

IKpsk2 Reponse

Initiator

$$(S_i^{pub}, S_i^{priv}), (E_i^{pub}, E_i^{priv})$$

Responder

$$(S_r^{pub}, S_r^{priv}), (S_i^{pub}, E_i^{pub})$$

$$(E_r^{pub}, E_r^{priv}) \leftarrow \text{ECDH-Generate}()$$

$$ee \leftarrow \text{ECDH}(E_r^{priv}, E_i^{pub})$$

$$se \leftarrow \text{ECDH}(E_r^{priv}, S_i^{pub})$$

$$E_r^{pub}, \text{AEAD.Enc}(\epsilon)$$

$$ee \leftarrow \text{ECDH}(E_i^{priv}, E_r^{pub})$$

$$se \leftarrow \text{ECDH}(S_i^{priv}, E_r^{pub})$$