Social Cybersecurity Applying Social Psychology to Improve Cybersecurity



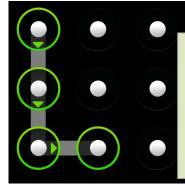
Challenge

 How to get people to change cybersecurity behaviors?

Solution

- Interviews with 19 people to understand social influences
- Large-scale study with 50000 Facebook users
- Analysis of factors influencing adoption of cybersecurity features





Android 9-dot authentication. Many people learned about this feature by seeing others using it. High observability can improve adoption.

Scientific Impact

- Connecting social psych with cybersecurity
- Many behavior changes linked to observability, seeing others benefit
- NSA Best Cyberscurity Paper of 2015 (honorable mention)

Broader Impact

- New tools for researchers and practitioners
- Easy for orgs to adopt

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