Security

Privacy

- physical security
  - files
  - browser history
  - cookies, sessions

dell.com

MacBook Pro
esc
delete
tab
caps lock
enter
return
shift
shift
fn
control
option
command
command
option

apple.com

DELETE COOKIES?!
gegen-den-strich.com
FERNANDEZ

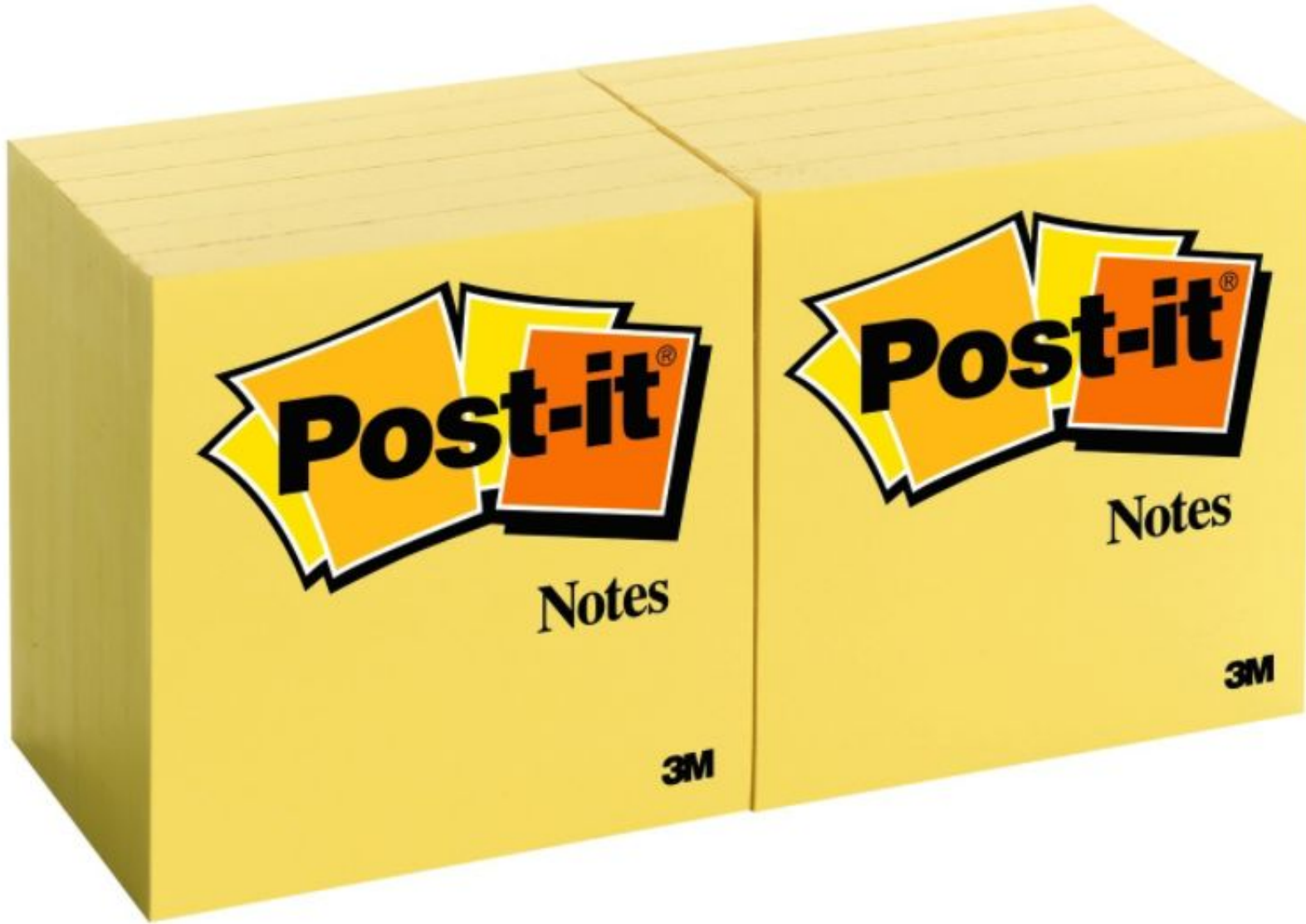
```
GET / HTTP/1.1
Host: example.com
```

```
HTTP/1.1 200 OK
Set-Cookie: session=29823bf3-075a-433a-8754-707d05c418ab
```

Authentication

- passwords
  - length, post-it notes, easy to guess
  - hashed server-side or not
  - resetting (emailed in clear?)
  - using on other sites
  - change vs not change

1. 123456
2. 123456789
3. qwerty
4. 12345678
5. 111111
6. 1234567890
7. 1234567
8. password
9. 123123
10. 987654321



officedepot.com

- two-factor authentication
  - keyfob, app, sms
- [emphasize tradeoffs]

rsa.com

google.com

apple.com

Network Security

- network security
  - wifi WEP, WPA
  - xfinity injection
  - firewall
  - vpn

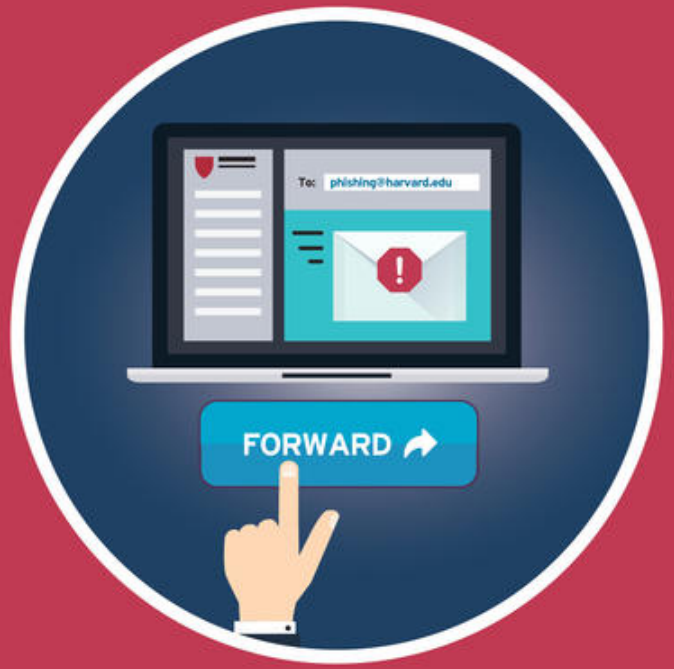
quora.com

Encryption

- encryption
  - symmetric: caesar [discuss key size]
  - public-key: RSA

Phishing

Report Phishing



Deleting helps you, reporting helps everyone.

phishing@harvard.edu

Learn to click wisely at security.harvard.edu.

HARVARD UNIVERSITY

Small Actions. Big Difference.
You help keep Harvard secure.

Malware

- phishing
- virus, worms, malware, botnets

Trust

Security