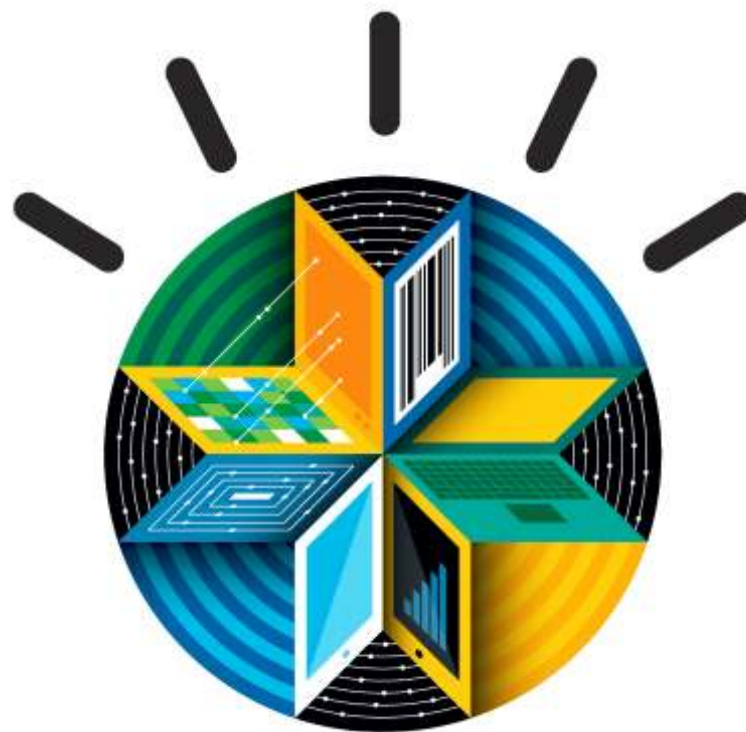

Vijay Dheap

Global Product Manager, IBM Mobile Security Solutions
IBM Master Inventor

Mobile Security: Delivering Confidence

DESIGNING THE ENTERPRISE MOBILE SECURITY POSTURE



A Framework to Designing a Mobile Security Posture

IBM Mobile Security Framework



Device Management & Security	Network, Data, and Access Security	Application Layer Security
Security for endpoint device and data	Achieve visibility and adaptive security policies	Develop and test applications

Defense in Depth

Oversee Devices in an Enterprise Context

- For certain segments of employees or business partners having visibility and control over the device will mitigate risk exposure

Interaction Interface is Critical

- Mobile apps are the primary interaction interface whose integrity needs to be safeguarded and validated

Context Influences Risk

- The context of an interaction needs to be analyzed so appropriate security measures can be employed to counter plausible threats

Vigilance is a Necessity

- Monitoring security events allows the ability to assess the completeness of the security posture as well as detect intentional and unintentional actions that may compromise it

Mobile App Security: Defending the Software

- ❖ Consistently apply and enforce best practices during Development
- ❖ Perform vulnerability analysis during Testing

**Develop
& Test**

Deliver

- ❖ Provide or employ a secure channel for delivering apps



Update

Execute

- ❖ As threats evolve recognize required updates and establish a process for pushing them to users

- ❖ Employ a secure runtime environment to safeguard app data
- ❖ Perform checks to validate the integrity of apps





IBM Security recently predicted mobile computing devices should be more secure than traditional user computing devices by 2014. This report covers today's secure software mobile application development initiatives and how security executives advocate the separation of personas or roles on employee-owned devices.

IBM X-Force® 2012 Annual Trend and Risk Report

→ Download and read about emerging security threats and trends.



URL: <http://ibm.co/xforce12>





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