

SECURITY MECHANISMS FOR SMARTPHONES: SURVEY

DIKSHA KALE¹, VIJAY BHOSALE² & SUDHIR SAWARKAR³

¹Department of Computer M. E, MGM College of Engineering and Technology, Navi Mumbai, Maharashtra, India

²Department of Computer, MGM College of Engineering and Technology, Navi Mumbai, Maharashtra, India

³Department of Computer, Datta Meghe College of Engineering, Maharashtra, India

ABSTRACT

Smartphones has emerged as most popular gadget nowadays. Smartphones provide most of functionalities of personal computers and also has developing features and applications based on internet, due to which smartphones becomes more vulnerable to security threats such as virus, worm, Trojans etc. Smartphones are constrained by storage, battery, processing so it is difficult to implement high security services on the smartphone itself. Another new technology gaining attraction today is cloud computing providing better resource utilization and improved scalability. This paper proposes a review on examining different existing architectures providing security for Smartphones.

KEYWORDS: Android, Cloud Computing, Security Mechanisms, Smart Phones, Threats