

Web of Trust?

NANOG67, Chicago
Christian Kaufmann

Disclaimer

- This is a private talk by Christian Kaufmann
- This is not about the Companies mentioned in this talk
- This is about us as a community and how we perceive Trust and Security

I am back on Facebook...

The screenshot shows a mobile view of a Facebook profile for Christian Kaufmann. At the top, the status bar shows AT&T LTE, 08:31, and 27% battery. The search bar contains the name "Christian Kaufmann". The profile picture is a kitten jumping in a field of green grass. Below the picture, the name "Christian Kaufmann" is displayed with "Friends" and "Following" buttons. The bio includes "It's complicated", "From Fucking, Austria", and "Born on September 17, 1974". Navigation tabs for "About", "Friends", "Photos", and "Check-Ins" are visible. The right sidebar shows a list of friends: Nurani Nimpuno (94 Mutual Friends), Jan Žorž (83 Mutual Friends), Aiste Buinauskaite (44 Mutual Friends), and Andrew Alston (32 Mutual Friends). Below the friends list is a "Photos" section with one photo and a "Recent Check-ins" section showing a check-in at Aarhus, Denmark on May 29, 2016. At the bottom, there are buttons for "Write Post" and "Share Photo", and a navigation bar with icons for News Feed, Requests, Messenger (with 1 notification), Notifications (with 2 notifications), and More.

AT&T LTE 08:31 27%

< Christian Kaufmann


 Friends

 **Christian Kaufmann** Following Message


♥ It's complicated
🏠 From Fucking, Austria
📅 Born on September 17, 1974

About Friends Photos Check-Ins

Write Post Share Photo


 **Christian Kaufmann**

Friends

-  **Nurani Nimpuno**
Head of Outreach & Communi...
94 Mutual Friends
-  **Jan Žorž**
Works at Internet Society
83 Mutual Friends
-  **Aiste Buinauskaite**
VP Sales at New Continuum H...
44 Mutual Friends
-  **Andrew Alston**
University of Cape Town
32 Mutual Friends

See More

Photos



Recent Check-ins

-  **Aarhus, Denmark**
Central Denmark Region
Visited on May 29, 2016

See More

News Feed Requests Messenger Notifications More

actually I am not...

- This is not me or my account
- Someone created an account and invited 20 people initially (seed group)
- Afterwards the existing 20 suggested new ones and did the expansion
- 150 accepted the friend request in 3 days
- Nobody seemed to be concerned about
 - my birth town: F**king in Austria
 - The cat picture above my profile picture

Do we have a problem here?

- Out of 170 friends:
 - just 3 asked out of band to validate if I came back and why
 - 12 chats with people who where not realizing that it was not me
 - 4 or more denied the request eventually but nobody told about the account
- FB authentication is used for many 3rd pary apps and portals
 - I have now also a Tinder account and god knows what else
- This account has now critical mass, nobody challenges its validity anymore and all that was needed was one picture!!!

Do we have a problem here?

- So how much do you trust "me" now as you believe this is really "me"?
 - Would you configure a router or session if my FB messenger asks you for it?
 - Would you give me NDA info over this?
 - Would you difference between personal and professional info and trust over this medium?
- Whatever you would do for me... you would now do for this fake account.

Solutions?

- Should we verify and validate our friends on Social Media?
 - Like Paypal or Airbnb?
 - Out of band authentication like txt or email?
- Claim your space: Create a new account on every social app and media to prevent hijacking?

Lessons learned...

- I will take over "my" FB account by end of the week 😊
- I will spend more time with you guys in RL so you know me better and will not fall for kitten pictures in the future 😊