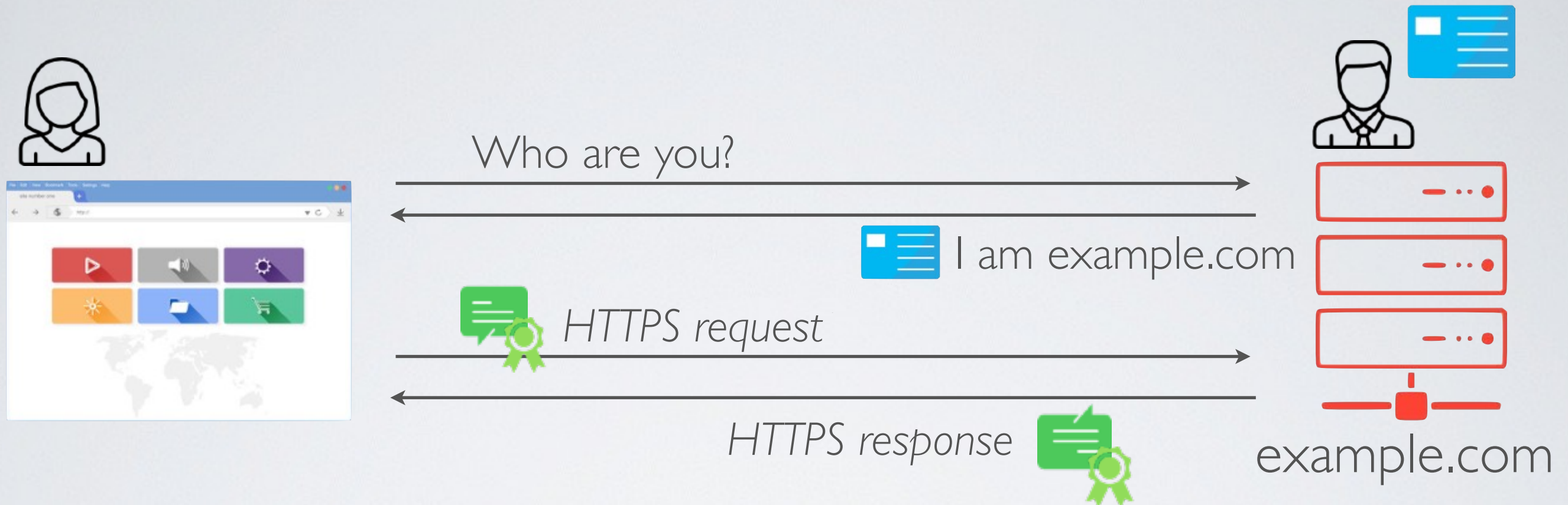


This how HTTPS works



✓ **HTTPS = HTTP + TLS**

- ➔ TLS - Transport Layer Security (a.k.a SSL) provides
- **confidentiality** : end-to-end secure channel
 - **integrity** : one-way authentication handshake

simplified and one-way authentication

TLS 1.2 (2008)

