Executing Secret contracts

Learn how to execute Secret Network smart contract on EVM with secret-network-ccl npm package WithexecuteSecretContract you can execute any SecretPath-compatible smart contract on Secret Network.

Select the EVM chain that you want to use to execute the Secret Network smart contract and update your secretPathAddress with thecorrect gateway contract address . We are using Sepolia:

```

Copy letsecretPathAddress="0x3879E146140b627a5C858a08e507B171D9E43139";

```

For this example, we are going to execute the key value store contract on Secret Network.

executeSecretContract requires the SecretcontractAddress ,codeHash ,handle (ie the function you want to execute in the Secret Network contract), and any parameters needed for the handle function, which in this case isdata andpassword .

```

Copy const{executeSecretContract}=require('./node_modules/secret-network-ccl') constdotenv=require('dotenv'); dotenv.config();

constcontractAddress="secret1s79j3uaa0g49ncur884vv80ucz7hdwgltgke52"; constcontractCodeHash="f0947ac3d0459bd5ccc24a43aa18762325f7582dc7919b4557ecf98b81345261"; letprivateKey=process.env.PRIVATE_KEY; letendpoint=https://sepolia.infura.io/v3{process.env.INFURA_ENDPOINT}; letsecretPathAddress="0x3879E146140b627a5C858a08e507B171D9E43139"; letdata={ key:"data",value:"moonbeam"} letpassword={ key:"password",value:"1234"}; lethandle="request_encrypt";

executeSecretContract( privateKey,endpoint,secretPathAddress,routing_contract,routing_code_hash,handle,data, password);

```

Call the function to execute a Secret Network smart contract on EVM:

```

Copy Transaction sent!Hash:0x925d1f0c3a4048799026ec52b434512d61408a018346ce2750863700934f1a9d Transaction confirmed!Block Number:6155238

```

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