

Android Security & Exploitation



Aditya Gupta (@adi1391)

Founder, Attify (<http://attify.com>)

adi@attify.com

Certifications : <http://securitytube-training.com>

Pentester Academy : <http://PentesterAcademy.com>

Android Hooking

What if?

- Want to analyze methods on the go and check what arguments are being passed
- Relies on custom protocols for communication
- Uses crypto (might be leaking key!)
- How do you analyse the application?

Tools we'll use

- **JDB :The Java Debugger**
- **AndBug**
- **Introspy**
- **Cydia Substrate**
- **Xposed framework**

Setting up InsecureBank

- Vulnerable app written by Dinesh Shetty (@Din3zh)
- Client - Server architecture
- `python app.py`
- Login to the application using `dinesh:dinesh@123$`