

Emotet in The News



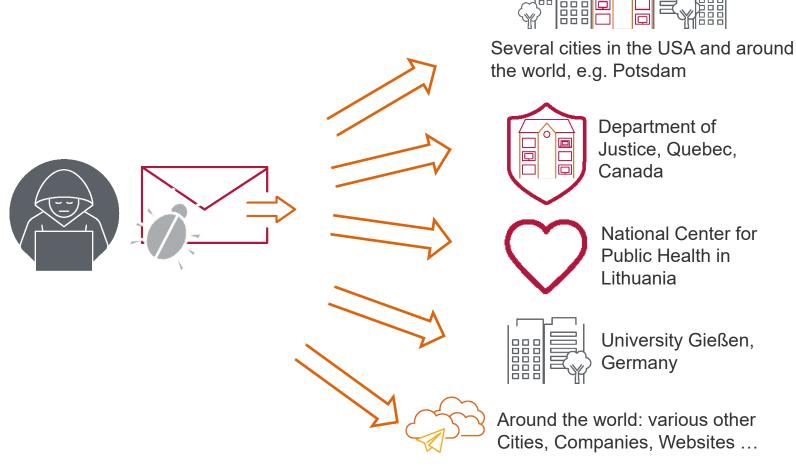
Over the past years, **Emotet** has produced news headline in various fields with severe results

- It accounts for 7% of malware infections globally based on Check Point's Global Threat Index from December 2020
- So far, Emotet has managed to infect various institutions around the world

Emotet in The News (2/2)



Emotet infections over the last years:







The malware **Emotet** is classified as a virus

- Needs interaction from the user to infect a system and spread further
- Usually spread via emails with malicious attachments or links to malicious URLs
- Has to be actively accessed / opened by user ...





- In regard to the actions taken by the malware,
 Emotet could not be specifically classified
- It serves as a staging malware and will thus be used to deliver further kinds of malware to a target system
- Those can be various:
 - trojans
 - ransomware
 - scareware
 - keylogger
 - ...



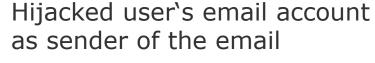


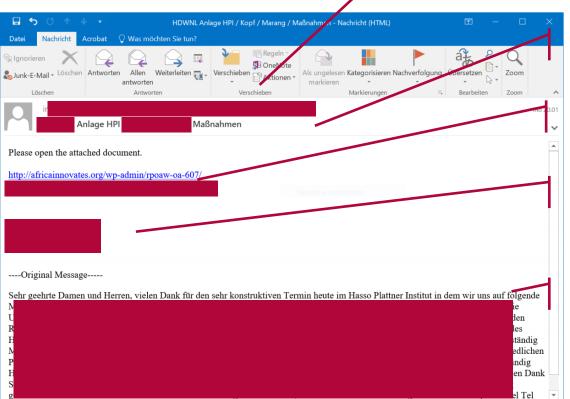
Compared to "usual" spam emails...

- Emotet spam emails are particularly dangerous because they appear to be very realistic
- Upon infection, Emotet collects data from the user's email account
 - with whom the user communicates
 - which are the current topics that the users communicates about? (email subjects, email contents)
- Emotet then uses such kind of information to send further emails from infected email accounts to other users
- Spam emails from Emotet therefore look really realistic









Subject of a previous email

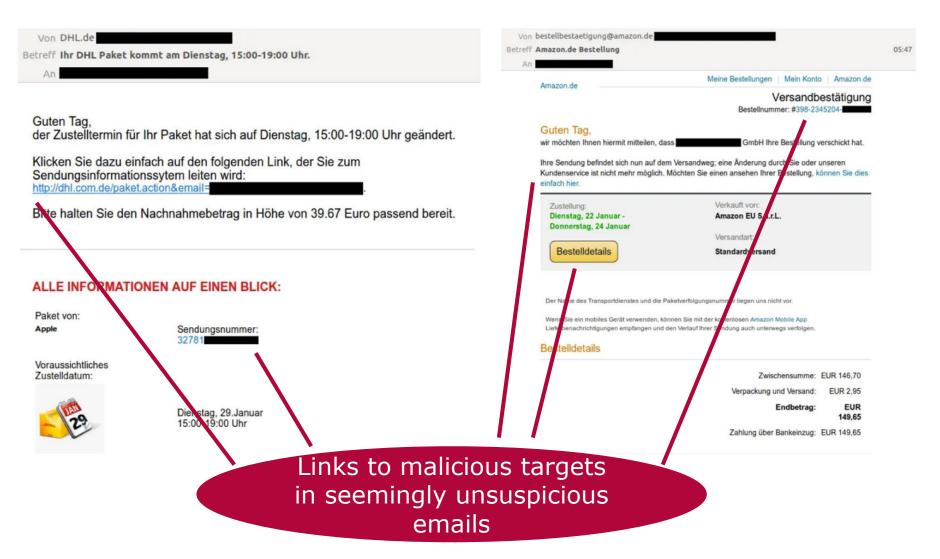
Attached, malicious link

Email signature from the hijacked user

Content from the previous messages in the conversation







How Can You Recognize Phishing Emails?



- Be suspicious of mails that you do not expect
- Missing personal salutation (just: "Hello" or "Dear customer")
- Wrong language, e.g., "you use Amazon" in English but received email is in German)
- Typos or misformattings (no more in well-crafted phishing mails)
- Apparent sender address is not consistent with real (technical) sender
- **Strange link targets**: move the mouse pointer over a link or image button in the email and wait for a tooltip to appear. The tooltip will contain the real link target. Do not click the link if the the URLs are **different**