

# Hacks, viruses, identity based attacks - how easy can companies be exploited?

Matan Fattal, Co-Founder & President, SilverFort

26 May 2018

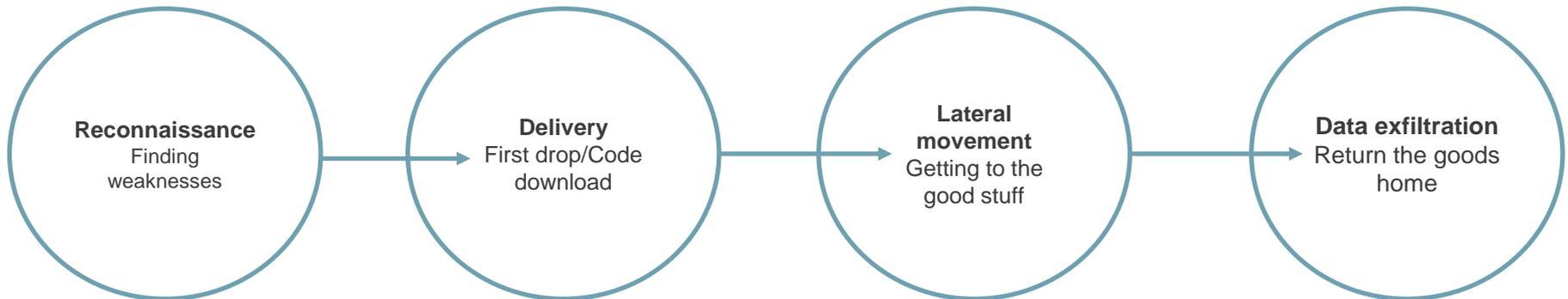


## Cyber Security general overview.

- **Cybercrime damage costs to hit \$6 trillion annually by 2021.**  
[CyberSecurity Ventures](#)
- **Cybersecurity spending to exceed \$1 trillion from 2017 to 2021.**  
[CyberSecurity Ventures](#)
- **In Q3 2016 alone, 18 million new malware samples were captured.** [Panda security](#)
- **78% of people claim to be aware of the risks of unknown links in emails. And yet they click anyway.** [Friedrich-Alexander University \(FAU\)](#)

## Stages of an attack

### What is an APT? (Advanced persistent threat)



## SQL Injection

\$query = "select count(\*) from users where username = '\$username' and password = '\$password' ";

**What if \$password will be: bla' or 1=1??**

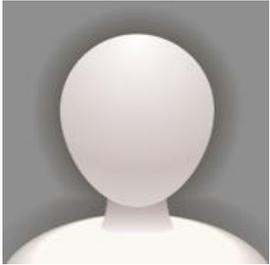
\$query = "select count(\*) from users where username = '\$username' and password = 'bla' or 1=1 ";

# Sony Picture Breach – [More info](#)

## When Kim Jong-Un gives you a bad review

- November 21 - Email sent to Sony execs asking for money
- November 24 - Sony Picture's Entertainment hacked by Guardians of Peace
- November 27 - Information begins to be leaked
- December 5 - Employees asked to repudiate Sony; GOP threaten violence
- December 7 - North Korea denies all involvement
- December 8 - GOP demand that The Interview be pulled
- December 19 - FBI concludes that North Korea perpetrated attack
- December 21 - North Korea threatens violence if US retaliates
- December 22 - US asks North Korea to compensate Sony

## Key Contacts



**Matan Fattal**

President, Co-Founder

T +44 20 7825 0000

T +972-584-111119

E [matan@silverfort.io](mailto:matan@silverfort.io)



Follow us on Twitter [@Simmons\\_LL](https://twitter.com/Simmons_LL)P

# Hacks, viruses, identity based attacks - how easy can companies be exploited?

simmons-simmons.com  
elexica.com  
@Simmons\_LL

This document is for general guidance only. It does not contain definitive advice. SIMMONS & SIMMONS and S&S are registered trade marks of Simmons & Simmons LLP. Simmons & Simmons is an international legal practice carried on by Simmons & Simmons LLP and its affiliated practices. Accordingly, references to Simmons & Simmons mean Simmons & Simmons LLP and the other partnerships and other entities or practices authorised to use the name "Simmons & Simmons" or one or more of those practices as the context requires. The word "partner" refers to a member of Simmons & Simmons LLP or an employee or consultant with equivalent standing and qualifications or to an individual with equivalent status in one of Simmons & Simmons LLP's affiliated practices. For further information on the international entities and practices, refer to [simmons-simmons.com/legalresp](http://simmons-simmons.com/legalresp). Simmons & Simmons LLP is a limited liability partnership registered in England & Wales with number OC352713 and with its registered office at CityPoint, One Ropemaker Street, London EC2Y 9SS. It is authorised and regulated by the Solicitors Regulation Authority. A list of members and other partners together with their professional qualifications is available for inspection at the above address.