

Contents of extra data:

Check Balance: $\overline{\mathsf{ID}}_{\mathsf{HSM}}$, nonce

Change PIN:

pk_{newPIN} ID_{HSM}, nonce_{HSM}, amount Withdraw:

Contents of response:

Check Balance: "ERROR" or Enc_{kHSM}(CHECK_BALANCE | nonce_{HSM} | balance)
Change PIN: "OKAY" or "ERROR <some error message>"

Change PIN:

"ERROR" or Enc_{kHSM}(WITHDRAW | nonce_{HSM} | amount) Withdraw: