating an effective mobile security environment. This proposal therefore examines the inherent security concerns prevalent in mobile technologies and proposes a framework that organizations may use to mitigate these concerns.