Hashing

m || H(m)

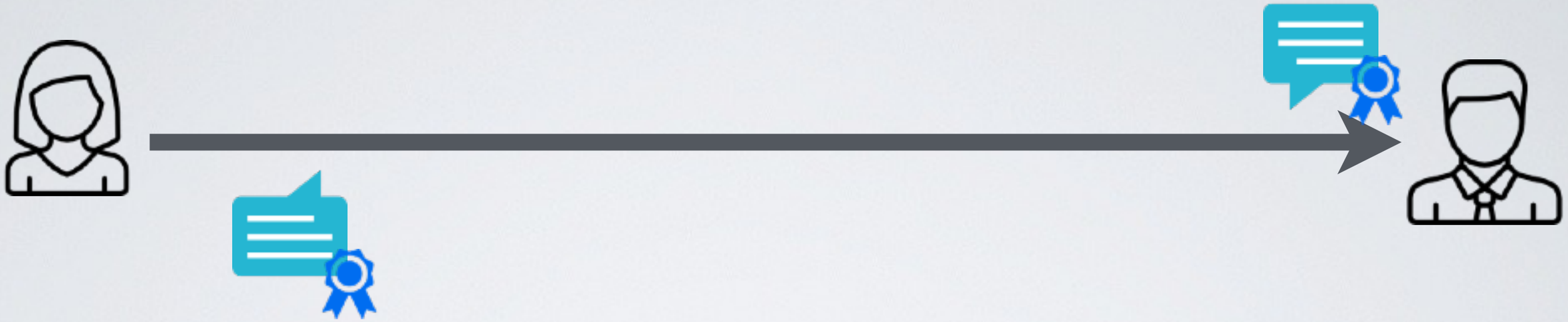
Apache HTTP Server 2.4.23 (httpd): 2.4.23 is the latest available version

The Apache HTTP Server Project is pleased to announce the release of version 2.4.23 of the Apache HTTP Server ("Apache" and "httpd"). This version of Apache is our latest GA release of the new generation 2.4.x branch of Apache HTTPD and represents fifteen years of innovation by the project, and is recommended over all previous releases!

For details see the Official Announcement and the CHANGES_2.4 and CHANGES_2.4.23 lists

- Source: httpd-2.4.23.tar.bz2 [PGP] [MD5] [SHA1]
- Source: httpd-2.4.23.tar.gz [PGP] [MD5] [SHA1]

Hashing



$m \| H(m)$

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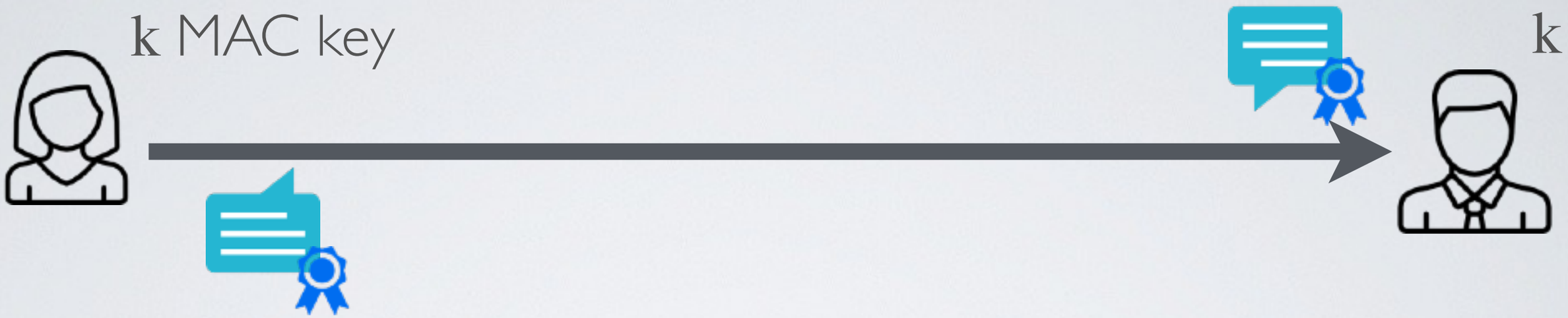
- Source: httpd-2.4.23.tar.gz [PGP] [MD5] [SHA1]

MAC - Message Authentication Code



$$m \,||\, MAC_k(m)$$

Alice an Bob share a key k

➡ HMAC - use a hash function on the message and the key

$$MAC_k(m) = H(k \,||\, m)$$