

- (1) Origin generates n shared keys k (origin already has a public key PK and private key PK^{-1})
- (2) Origin generates $HMAC_{k_1}(URL), \{content\}_{k_1}, \{cert\}_{k_1}, \dots, HMAC_{k_n}(URL), \{content\}_{k_n}, \{cert\}_{k_n}$
- (3) Cache nodes pull $HMAC_{k_1}(URL), \{content\}_{k_1}, \{cert\}_{k_1}, \dots, HMAC_{k_n}(URL), \{content\}_{k_n}, \{cert\}_{k_n}$