HMAC

AMAR based on hashing is faster and works using variable length hash functions.

The HMAC algorithm works as fullows -

HMAER(m) = Hs, ((k⊕ opad) | Hs, ((k⊕ ipad) | m))

where $H_N(x)$ is the variable length hash of $x \in S$ opad = Ox36 repeated as many times as regular ipad = Ox5C repeated """

