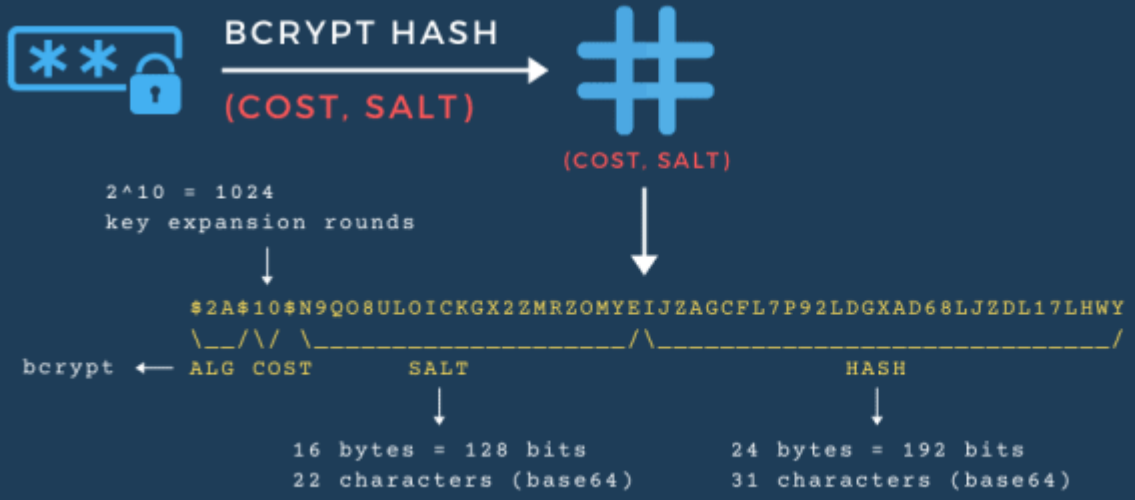
Securely store password?

Hash it & store its hash value



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JSON Web Token - JWT

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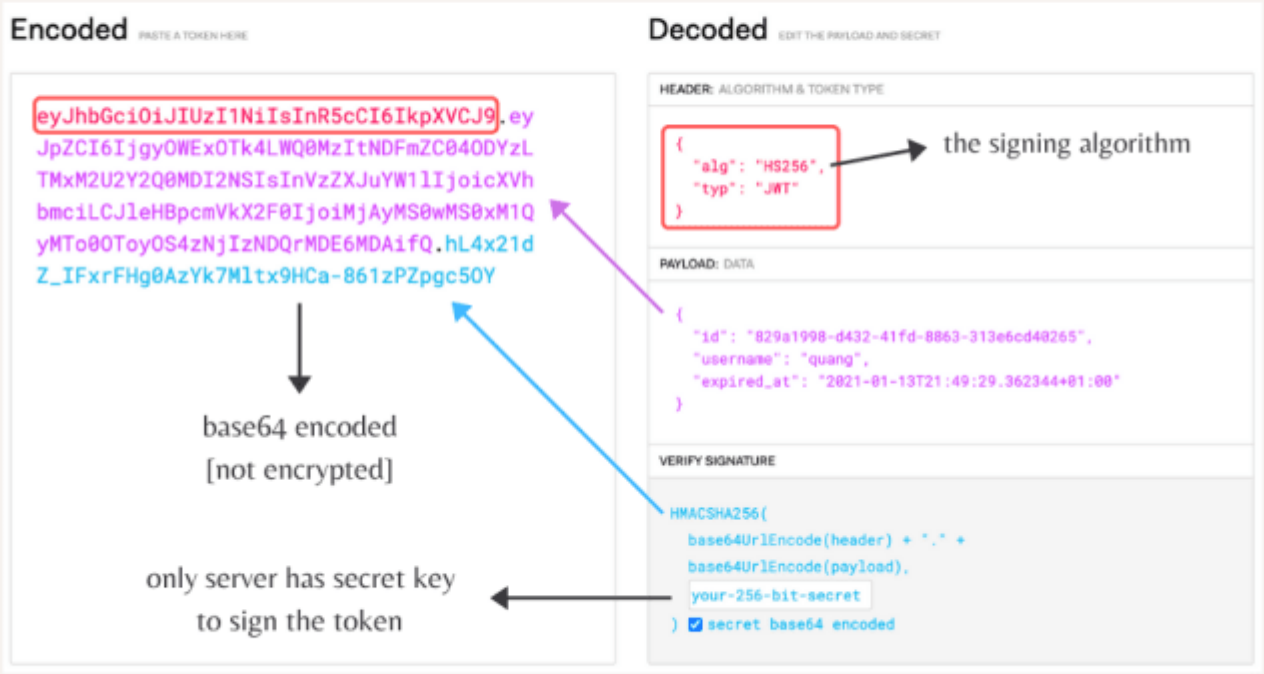

JWT SIGNING ALGORITHMS

Symmetric digital signature algorithm

- The same secret key is used to sign & verify token
- For local use: internal services, where the secret key can be shared
- HS256, HS384, HS512
  - HS256 = HMAC + SHA256
  - HMAC: Hash-based Message Authentication Code
  - SHA: Secure Hash Algorithm
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- RS256, RS384, RS512 || PS256, PS384, PS512 || ES256, ES384, ES512
  - RS256 = RSA PKCSv1.5 + SHA256 [PKCS: Public-Key Cryptography Standards]
  - PS256 = RSA PSS + SHA256 [PSS: Probabilistic Signature Scheme]
  - ES256 = ECDSA + SHA256 [ECDSA: Elliptic Curve Digital Signature Algorithm]