Mobile India 2014 – Mobile Cloud

Security issues pertaining to adoption of mobile cloud services

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Lessons in Security

• Recent incident with a popular mobile application
• Application allows for sharing of content amongst friends where the application only allows for a single view and then deletes the content, avoiding copies
• Flaw in API provided by the service whereby it was easy to query associated contacts with a number, easily and out of context
• Eventually the flaw was exploited and a list of all users along with their numbers was published on the internet
• Raises questions around
  • How is third party data chaperoned
  • Who is it exposed to and in what context
  • What role does the application provider play in ensuring end user trust
Trends in mobile and cloud: security context

- **BYOD**
  - Profile management
  - Information security
  - Device management

- **Mobile Payments**
  - Secure identification
  - Trust Management
Global M2M Market Forecast

Global M2M connections 2011-22 by technology
Source: Machina Research, 2012
Possibilities

- Role of APIs in the combination of cloud and mobile
- Explosion of Apps and implication on APIs
- Mobile consumption will be driven largely by APIs
- API security will play center stage
- Mobiles will also play a role as gateways for sensors in IOT, thereby exposing APIs themselves back to the cloud
Thank You