Encrypted Payloads

Learn how to encrypt payloads on EVM with secret-network-ccl npm package WithencryptData you can encrypt astring in a Secret Network smart contract which can be queried with apassword.

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 . For this example we are using Sepolia:

```

Copy letsecretPathAddress="0x3879E146140b627a5C858a08e507B171D9E43139";

```

encryptData requiresprivateKey ,endpoint ,secretPathAddress ,data, andpassword parameters:

```

Copy const{encryptData}=require('./node_modules/secret-network-ccl')

letprivateKey=process.env.PRIVATE_KEY; letendpoint=https://sepolia.infura.io/v3{process.env.INFURA_ENDPOINT}; letsecretPathAddress="0x3879E146140b627a5C858a08e507B171D9E43139"; letdata="I want to encrypt this data"; letpassword="password";

encryptData(privateKey,endpoint,secretPathAddress,data,password);

```

Execute the function to encrypt your data on EVM:

```

Copy Transaction sent! Hash:0x3cabab1b7a7f421b8f59890b335febfc1a5ccdc2cd547d2bcd80e6e6cf789e48 Transaction confirmed!Block Number:6155124

```

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