















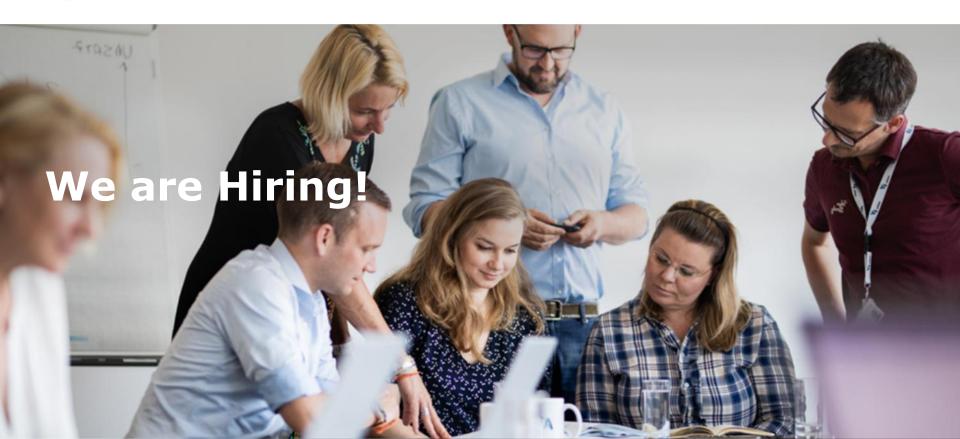


About me

- David Wind (<u>David.Wind@a1.digital</u>)
- Security Consultant / Penetration Tester / Social Engineer @A1 Digital
- Privacy enthusiast and bug bounty hunter
 - Acknowledgments: Microsoft, Google, Netflix, XING and others
- @slashcrypto
- slashcrypto.org

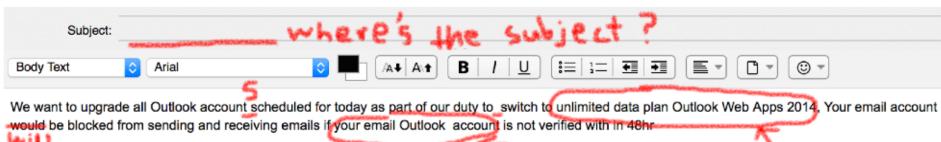






Phishing Emails





Will

You are advised to visit our verification portal Click HERE and re-login to effect the change. Upgrade your Outlook Sincerely,

IT Help desk.



Webex meeting invitation:



O WEBEX <messenger@webex.com>

Tuesday, November 5, 2019 at 7:30 AM

Show Details

WEBEX invites you to join this Webex meeting.

Meeting number (access code): 700 707 229

Meeting password: bHfwH243

Tuesday, 05. November 2019

13:00 | (UTC+01:00) Brussels, Copenhagen, Madrid, Paris | 1 h

http://secure-web.cisco.com/

Join meeting

Join by phone

+44-203-478-5289 Ur

Global call-in numbers UY

1_fwMk4jO60WtxLwI2ZRa_38wl52_m1YNKunEqHF 9WB6rd86BpZ4lScjEbAZ3OeU4pd0JsBC5YjkNlC5 r9vdk8NpyD4zkd8w0OWatnkdN8@IHKMnjP0mvZ H_NgGBpyy78YM1l8NNE7zTqX9OsdkPJhOFKzuge 1aVqnw9uyjwdF1AVZcbdll5Xj8FHdfUoJNeyU7pOP wY7kJKOXe0chSeD5B0w8rTbQz81VWTMmG-ArsrjywoWSOVLGI8NcMyocPNzLMLK0dZdRUGTjS

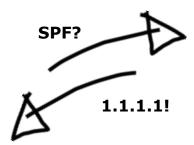
http%3A%2F%2F185.12.29.38%2Fyjqf%2Fwebex.e



Spoofing Emails



ns1.a1.digital







MAIL FROM: david.wind@a1.digital

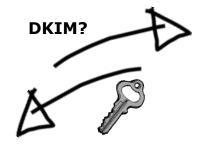




@a1.digital 1.1.1.1



ns1.a1.digital







MAIL FROM: david.wind@a1.digital





Lookalike Domains

mirosoft.com

netlfix.com

micrsoft.com

unqia.com

spakrasse.at



Punycode



Punycode Domains

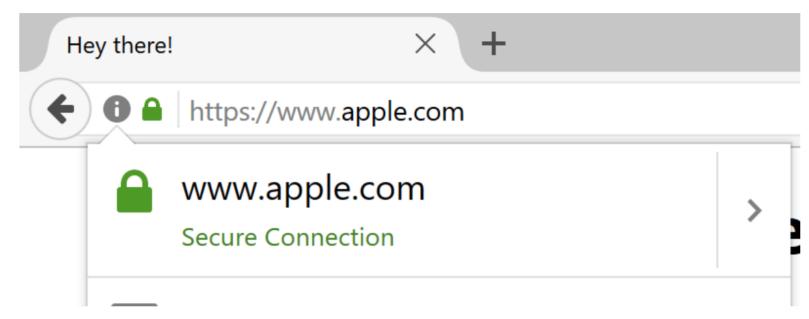
- Special encoding to convert Unicode to ASCII
- Firefox still vulnerable by default





Phishing with Unicode Domains

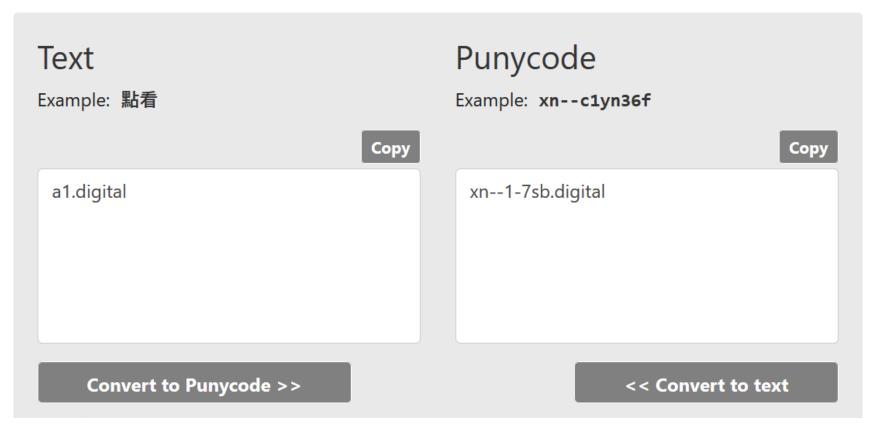
Posted by Xudong Zheng on April 14, 2017



Before I explain the details of the vulnerability, you should take a look at the <u>proof-of-concept</u>.

Punycode converter

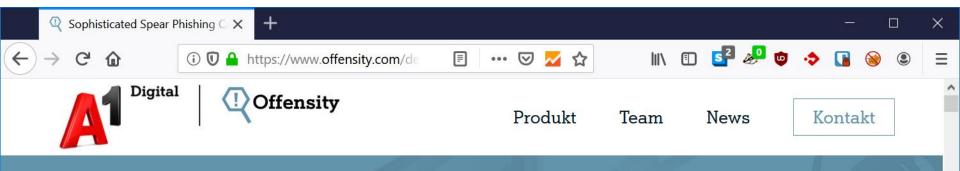
or an IDN converter, a tool for Punycode to Text/Unicode and vice-versa conversion





What about Emails ???





Sophisticated Spear Phishing Campaigns using Homograph Attacks

David (@slashcrypto), 22. Mai 2019

Sign Up for our new Security Awareness Course







Forward

...

Retention Policy A1 - E-Mail-Policy: Posteingang - Nach 3 Jahren löschen (3 years)

Expires 5/25/2022

Hello Tero

Sign Up for our new Security Awareness Course

You can fi https://a:

Bud Spencer <bud.spencer@a1.digital>

To Wind David

Kind Rega

Retention Policy A1 - E-Mail-Policy: Posteingang - Nach 3 J Expires 5/25/2022

Bud

This email has been sent from an international address and contains characters from mulalike. Click here to learn more.

Bud Spen Security

Professional Services

A1 Digital International GmbH Lassallestraße 9 1020 Wien

M +43 664 66 12345 F +43 50 664 9 54321

@ bud.spencer@a1.digital

Reply Reply All Sproward

BS

Bud Spencer < bud.spencer@a1.digital> terence.hill@offensity.com

Sign Up for our new Security Awareness Course

Hello Terence,

You can find the registration link for our security awareness training below:

https://a1.digital/security-awareness-training

Kind Regards

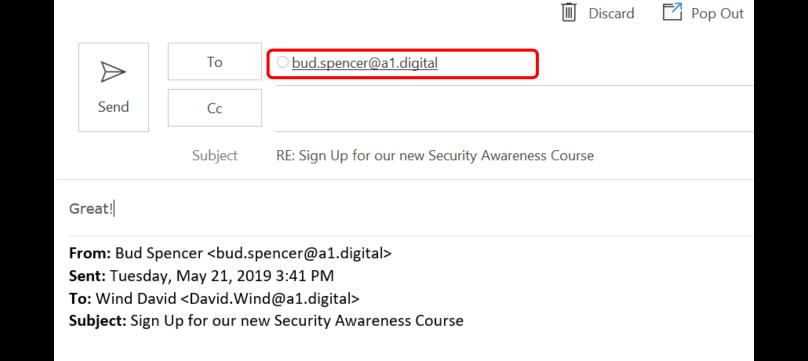
Bud

Bud Spencer

Security

Professional Services





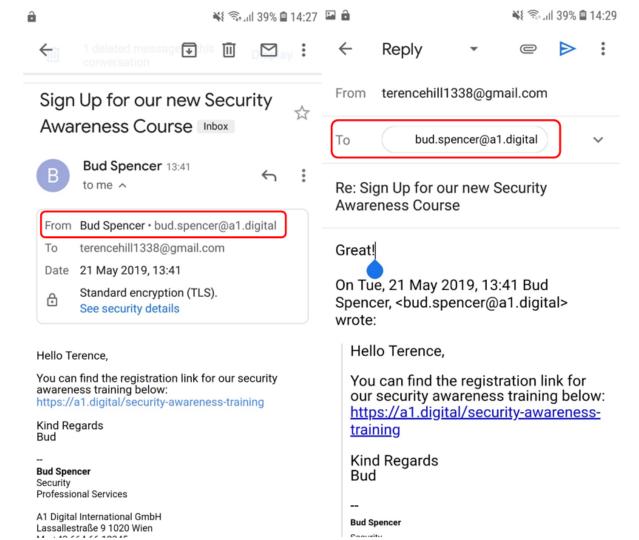
Hello Terence,

You can find the registration link for our security awareness training below:

https://a1.digital/security-awareness-training
Kind Regards

Bud

Gmail Android



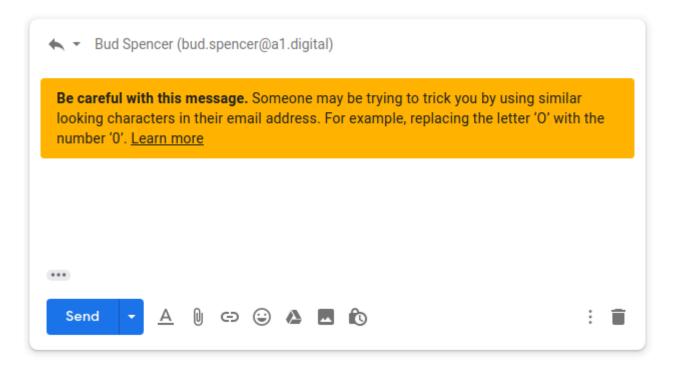


Gmail Web





Gmail Web





Outlook Web

Sign Up for our new Security Awareness Course

Label: A1 - E-Mail-Policy: Posteingang - Nach 6 Monaten löschen (6 months) Expires: Sun 17 Nov 2019 14:16

Bud Spencer <bud.spencer@a1.digital> Di, 21.05.2019 15:16





Hello Terence.

You can find the registration link for our security awareness training below: https://a1.digital/security-awareness-training

Kind Regards Bud

Bud Spencer

Security

Professional Services











Outlook Android

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Bud Spencer

bud.spencer@xn--1-7sb.digital

To You

Tuesday, 21 May, 14:35

Hello Terence,

You can find the registration link for our security awareness training below: https://a1.digital/security-awareness-training

Kind Regards Bud

-

Bud Spencer

Security
Professional Services

A1 Digital International GmbH Lassallestraße <u>9 1020</u> Wien M <u>+43 664 66 12345</u> F <u>+43 50 664 9 54321</u> @ <u>bud.spencer@a1.digital</u>





Thunderbird

From Bud Spencer < bud.spencer@a1.digital>☆

Subject Sign Up for our new Security Awareness Course

To Me☆

To Me☆

Hello Terence,

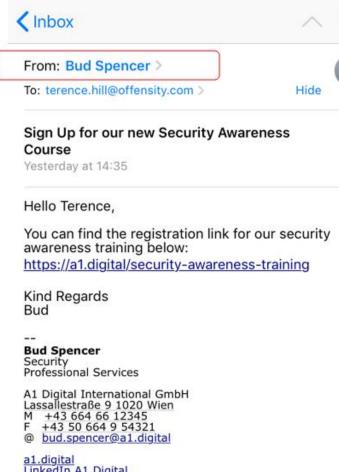
You can find the registration link for our security awareness training below: https://a1.digital/security-awareness-training

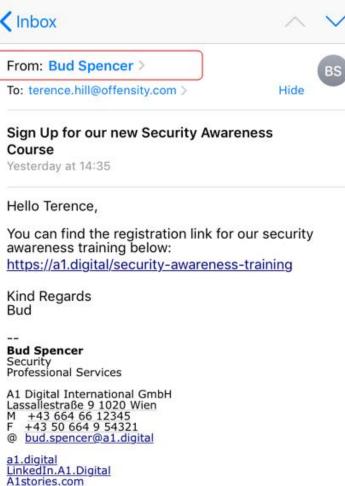
Kind Regards Bud

Bud Spencer Security Professional Services



< Inbox **Apple** From: Bud Spencer > To: terence.hill@offensity.com > Course Yesterday at 14:35 Hello Terence, awareness training below: Kind Regards Bud **Bud Spencer** Security Professional Services A1 Digital International GmbH Lassallestraße 9 1020 Wien









Bud Spencer









other

bud.spencer@xn--1-7sb.digital

Add to VIP

Send Message

Share Contact

Share My Location



Registered office in Vienna, Commercial Register no. 366000K Registered at Commercial Court Vienna

Overview

| | Detectable when reading Mail | Detectable when replying to Mail |
|---------------------|------------------------------|----------------------------------|
| Outlook for Windows | NO | NO |
| Outlook for Mobile | YES | YES |
| Office365 Web | NO | NO |
| Gmail Web | NO | YES |
| Gmail Android | NO | NO |
| IMail (Mobile) | YES | YES |
| Thunderbird | NO | NO |



Phishing Websites





..Modlishka..

Modlishka is a powerful and flexible HTTP reverse proxy. It implements an entirely new and interesting approach of handling browser-based HTTP traffic flow, which allows to transparently proxy multi-domain destination traffic, both TLS and non-TLS, over a single domain, without a requirement of installing any additional certificate on the client. What does this exactly mean? In short, it simply has a lot of potential, that can be used in many use case scenarios...

What else ...?



Collecting NTLMv1/v2 (Net-NTLM) Hashes



NBT-NS, LLMNR & MDNS Responder 2.3.3.9

Author: Laurent Gaffle (laurent.gaffle@gmail.com)
To kill this script hit CTRL-C

[+] Poisoners:

LLMNR [ON] NBT-NS [ON]

[ON]

DNS/MDNS

[+] Servers:

Auth proxy | GFF | SMB server | [ON] | Kerberos server | [ON] | SQL server | [ON] | FTP server | [ON]

 IMAP server
 [0N]

 POP3 server
 [0N]

 SMTP server
 [0N]

 DNS server
 [0N]

LDAP server [ON]

[+] Poisoning Options: Analyze Mode

Fingerprint hosts

Force LM downgrade

[+] Generic Options:

File Edit View VM Tabs Help 📕 11 📝 💆 🛂 🖾 🚾 🔛 🚾 W Windows 10 x64 🗱 🛅 Windows Server 2003 Standard x... 💥 🚳 Windows Server 2012 x > Q Recycle Bin Macrosoft W Bhitsiniggeletex H 🔚 🟦 옅 🔤 ^ 및 ♠ (0) FRA Type here to search 8/13/2019 30 B 2 5 6 6 5 To return to your computer, move the mouse pointer outside or press Ctrl-Alt.

Error starting UDP server on port 5355, check permissions or other servers running.
 Error starting UDP server on port 5353, check permissions or other servers running.

[+] Listening for events...



