

Hedera Discord Activity Report

**1770 Relevant Comments Captured between
2023 and 2023**



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1. error;incorrect;issue;wrong;fix;pain

Comments in 2023



1. By ohm_pathorn in the Smart Contracts Channel on 08/30/2023

Hi Jaycool, there was a problem with the account/contract id conversion to EVM address from the SDK. However, it should have been fixed. Please try upgrading the sdk to the latest version 2.32.0. Let me know if you the problem still persists.

2. By aaditya_62740 in the Java Channel on 08/30/2023

Can anyone please help me or should I create a new issue on library?

3. By superdev1114 in the Developer General Channel on 08/29/2023

I got issue when I remove []

15. By grga_68651 in the Developer General Channel on 08/28/2023

Issue created: <https://github.com/hashgraph/hedera-json-rpc-relay/issues/1688>

16. By ohm_pathorn in the Developer General Channel on 08/28/2023

This looks like an issue on JSON RPC indeed. Could you please create an issue on this repo so the engineering team can take a look? <https://github.com/hashgraph/hedera-json-rpc-relay/issues> Really appreciate your feedback

17. By grga_68651 in the Developer General Channel on 08/28/2023

Does anyone know why I am getting following error when trying to deploy smart contract:

```
HeadersTimeoutError: Headers Timeout Error
    at Timeout.onParserTimeout [as callback] (/Users/gmaricic/barrage/expertise/contract-dm/node_modules/undici/lib/client.js:931:28)
    at Timeout.onTimeout [as _onTimeout] (/Users/gmaricic/barrage/expertise/contract-dm/node_modules/undici/lib/timers.js:20:13)
    at listOnTimeout (node:internal/timers:573:17)
    at process.processTimers (node:internal/timers:514:7) {
  code: 'UND_ERR_HEADERS_TIMEOUT'
}
```

18. By superdev1114 in the Developer General Channel on 08/28/2023

Otherwise it doesn't work with invalid metadata issue.

19. By grga_68651 in the Developer General Channel on 08/28/2023

```
ProviderError: [Request ID: a1548de2-639d-4176-b763-6e5e551b8fd7] Requested resource not found. address '0x57C4C10efEBB742c3E5556261DA954F2ED45d033'.
    at HttpProvider.request (/Users/gmaricic/barrage/expertise/contract-dm/node_modules/hardhat/internal/core/providers/http.js:78:27)
    at process.processTicksAndRejections (node:internal/process/task_queues:95:5)
    at async EthersProviderWrapper.send (/Users/gmaricic/barrage/expertise/contract-dm/node_modules/@nomiclabs/hardhat-ethers/internal/ethers-provider-wrapper.js:11:24)
```

20. By grga_68651 in the Developer General Channel on 08/28/2023

Hi, I am trying to deploy contract to hedera using hardhat and I am getting following error:

21. By superdev1114 in the Smart Contracts Channel on 08/28/2023

Yes, I fixed that issue.

22. By ohm_pathorn in the Smart Contracts Channel on 08/28/2023

The error indicates that you try to use the smart contract to perform the restricted actions like token transfer, associate token, etc on behalf of the caller.

23. By ohm_pathorn in the Developer General Channel on 08/28/2023

Could you please share the code that calls `mintNft`? The error indicates that the metadata of the NFT is invalid.

24. By samuelnihoul in the Javascript Channel on 08/27/2023

Hey, is there anything wrong with this code?

```
`
async function mintKM() {
  let mintTx = new TokenMintTransaction()
    .setTokenId(KMID)
    .freezeWith(client);
  let mintTxSign = await mintTx.sign(supplyKey);
  let mintTxSubmit = await mintTxSign.execute(client);
  let mintRx = await mintTxSubmit.getReceipt(client);
  console.log(mintRx)
}`
```

Because the treasury is not receiving the token!
Even though the receipt contains status code 22, wich I believe is success.
This is the transaction in HashScan :
<https://hashscan.io/mainnet/transaction/1693048389.812523003>

25. By superdev1114 in the Developer General Channel on 08/26/2023

@Ed Marquez

Could you help me with above issue?

26. By superdev1114 in the Developer General Channel on 08/26/2023

If I write other number not `0`, mint fails with below error..

27. By samuelnihoul in the Token Service Channel on 08/26/2023

Hey, is there anything wrong with this code?

```
async function mintKM() {
  let mintTx = new TokenMintTransaction()
    .setTokenId(KMID)
    .freezeWith(client);
  let mintTxSign = await mintTx.sign(supplyKey);
  let mintTxSubmit = await mintTxSign.execute(client);
  let mintRx = await mintTxSubmit.getReceipt(client);
  console.log(mintRx)
}
```

Because the treasury is not receiving the token!

28. By superdev1114 in the Smart Contracts Channel on 08/26/2023

Hi, hope you are doing well.

If you know this error when I mint nft using hedera smart contract, could you please kindly help me solve that?

29. By jaycoolslm in the Token Service Channel on 08/26/2023

When you say approval tx are you referring to the TokenGrantKyc() transaction?

Im pretty sure I've associated tokens that I havent been kyc'd on. Just if you try to transfer the token kyc'd token to it then you get ACCOUNT_KYC_NOT_GRANTED_FOR_TOKEN. If its not associated and not kyced i think it kicks up a TOKEN_NOT_ASSOCIATED error

30. By ed.marquez in the Smart Contracts Channel on 08/25/2023

There's no right or wrong answer, but yes, doing so via smart contracts will enable you to do that.

31. By superdev1114 in the Developer General Channel on 08/24/2023

Hi, hope you are doing well.

I have one issue on getting returned value from smart contract on hashgraph.

32. By jmbarry in the Developer General Channel on 08/24/2023

Where can I put in a Testnet issue? Its timing out on us Third request: retry 10/10: exceptional precheck status BUSY received for transaction 0.0.1104@1692917673.588789449 : error creating account

33. By izzi_perspective in the Developer General Channel on 08/23/2023

Does anybody have intermittent java timeout issues when working on testnet I'm using the python wrapper, if that's a helpful clue?

34. By ohm_pathorn in the Developer General Channel on 08/22/2023

Thank you for the information. I have created an issue on the repo. You can track the progress and the discussion with the engineering team here <https://github.com/hashgraph/hedera-json-rpc-relay/issues/1661>

35. By alexrp#0334 in the Developer General Channel on 08/22/2023

Sorry, my bad. These are the logs (filtered with ERROR keyword):

```
``` 2023-08-22 10:09:33
2023-08-22T08:09:32.998376636Z stdout F [2023-08-22 08:09:32.803 +0000] INFO (rpc-server/63 on public-mainnet-hedera-json-rpc-relay-79867c6948-mbcgh): [Request ID: a076dceb-2969-4e74-9ce5-99261ddb3381] [POST]: eth_call 400 (JSON RPC ERROR) 3 ms
```

```
2023-08-22 10:09:33
2023-08-22T08:09:32.998370263Z stdout F [2023-08-22 08:09:32.803 +0000] ERROR (rpc-server/63 on public-mainnet-hedera-json-rpc-relay-79867c6948-mbcgh): [Request ID: a076dceb-2969-4e74-9ce5-99261ddb3381] Invalid Contract Address: undefined.
```

```
2023-08-22 10:07:45
2023-08-22T08:07:45.473823874Z stdout F [2023-08-22 08:07:45.469 +0000] INFO (rpc-server/63 on public-mainnet-hedera-json-rpc-relay-79867c6948-mbcgh): [Request ID: 65f8c2f9-34d1-4f10-8650-9f54e6039532] [POST]: eth_estimateGas 400 (JSON RPC ERROR) 32 ms
```

```
2023-08-22 10:07:45
2023-08-22T08:07:45.473816417Z stdout F [2023-08-22 08:07:45.469 +0000] ERROR (rpc-server/63 on public-mainnet-hedera-json-rpc-relay-79867c6948-mbcgh): [Request ID: 65f8c2f9-34d1-4f10-8650-9f54e6039532] execution reverted: Unable to parse JSON
```

```
2023-08-22 10:07:45
```

2023-08-22T08:07:45.473795825Z stdout F [2023-08-22 08:07:45.469 +0000] ERROR (relay-eth/63 on public-mainnet-hedera-json-rpc-relay-79867c6948-mbcgh): [Request ID: 65f8c2f9-34d1-4f10-8650-9f54e6039532] Error raised while fetching estimateGas from mirror-node: {"detail":"Unable to parse JSON","data":"","statusCode":400}

2023-08-22 10:07:45

2023-08-22T08:07:45.473678628Z stdout F [2023-08-22 08:07:45.468 +0000] ERROR (mirror-node/63 on public-mainnet-hedera-json-rpc-relay-79867c6948-mbcgh): [Request ID: 65f8c2f9-34d1-4f10-8650-9f54e6039532] [POST] contracts/call 400 status ``

### **36. By alexrp#0334 in the Developer General Channel on 08/21/2023**

Hello there!

I'm encountering difficulties when attempting to deploy my smart contracts on the Hedera mainnet using Truffle and my custom JSON RPC relay. What's puzzling is that I can deploy them without any issues on the testnet using the same JSON RPC and Truffle deployment configuration, with only a few parameter differences such as the network and network ID.

The error message I'm encountering reads:

```
`` `AssertionError: expected the promise to be fulfilled, but it was rejected with
'AssertionError: expected the promise to be fulfilled, but it was rejected with
'ProviderError: Gateway timeout. The request took too long to process. This can happen
when querying logs over too wide a block range.'`` `
```

The deployment process involves deploying multiple contracts. What's particularly vexing is that the error seems somewhat random. Sometimes it fails during the deployment of the initial contracts, while other times it fails during the deployment of the fourth contract (I haven't been able to successfully deploy anything beyond the fourth contract). Do you have any insights into what might be causing this error? Thank you.

### **37. By inosuke\_144 in the Developer General Channel on 08/18/2023**

Can any1 help me with this error, keep pop even i'm not using any solidity address in this while calling the function.

### **38. By nanahashgraph in the Smart Contracts Channel on 08/17/2023**

@Kantorcodes | NFTier please elaborate for my benefit. I'd be curious of your debug needs on the transaction as developer. For instance, if you were to search the txHash `0x208b0ab4a2d7d1f5b02f3f0c9c9a6929bd3ea777e9f5b944f563017dcd644775` in HashScan for testnet you'd be presented with <https://hashscan.io/testnet/transaction/1692298907.057097003>. When exploring the "Call Trace" section you'd see each EVM frame execution and see what error occurred as well as gas details along the way. Granted we want to make more improvement to readability but this definitely points in the right direction as you troubleshoot.

### **39. By bugbytes in the Smart Contracts Channel on 08/17/2023**

caveat: hts-precompiles returns UNKNOWN when there is a lower-level error, which is not really a hedera error but a smart contract error (ie mis-encoded input), if not accounted for, can confound error handling:

ie



```
```\nresponseCode = success ? abi.decode(result, (int32)) : HederaResponseCodes.UNKNOWN;\n```\n
```

40. By ohm_pathorn in the Smart Contracts Channel on 08/17/2023

`safe-hts-precompiles` will revert the transaction if the precompile call returns error.
`hts-precompiles`, on the other hand, only returns the response code as a result. Unless you want to implement the exception handlers by yourself, I suggest going with `safe-hts-precompile`

41. By ruggedburrito in the Javascript Channel on 08/17/2023

Hi, im using the Hedera SDK in Nestjs and I am getting an
"missing logger" error. I described my error here: <https://discord.com/channels/373889138199494658/1141679053158481930>

Im really thankful for solutions or tipps

42. By ohm_pathorn in the Token Service Channel on 08/14/2023

The error indicates that you don't have enough hbar in your account to pay for the association transaction. Please make sure you have hbar in your account.

43. By kantorcodes in the Smart Contracts Channel on 08/13/2023

Good morning! For those who have been playing with the JSON-RPC, have you been able to use truffle to debug transactions with hashio?

eg `truffle debug {txId}`

are the debug methods supported yet?

```
Error: Unhandled error. ({\n  code: -32603,\n  message: 'ESOCKETTIMEDOUT',\n  data: { originalError: { code: 'ESOCKETTIMEDOUT', connect: false } }\n})
```

44. By .maximuslegion in the Developer General Channel on 08/10/2023

Maybe I'm looking at mirror node the wrong way. If I am plz let me know.

45. By ohm_pathorn in the Developer General Channel on 08/10/2023

The error indicates that the limit is set too low. So the only way to fix is to increase the limit from the application.

46. By i.r.o.n in the Java Channel on 08/10/2023

I've been running into "java.lang.VerifyError: Bad type on operand stack" whenever I call "transaction.getRecord(client)". Prior to that, I called "transaction.getReceipt(client)" and that give me a 'SUCCESS' status.

All these SDKs had the issue.

implementation("com.hedera.hashgraph:sdk:2.24.1")

```
implementation("com.hedera.hashgraph:sdk:2.26.0")
implementation("com.hedera.hashgraph:sdk:2.27.0")
```

Here's the code snippet

```
```var transaction = new ContractExecuteTransaction()
 .setPayableAmount(input)
 .setContractId(contractId)
 .setGas(gasLim)
 .setFunction(funcName, params)
 .execute(client);

var receipt = transaction.getReceipt(client);
log.info("Status: {}", receipt.status); //SUCCESS

var record = transaction.getRecord(client); //java.lang.VerifyError: Bad type on operand
stack```
```

(i'll post the exception stack in the thread)

#### **47. By singh\_rajnish in the Developer General Channel on 08/10/2023**

The gas limit in the script is more than 400000 but still the issue is there

#### **48. By ohm\_pathorn in the Developer General Channel on 08/10/2023**

The error indicates that your gas limit is too low. You have to increase the gas limit in your script to fix the problem.

#### **49. By singh\_rajnish in the Developer General Channel on 08/09/2023**

Hi i am facing the issue while deploying the project Transaction gas limit provided '400000' is insufficient of intrinsic gas required '483048' {"name":"ProviderError", "\_stack":"ProviderError: [Request ID: 9ae44088-816f-44b2-8f72-87a39848b576] Transaction gas limit provided '400000' is insufficient of intrinsic gas required '483048'\n at HttpProvider.request (/home/rajnish/Downloads/aave v3\_zip/new\_projectAav3/aave-v3-deploy/node\_modules/hardhat/src/internal/core/providers/http.ts:88:21)\n at processTicksAndRejections (node:internal/process/task\_queues:96:5)","code":-32003,"\_isProviderError":true} ProviderError: [Request ID: 9ae44088-816f-44b2-8f72-87a39848b576] Transaction gas limit provided '400000' is insufficient of intrinsic gas required '483048'

#### **50. By ravinder\_80082 in the Javascript Channel on 08/09/2023**

@Alex Taylor Kindly assist me I am deploying smart contract on hedera previewnet through hardhat.

getting below error

```
ProviderError: [Request ID: 97e3f083-06f7-4e5b-9286-ee917d7607c4] Transaction gas limit
provided '400000' is insufficient of intrinsic gas required '836712'
 at HttpProvider.request
```

**52. By ohm\_pathorn in the Developer General Channel on 08/09/2023**

**53. By bmino in the Smart Contracts Channel on 08/08/2023**

**\*\*Contract\*\***

```
// SPDX-License-Identifier: MIT
```

**\*\*Test Script\*\***

---

10

```

Test Script Output
` `` `

```

**54. By jaycoolism in the Smart Contracts Channel on 08/06/2023**

There is an issue in that I have to instantiate my wallet like this:

address2 is not your typical evm address. It is the hedera-esque one which has loads of zeros.

```
``const address = process.env.EVM_PUBKEY!;
const privateKey = process.env.EVM_PVKEY!;
const wallet = new hethers.Wallet({ address, privateKey }, provider);``
```

**55. By jaycoolism in the Smart Contracts Channel on 08/05/2023**

**56. By Rahul (co-founder)#0763 in the Smart Contracts Channel on 08/04/2023**

While updateTokenTransaction

**57. By qthinh9746 in the Developer General Channel on 08/03/2023**

Im trying to interact with hts but got an error. First pic is how I create token. Second pic is checkbalance and try to call "transfer" to contract instead of by sdk. I dont know why both have that token and balance > 0 but still get an error

**58. By Rahul (co-founder)#0763 in the Token Service Channel on 08/03/2023**

contained error status NO\_REMAINING\_AUTOMATIC\_ASSOCIATIONS

**59. By 0xanon in the Smart Contracts Channel on 08/02/2023**

```

```
// SPDX-License-Identifier: MIT
pragma solidity ^0.8.0;
```

```
import "@openzeppelin/contracts/token/ERC721/IERC721.sol";
```

```
contract NFTTransferContract {
```

```
    address public owner;
    address public nftContractAddress;
    uint256 public tokenId;
```

```
    constructor(address _nftContractAddress, uint256 _tokenId) {
        owner = msg.sender;
        nftContractAddress = _nftContractAddress;
        tokenId = _tokenId;
    }
```

```
    function transferNFT(address to) public {
        IERC721(nftContractAddress).safeTransferFrom(msg.sender, to, tokenId);
    }
}
```

I deployed this contract on hedera and used transferNFT function to transfer but it gave me error

<https://hashscan.io/testnet/transaction/1690989832.446733003>

60. By gomesdanielm in the Smart Contracts Channel on 08/02/2023

Hello

I'm having issues reading a smart contract function in Testnet using ContractCallQuery, from the Java SDK.

It always responds with INSUFFICIENT_TX_FEE.

I tested a couple of times in Mainnet and it was working, so I'm at loss on what to do here. Anyone can help?

61. By jaycoolslm in the Developer General Channel on 08/02/2023

Im getting this same INVALID_ALIAS_KEY error as well. Am using .toSolidityAddress() method, but only for the token I create using HTS.

I also use .fromSolidityAddress() when approving allowance to SC

Using the hethers.js package

Error occurs when I call `liquidity = IUniswapV2Pair(pair).mint(to);`

<https://hashscan.io/testnet/transactionsById/0.0.39716-1690961141-015471339>
<https://hashscan.io/testnet/transaction/1690961151.819473013>

Trying to run the saucer swap SCs... have come into a few pain points so if anyone has successfully cloned the saucer swap repo and has a demo I would love to see!

62. By kantorcodes in the Smart Contracts Channel on 08/01/2023

Hi team! I'm noticing larger contracts cannot deploy using the JSON-RPC Relay + Truffle.

```
{\n' +\n' "originalError": {\n' +\n' "code": "ESOCKETTIMEDOUT",\n' +\n' "connect": false\n' +\n' }\n' +\n'}\n' +
```

truffle config:

```
```` compilers: {\n  solc: {\n    version: "0.8.20", // Fetch exact version from solc-bin (default: truffle's version)\n    docker: true, // Use "0.5.1" you've installed locally with docker (default: false)\n    settings: {\n      // See the solidity docs for advice about optimization and evmVersion\n      optimizer: {\n        enabled: true,\n        runs: 200,\n      },\n    },\n  },\n},\n},\n},````
```

## 63. By thecryptoworld in the Developer General Channel on 08/01/2023

Hey guys , I am getting following error while creating NFT using smart contract.  
Can anyone suggest the right way to do the same?  
`super(props, `transaction ${props.transactionId.toString()} failed precheck with status ${props.status.toString()}`);`  
^

PrecheckStatusError: transaction 0.0.3885341@1690884870.998847817 failed precheck  
with status PAYER\_ACCOUNT\_NOT\_FOUND  
at new PrecheckStatusError (/Users/ravisatyam/Desktop/ravi/nft\_contract/  
node\_modules/@hashgraph/sdk/lib/PrecheckSt

**64. By hemant4832 in the Javascript Channel on 08/01/2023**

I am facing issues that the allowance i gave from an account are wiped out in 1-2 days

**65. By qthinh9746 in the Token Service Channel on 07/31/2023**

Hi, I want to call this function to transfer instead of using TransferTransaction(). But i got error without message. I check associate and balance also. and TransferTransaction() worked well. Someone explained me about this

**66. By Rahul (co-founder)#0763 in the Token Service Channel on 07/31/2023**

@Greg Scullard NO\_REMAINING\_AUTOMATIC\_ASSOCIATIONS any fix

**67. By junsikchoi in the Developer General Channel on 07/31/2023**

is testnet account creation blocked now?

I am having this error message while creating testnet account with Magic link!

**68. By wonderer\_79136 in the Smart Contracts Channel on 07/30/2023**

Hello everyone!

How can I find deployed contract ABI?

<https://hashscan.io/mainnet/contract/0.0.3045981?p=1&k=1690730077.830473003>

For example this one. I believe it should be in IPFS, but it shows me "Metadata file is not available on IPFS" both for mainnet and testnet.

Direct link to IPFS returns 504 error. <https://ipfs.io/ipfs/>

QmUexsN1MVyAxW36a5kfz6jDY4vhCzYb5e2hc43qXfvmQ8/

BTW: is there any way to verify smart contract source code as on etherscan?

**69. By crypto.sheraz in the Smart Contracts Channel on 07/29/2023**

@Pathorn How can i run ownerOf function in a smart contract, This is what i am using but its not working

```
`if(IERC721(nft_collection_1).ownerOf(id) == address(this)){`
```

This is the error i am getting

```
`PrecheckStatusError: transaction 0.0.201664@1690618269.347893183 failed precheck with status CONTRACT_REVERT_EXECUTED`
```

**70. By camelcasepro in the Javascript Channel on 07/29/2023**

Hi, dont know if this is the right place but im getting the following error:

```
'''Error: max attempts of 10 was reached for request with last error being: BUSY
```

```
 at TransferTransaction.execute (/
```

```
Users/akshitabhandari/Desktop/smartContracts/hedera-smart-contracts-workshop/intro/node_modules/@hashgraph/sdk/lib/Executable.cjs:679:11)
```

```
 at async main (/Users/akshitabhandari/Desktop/smartContracts/hedera-smart-contracts-workshop/intro/generate-evm-accounts.js:83:5)'''
```

**71. By ohm\_pathorn in the Javascript Channel on 07/29/2023**

What's the SDK version? You can try upgrading our SDK and see if it fixes the problem.

The timeout error can be caused by many things like the network congestion or the network connection. Your application should be designed to retry when it faces this kind of error. Let me know if you persistently get this error.

**72. By crypto.sheraz in the Javascript Channel on 07/29/2023**

I was trying to deploy a contract on testnet, this is the error i am getting  
`GrpcServiceError: gRPC service failed with status: TIMEOUT`

**73. By tangem in the Developer General Channel on 07/28/2023**

Hi! My name is Nikita and I work at Tangem - a Swiss provider of hardware wallets.  
We're considering the integration of Hedera. Whom may I contact on tech and marketing issues? Thank you!

**74. By reaper30000 in the Developer General Channel on 07/28/2023**

Hello @everyone.  
How are you today?

I cloned <https://github.com/hashgraph/hedera-nft-minter> repo and installed modules.  
When I try to connect to hashpack wallet, I faced this issue.  
Is there anyone to know about this issue?

Thank you.

**75. By bugbytes in the Developer General Channel on 07/27/2023**

@Ashe Oro @Greg Scullard @simihunjan after the reset, the mirror node <https://testnet.mirrornode.hedera.com/api/v1/network/exchangerate> call is generated errors.

**76. By jaycoolslm in the Smart Contracts Channel on 07/26/2023**

Yeah... works with hethers. Not sure what the issue with using the  
`ethers.ContractFactory()` and `Contract.deploy()` flow with ethers

**77. By anurag5210 in the Developer General Channel on 07/25/2023**

Hi All, I am trying to run gaurdian using docker but this worker service is not working and in log details I am getting jwt malformed error.

**78. By muhammadhakim. in the Developer General Channel on 07/22/2023**

This is error I got

**79. By jaycoolslm in the Smart Contracts Channel on 07/21/2023**

I love the concept of hethers but I sometimes get overflow errors:

`Error: overflow [ See: [https://links.ethers.org/v5-errors-NUMERIC\\_FAULT-overflow](https://links.ethers.org/v5-errors-NUMERIC_FAULT-overflow) ]  
(fault="overflow", operation="toNumber", value="8124873159708165524",  
code=NUMERIC\_FAULT, version=bignumber/5.5.0)`

When using evm addresses to instantiate a wallet eg. `address =  
0x220eb51370c159176182c594de28680966740579`

Because when I call `hethers.utils.getAccountFromAddress()` it generates a crazy account object:

```
``` account: {  
  shard: 571389203n,  
  realm: 8124873159708165524n,  
  num: -2438584808638249607n
```



```
import "@openzeppelin/contracts/token/ERC20/ERC20Burnable.sol";
import "@openzeppelin/contracts/access/Ownable.sol";
```

```
contract MyToken is ERC20, ERC20Burnable, Ownable {
    constructor() public ERC20("MyToken", "MTK") {
        _mint(msg.sender, 100000 * 10 ** 18);
    }

    function mint(address to, uint256 amount) public onlyOwner {
        _mint(to, amount);
    }
}
```

Basic ERC20 token but the contract address created is a hedera account, not a token. Can understand why it wouldn't work, as am not setting decimals or keys etc but I am slightly confused with what the docs mean when they say "Interact with Hedera Token Service fungible and non-fungible tokens in your Solidity contract using ERC-20 and ERC-721 standards." Is this 'interacting' only once a token has been deployed using the HederaTokenService.sol functions / HTS sdk?

Also, getting an error trying to deploy the WHBAR saucerswap SC with truffle:
`whbarInstance = await WHBAR.new();`

88. By .piyush16 in the Javascript Channel on 07/14/2023

Hi

I am trying to transfer nfts hold by contract from another contract but it is getting failed. Is anyone have idea to do it?

Like

Contract A is treasury for NFT 0.0.1234

I have minted a nft and it went to treasury (Contract A).

Contract B is having method which transfer NFT 1@0.0.1234 (which is own by Contract A) to another user account.

But this is getting failed as spender does not have allowance error message is coming.

Is there some way to do this usecase.

89. By yahoo1211 in the Developer General Channel on 07/14/2023

Hello,

I'm trying to build this Hedera SDK on my Ubuntu system, but I'm getting an error.

Could you help me?

<https://github.com/hashgraph/hedera-sdk-cpp>

90. By D ĥ ukeofLoveLace#5575 in the Developer General Channel on 07/11/2023

Sers I've been messing around with the Hedera CLI and I am able to get through all the setup except this portion. Whenever I enter bip I see this error and typically this an indication that there's a problem with network communication, but everything is fine on my end.

Have you migrated your account on Hedera wallet? If migrated, enter `bip`, else enter `hgc`: bip

UNAVAILABLE: io exception

Error in recovering account

91. By crypto.sheraz in the Javascript Channel on 07/08/2023

We are making a Nft Staking Platform, As you know that we need to run setApprovalForAll function from the nft collection and approve the staking contract, So that staking contract can transfer the nfts to it self.

This is how i am running the setApprovalForAll function

```
` const transaction = new AccountAllowanceApproveTransaction()  
.approveTokenNftAllowanceAllSerials(nftListinWallet[key].address,  
AccountId.fromString(pairedAccId), stakingContractId).freezeWithSigner(signer);  
const contracttransaction = await (await transaction).executeWithSigner(signer);  
}`
```

This run successfully and desnot give any error, After that we run the staking function from the smart contract, This is how i am trying to transfer the nft to the staking contract.

```
` HederaTokenService.transferNFT(nft_collection_1, address(this), msg.sender,  
tokenId);`
```

The issue is that the function runs successfully but it doesn't transfer the nft from the user's wallet to the staking contract. So i am not getting any error But functionality is also not being performed, So my guess was that hedera have recently introduced this feature so maybe its an error from there side.

92. By brian.c.hbar in the Token Service Channel on 07/07/2023

Does HTS allow for a token to be created that can only be sold back to its issuer? The purpose of the token is to award equity but not allow it to be sold to a third party or listed on an exchange (so not a marketable security). The idea would be for the token to be awarded as equity with the holder having the right to sell it back to the issuer at pre-set future dates and at pre-determined prices on those dates.

93. By ohm_pathorn in the Developer General Channel on 07/07/2023

Hi @Princy_Care, could you please elaborate more on the question? Do you get any error?

94. By anurag5210 in the Developer General Channel on 07/07/2023

Hi all, I want to associate account id with token id using HTS but getting invalid full prefix signature for precompile error.

95. By MichaelWang#2574 in the Javascript Channel on 07/06/2023

I hope you help me for this issue.

96. By MichaelWang#2574 in the Javascript Channel on 07/06/2023

receipt for transaction 0.0.13734229@1688676125.791318090 contained error status CONTRACT_REVERT_EXECUTED

97. By MichaelWang#2574 in the Javascript Channel on 07/06/2023

This is the error.

98. By MichaelWang#2574 in the Javascript Channel on 07/06/2023

Could you tel me how I can fix this issue?

99. By MichaelWang#2574 in the Javascript Channel on 07/06/2023

Could you tell me this error?

100. By MichaelWang#2574 in the Javascript Channel on 07/06/2023

receipt for transaction 0.0.13734229@1688599738.594632041 contained error status CONTRACT_REVERT_EXECUTED

101. By MichaelWang#2574 in the Javascript Channel on 07/05/2023

Could you tell me what the error is?

102. By MichaelWang#2574 in the Javascript Channel on 07/05/2023

receipt for transaction 0.0.13734229@1688599738.594632041 contained error status CONTRACT_REVERT_EXECUTED

103. By MichaelWang#2574 in the Javascript Channel on 07/05/2023

And I got this error!

104. By karabasina in the Developer General Channel on 07/05/2023

so is there someone who can actually help me with this issue or someone who is hedera developer?

105. By teacoat in the Developer General Channel on 07/05/2023

if I downgrade the sdk I get this error on this line, if that helps narrow it down at all

106. By teacoat in the Developer General Channel on 07/05/2023

I am getting INVALID_NODE_ACCOUNT precheck error when attempting to execute this transaction, it was converted .toBytes and then .fromBytes, anyone have any ideas what the issue could be? using latest sdk version

107. By macchiadisugo in the Smart Contracts Channel on 07/05/2023

GM everyone I'm trying to have a contract function do the following 3 steps:

1. mint a HTS NFT
 2. associate the token to the `msg.sender` account
 3. transfer the NFT
- ```

```
function _mint(address to, bytes[] memory uris) internal returns (int64) {
    (int createRes, , int64[] memory serial) = HederaTokenService.mintToken(
        TOKEN_ADDRESS,
        0,
        uris
    );
    require(createRes == 22, "FAILED_TO_MINT");
    HederaTokenService.associateToken(to, TOKEN_ADDRESS);
    int transferRes = HederaTokenService.transferNFT(
        TOKEN_ADDRESS,
```

```
        address(this),
        to,
        serial[0]
    );
    require(transferRes == 22, "FAILED_TO_TRANSFER");
    return serial[0];
}
...`
```

But I keep getting `INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE` on the `associate` call. I tried using `delegatecall` instead of `call` in HederaTokenService.sol so that the msg sender would indeed be the account that I'm trying to associate but it just resulted in a generic `PRECOMPILE_ERROR`

The contract is the supply and treasury key for the token

108. By jaycoolslm in the Developer General Channel on 07/04/2023

Hey all:

```
``` console.log('signatures ' + tx.getSignatures()); ```
```

Currently not returning any signatures which have signed this tx? Anyone encountered similar issues.

#### **109. By niknov in the Developer General Channel on 07/04/2023**

Hola guys!

Along with Parity and 1inch, we are hosting a cross-ecosystem event to exchange experiences in grants, treasury, and support. At the moment, with 1inch, Lido, Parity, SAFE, and Dfinity, we will discuss issues such as team selection, methods of monetary and non-monetary support for projects, and the interplay between VC and treasury. Thus far, attendees include Polygon, Aragon, Astar, Blockscout, Just Open Source, VIA, Gearbox, and many others.

I'll be happy to have Hedera as well. What is the best channel to connect with the grant/bd team?

#### **110. By .piyush16 in the Smart Contracts Channel on 07/04/2023**

Hello everyone,

I am getting an error as "SPENDER\_DOES\_NOT\_HAVE\_ALLOWANCE".

There is user A who own an NFT and i am trying to transfer that nft to that contract via smart contract.

Though the contract method is executed by UserA who is owning this nft so he will be the spender but why it is giving error.

#### **111. By kantorcodes in the Smart Contracts Channel on 07/04/2023**

Oh, that's a lot larger than I thought. I guess the issue lies with the file service then. File appends seem to freeze up after 12 transactions or so within the contract create flow.

#### **112. By .bberta in the Smart Contracts Channel on 07/03/2023**

Hi

I am trying to deposit into SC some funds that are ERC20 tokens.

The method looks like this:

```
...
 constructor(address _usdc) {
 usdc = _usdc
 }
 function deposit(int64 amount) external onlyAdmin {
 int response = HederaTokenService.transferToken(usdc, msg.sender, address(this),
 amount);
 require(response == HederaResponseCodes.SUCCESS, "Transfer failed");
 }
 ...
```

And of course I have this error: `Error: transaction failed [ See: [https://links.ethers.org/v5-errors-CALL\\_EXCEPTION](https://links.ethers.org/v5-errors-CALL_EXCEPTION) ]`

Can someone help what am I doing wrong here?

**113. By fessmm in the Developer General Channel on 07/01/2023**

Report here pls <https://github.com/hashgraph/hedera-mirror-node-explorer/issues/new/choose>

**114. By ohm\_pathorn in the Java Channel on 06/30/2023**

Hi @johnda98, sorry for the delay. Do you still get the same error? I have tested the JavaSDK version 2.25 by deploying the smart contract. Things work fine on my end. It might be possible that the network was congested at the time you were testing. Let me know if the problem persists, or feel free to create an issue on the Java SDK repo.

**115. By .0xvaibhav in the Developer General Channel on 06/29/2023**

It is giving error with ethers.js mainly

**116. By jack.wrld in the Developer General Channel on 06/29/2023**

Hi, how can I see the codes of a smart contract on hedera explorer? I called the contract but it returned "0x" so I don't know if the error belongs to json rpc(metamask) or the smart contract itself

**117. By .piyush16 in the Smart Contracts Channel on 06/28/2023**

I wanted to create and update Fungible token using smart contract and treasury, supply key is contract itself.

The creation of token, mint, burn and transfer worked for me.

But while updating the token info like name, symbol, keys it is giving error.

Is some have code sample for it or can help what i am missing.

**118. By johnda98 in the Java Channel on 06/28/2023**

/Users/admin/IdeaProjects/hederautils/src/main/java/keypairtest.java:55:26

java: cannot access com.hedera.hashgraph.sdk.AccountId

bad class file: /Users/admin/.m2/repository/com/hedera/hashgraph/sdk/2.25.0/

sdk-2.25.0.jar!/com/hedera/hashgraph/sdk/AccountId.class

class file has wrong version 61.0, should be 59.0

Please remove or make sure it appears in the correct subdirectory of the classpath.

**119. By mbsworldslabs in the Developer General Channel on 06/27/2023**

please don't cross post across channels the same issue.

**120. By MichaelWang#2574 in the Smart Contracts Channel on 06/27/2023**

When I passed, I got this error!

**121. By MichaelWang#2574 in the Smart Contracts Channel on 06/27/2023**

Thank you @pwoosam.hbar[a.boo] . I also tried to pass the parameter, but I had another issue.

**122. By .0xvaibhav in the Developer General Channel on 06/27/2023**

Hey I am creating a provider using ethers.jsonrpcprovider for testnet and I am constantly getting event="noNetwork" code="NETWORK\_ERROR". Can someone help me why is that or if the hedera api is down because it was working yesterday

**123. By cryptoroshan in the Developer General Channel on 06/27/2023**

I have this error

@Greg Scullard Please help me

**124. By cryptoroshan in the Developer General Channel on 06/27/2023**

<https://github.com/hashgraph/did-sdk-js/issues/71>

**125. By .piyush16 in the Javascript Channel on 06/27/2023**

I have created a token using SDK and assigned it's treasury and supplier to some account. I am trying to mint the tokens from contract, signing with treasury and supplier key. But it is throwing an error now.

Can someone provide the code for minting of the token using smart contract

**126. By ohm\_pathorn in the Java Channel on 06/26/2023**

It's a timeout issue. It looks like the issue is caused by `executeAsync`. When you submit a transaction to the network, `executeAsync` does not wait for the network to return the response and proceed to query the receipt. Maybe switching from `executeAsync` to `execute` solve your issue.

**127. By cardosojc in the Java Channel on 06/26/2023**

I'm not sure if it's a timeout issue.

```
`CompletableFuture<TransactionResponse> transactionResponse = new
AccountCreateTransaction()
 .setKey(newPublicKey)
 .setInitialBalance(Hbar.fromTinybars(initialBalance))
 .executeAsync(getClient());
```

```
TransactionReceipt receipt = transactionResponse.get().getReceipt(getClient());`
```

If I put a breakpoint on `TransactionReceipt receipt =`

transactionResponse.get().getReceipt(getClient());` and i wait 5 seconds, it will work. It seems I can't invoke `get` before a few seconds are passed, otherwise, i get stalled and the timeout issue will popup

**128. By ohm\_pathorn in the Java Channel on 06/25/2023**

I suspect that you received a timeout error because the consensus node to which you submitted the transaction was busy and couldn't execute it in time. However, when you use a breakpoint, it provides the node with more time to process your transaction, which is why it works. I suggest trying to increase the connection timeout.

**129. By 4nap in the Javascript Channel on 06/25/2023**

I have the same error regarding the getBalance timeout, I would love to use the MirrorNode, the problem I faced is that it takes some time to update, so when I check the balance of a specific token (not hbar), transfer some amount of that token to another wallet, and check the balance again, the account balance is still the same as before the transfer happened. Only after around 5 minutes I get the new balance. Is there a way to get the new balance immediately?

**130. By .cryptorush in the Javascript Channel on 06/25/2023**

```
```new ContractFunctionParameters()
    .addAddress(contractAddress || contracts[contractName].address)
    .addUint256(
        0
    )```
```

I'm getting this error while adding 0 uint256 function param with latest javascript SDK. Anyone knows how to solve this?

131. By horlarmmy in the Developer General Channel on 06/25/2023

What's wrong with Arkhia RPC I can't seem to connect?

132. By burner3819 in the Developer General Channel on 06/24/2023

Maybe you did sign the message wrong. the "tx" parameter in buildAndSignTransaction function could be undefined.

133. By codeblooded in the Developer General Channel on 06/24/2023

@Ed Marquez please the rpc error still persists

134. By codeblooded in the Developer General Channel on 06/23/2023

please i am getting this error "ProviderError: HttpProviderError" while trying to deploy using hardhat, please is something wrong with RPC url?

135. By reg.cs in the Developer General Channel on 06/23/2023

Sounds laborious and difficult. Did you get any feedback on these issues from the core developers? Is there anything on the roadmap that will improve the situation?

136. By .piyush16 in the Developer General Channel on 06/23/2023

There have been issue in release 2.27.0 of JS SDK. Seeing the release note, i guess fixing gRPC version might have introduce this throttle issue
I am not confirm this is the reason for the issue, but when i downgrade the sdk to 2.26.0 then it is working fine for me.

So it's confirm that it's not related to network.

137. By adriankbl in the Developer General Channel on 06/22/2023

Or would be any possibility that with other SDKs we receive less errors?

138. By adriankbl in the Developer General Channel on 06/22/2023

That's interesting, because with the JS SDK one, we can't get above 15-20, when we do, we start getting like 15 types of errors different

139. By bugbytes in the Developer General Channel on 06/22/2023

Our work around involves:

1. Retry getting the receipt from the gossip node, regardless of error code
2. Retry getting the tx record from a mirror node by tx id
3. Retry getting the tx by searching thru the list of TXs on the target account's list of transactions and matching by memo field.

one would think #3 would not be necessary, but yes, I can assure you we've found TXs in that list that we were looking for. We've seen mirror nodes fail to retrieve TXs by ID that we knew were submitted.

140. By reg.cs in the Developer General Channel on 06/22/2023

So, basically this issue should be resolved if community nodes are introduced? Or what is the current roadmap to solve this issue?

141. By adriankbl in the Developer General Channel on 06/22/2023

No, not only, we got a lot of errors also for example minting or sending the nfts by our customers and it is only executing one Transaction, getting the receipt and executing the next one. But obviously when we throw way more, the errors are disgusting

142. By bugbytes in the Developer General Channel on 06/22/2023

Since I author a SDK, I am familiar with the low level wire protocol, and it is pretty obvious to me that the system was never designed to be used the way the SDKs interact with it. It very much looks like it was designed with the "fire and forget" model of submitting a TX to a consensus forming node and then *everyone* had their own non-consensus forming node (mirror node) that they could listen to to confirm the TX went thru....however that is not what Hedera delivered, and now we're stuck with software that polls the gossip nodes and, well, they were not deigned for that, hence all these insane redherring errors.

143. By bugbytes in the Developer General Channel on 06/22/2023

We're building a large scale distribution tool as well, and the failure rate is disturbing, the best I can get is a practical 345 TPS after all the necessary checks due to incorrect return values and grpc hangups in the middle of a request.

144. By bugbytes in the Developer General Channel on 06/22/2023

The problem with this, is that *mainnet* is already at a high TPS, I know people who have seen these errors using consumer wallets such as HashPack on mainnet.

145. By adriankbl in the Developer General Channel on 06/22/2023

Some issues are not fixeable

146. By fessmm in the Developer General Channel on 06/22/2023

Lets hope they fix these issues

147. By adriankbl in the Developer General Channel on 06/22/2023

We got around 17 different errors in different situations

148. By adriankbl in the Developer General Channel on 06/22/2023

We have been 3 last weeks, with 100-1000 dockers, throwing different transactions at the same time to get a lot of different errors

149. By adriankbl in the Developer General Channel on 06/22/2023

Many different errors throwed by the Network, some issues has been opened to gRPC team, others the Swirld Labs keep investigating, we detect some errors in `getNode()` inside of + `getReceipt()` also... but... basically any aplication will need to work handleling a lot of different errors

150. By adriankbl in the Developer General Channel on 06/22/2023

<https://github.com/hashgraph/hedera-sdk-js/issues/1637>

151. By adriankbl in the Developer General Channel on 06/22/2023

Many times you are gonna need to recreate the transaction, submit again, check if it returns precheck errors (execute) or if it retrieves receipt errors, if is receipt you are gonna need to query to mirror node to see if the transaction hit consensus or not (since virtual voting can get delay to propagate), you are gonna need to be handleling duplicated transactions...etc etc

152. By adriankbl in the Developer General Channel on 06/22/2023

You need to handle all these errors, retry transactions...etc

153. By adriankbl in the Developer General Channel on 06/22/2023

Not only that but a lot of more different errors

154. By jaycoolslm in the Developer General Channel on 06/22/2023

These timeout errors happening to anyone else?

155. By 0xankit in the Developer General Channel on 06/21/2023

hey anyone can help with:

<https://github.com/hashgraph/hedera-local-node/issues/347>

156. By adriankbl in the Javascript Channel on 06/21/2023

That's due to errors of network, you need to have different work arounds to retry different errors

157. By hemant4832 in the Javascript Channel on 06/21/2023

I am trying to get account balance using sdk and it is giving me timeout error.

```
GrpcServiceError: gRPC service failed with status: TIMEOUT
  at Timeout._onTimeout (/app/node_modules/@hashgraph/sdk/lib/channel/
NodeChannel.cjs:111:20)
  at listOnTimeout (node:internal/timers:559:17)
  at processTimers (node:internal/timers:502:7)
```

Is anyone else also facing same?

158. By mbswirldslabs in the Developer General Channel on 06/20/2023

I dont know if any are on this server TBH, if you have specific issues raising them on the github repo would be a good idea, I know the maintainers of the codebase would be monitoring that.

159. By junsikchoi in the Developer General Channel on 06/20/2023

Can we detect transaction revert with hardhat?

I am testing contract with hardhat + mocha + chai but it seems that hardhat does not detect transaction reversion from hedera network.

```
`await expect(tx.wait()).to.be.revertedWith("Something wrong");`
```

160. By ohm_pathorn in the Smart Contracts Channel on 06/19/2023

It looks like a network issue. The consensus nodes have a throttle so you might experience some timeout error when the network is congested. Let me know if the problem persists for a long time.

161. By bernardo_jrf in the Smart Contracts Channel on 06/19/2023

Hi guys, currently I'm having a lot of problems running my API to deploy smart contracts since the new update. Mainly I have this error.

```
`WARN [com.hed.has.sdk.ContractCreateTransaction] (executor-thread-0) Retrying in 32000 ms after channel connection failure with node 0.0.8 during attempt #9`
```

It looks like I cannot execute any transaction of the `FileAppendTransaction` or `ContractCreateTransaction`.

Any tips for this issue ?

162. By adriankbl in the Javascript Channel on 06/18/2023

You can check <https://github.com/hashgraph/hedera-sdk-js/issues/1637>

163. By adriankbl in the Developer General Channel on 06/18/2023

So the best thing is open an issue in the SDK

164. By alapanx in the Developer General Channel on 06/18/2023

Yo, check out this: <https://hashscan.io/testnet/transaction/1687036146.196440618>. So, when you see that "CONTRACT_REVERT_EXECUTED" error, it can occur for various reasons. But based on what I see on the explorer, the most common reason is "INSUFFICIENT_TX_FEE." You gotta make sure you pass enough hbar to make it payable. That should do the trick!

165. By thecryptoworld in the Developer General Channel on 06/17/2023

Hi guys , I'm trying to create fungible token using smart contract but getting following errors - super(props, `receipt for transaction \${props.transactionId.toString()} contained error status \${props.status.toString()} `);

^

ReceiptStatusError: receipt for transaction 0.0.3885341@1687036134.657428574 contained error status CONTRACT_REVERT_EXECUTED
at new ReceiptStatusError (/Users/ravisatyam/Desktop/ravi/Green_Hackers/node_modules/@hashgraph/sdk/lib/ReceiptStatusError.cjs:43:5) Can anyone help to fix this issue

166. By .alextaylor in the Javascript Channel on 06/17/2023

yes i also got this intermittently, i think updating the SDK version should fix it

167. By alapanx in the Developer General Channel on 06/17/2023

Update to this I figured out how to make the timestamp readable:

```
` ``
async function schduleInfo() {
  // Create the query
  const query = new ScheduleInfoQuery()
    .setScheduleId(scheduleId);

  // Sign with the client operator private key and submit the query request to a node in a
  Hedera network
  const info = await query.execute(client);

  // Convert the timestamp to milliseconds
  const seconds = info.expirationTime.seconds;
  const nanoseconds = info.expirationTime.nanos;
  const milliseconds = seconds * 1000 + nanoseconds / 1e6;

  // Create a moment.js object using the milliseconds
  const expirationTime = moment(milliseconds);

  // Format the expiration time to a readable format
  const formattedExpirationTime = expirationTime.format('YYYY-MM-DD HH:mm:ss');

  console.log("Expiration Time:", formattedExpirationTime);
  process.exit();
}
` ``
```

However, I am encountering another issue. It appears that the expiration time is consistently set to 30 minutes, regardless of the value I set using the `.setExpirationTime`` method. Strangely, when I retrieve the expiration timestamp (``response.data.expiration_time``) using mirror node API for the same schedule ID, it displays the correct timestamp. Could you please help me identify where I might be making an error in my code?

168. By bernardo_jrf in the Developer General Channel on 06/16/2023

Hi guys, currently I'm having a lot of problems running my process to deploy smart contracts.

`Error: WARN [com.hed.has.sdk.FileAppendTransaction] (executor-thread-0) Retrying in 64000 ms after channel connection failure with node 0.0.8 during attempt #7.`

Have found this problem running on the `Mainnet`, `Testnet` and `Previewnet`.

It's something that will be resolve on the mean time or there's some solution that I could run ?

169. By .cryptorush in the Smart Contracts Channel on 06/15/2023

Okay. One other question. Looks like associating token to EOA from smart contract is also not allowed. With this change, I really have a pain point implementing UniswapV2's addLiquidity functionality. addLiquidity function creates a new pair if does not exist, and after that it should associate LP token with EOA so that it can mint LP tokens to the LP provider. Looks like this does not work if token association does not work from smart contract. Is there any workaround for this? Or should I have to stop adding liquidity to non-existing pairs. And create pair first from Dapp, associate LP token with LP provider account, and then finally add liquidity?

170. By bugbytes in the Developer General Channel on 06/15/2023

In case it might be useful to the devops engineers, here are some of the wire level errors I'm seeing:

171. By bugbytes in the Developer General Channel on 06/15/2023

While bad mirror node behavior might affect the Official SDKs, I can say with some certainty that that would not affect the .NET Sdk, and when using that SDK I'm seeing all these problems, in fact I have logged it down to the wire and have seen the *first response* from a TX submission be a `DUPLICATE_TRANSACTION` error, and I know for certain it is not a duplicate. I'm not getting the intrepid `BUSY` or `UNKNOWN` errors, just a duplicate transaction error.

172. By i.r.o.n in the Developer General Channel on 06/15/2023

And see if you get less errors

173. By i.r.o.n in the Developer General Channel on 06/15/2023

I just have this working theory that the SDK transaction errors (duplicate, times out etc) could be related to the public mirror node being under heavy load (I'm getting quite a number of 503 errors when using the public restpoint in the past few weeks). The SDK by default (I think) uses the public mirror node for internal operations (not 100% sure if the mirror node is used to check if the txn reached consensus or not)

174. By adriankbl in the Developer General Channel on 06/15/2023

Like we have been 1 week in a row testing all of this, tbh the amount of errors is crazy either in Mainnet or in Testnet and the main problem is... even when the Transaction went thru some times return different errors, we're spending tooooo many time contemplating each time of diferent errors and the answer in my issue on the SDK has been, you need to do your work around, we can't do anything.

175. By bugbytes in the Developer General Channel on 06/15/2023

The Insufficient Tx Fee error is just due to the network lying about how much a query should cost

176. By bugbytes in the Developer General Channel on 06/15/2023

RPC errors also have a tendency to turn up on a mirror node after a while from time to time too.

177. By bugbytes in the Developer General Channel on 06/15/2023

What's the point of having a network that claims to do 1k's of TPS, when the error correction algorithm is required to double, triple, and sometimes quadruple checking with mirror nodes because of errant DUPLICATE_TRANSACTIONS and INVALID_NODE errors (amongst the general TIMEOUT and gRPC errors) to avoid double-spends reduces a process effective TPS to 250?

I'm getting fatigued of receiving these errors when indeed the transactions show up fashionably late as success in mirror nodes.

178. By .piyush16 in the Javascript Channel on 06/15/2023

I am trying to get account balance using sdk and it is giving me timeout error.

```
GrpcServiceError: gRPC service failed with status: TIMEOUT
  at Timeout._onTimeout (/app/node_modules/@hashgraph/sdk/lib/channel/
NodeChannel.cjs:111:20)
  at listOnTimeout (node:internal/timers:559:17)
  at processTimers (node:internal/timers:502:7)
```

Is anyone else also facing same?

179. By kantorcodes in the Smart Contracts Channel on 06/14/2023

I am frequently getting an expired transaction error using FileAppend. It only seems to happen on mainnet. Testnet is fine.

```
Error: max attempts of 40 was reached for request with last error being:
TRANSACTION_EXPIRED
  at FileAppendTransaction.execute
```

180. By .cryptorush in the Developer General Channel on 06/14/2023

Increasing timeout in ethers JSON RPC provider fixed the problem.

181. By alapanx in the Consensus Service Channel on 06/14/2023

How do I know "HCS" is up or down? Will we get any particular error response while creating topic during the HCS is down?

182. By ohm_pathorn in the Developer General Channel on 06/13/2023

The error indicates that the network has exhausted the global gas limit. We have 30m gas limit per virtual block.

183. By mbswirldslabs in the Smart Contracts Channel on 06/13/2023

OK, there has been a lot of transactions happening recently on the testnet and if there are too many large gas consuming transactions happening at one time, this is a probably cause of this error.

184. By Michael Garber#5033 in the Developer General Channel on 06/13/2023

Ok so I made progress here. I was able to do the transaction. Do you have the der prefix on the private key included or have you stripped that part out?

This works for me:

```
```rust
use hedera::{AccountId, Client, Hbar, PrivateKey, TransferTransaction};
use rust_decimal::Decimal;
use std::str::FromStr;
use base64::encode;

#[tokio::main]
async fn main() -> Result<(), Box<dyn std::error::Error>> {
 let operator_key = PrivateKey::from_str("Put Ed key with der prefix here"); // Replace
 "YOUR_PRIVATE_KEY" with your private key.
 let operator_id = AccountId::from_str("0.0.xxxx"); // Replace "0.0.0" with your account
 id.
 //let _node_id = AccountId::from_str("0.0.3"); // Replace
 with the appropriate node id.
 let sender_account_id = AccountId::from_str("0.0.xxxx"); // Replace with the
 appropriate account id.
 let receiver_account_id = AccountId::from_str("0.0.xxxx"); // Replace with the
 appropriate account id.

 let amount = Hbar::from(Decimal::from_str("1000"));

 let client = Client::for_testnet();
 client.set_operator(operator_id, operator_key);

 let mut transaction = TransferTransaction::new();
 transaction
 .hbar_transfer(sender_account_id, -amount)
 .hbar_transfer(receiver_account_id, amount)
 .freeze_with(&client)?;

 transaction.sign_with_operator(&client)?;

 let tx_bytes = transaction.to_bytes()?;

 let base64_tx = base64::encode(tx_bytes);
 println!("Transaction base64 bytes: {:?}", base64_tx);
 Ok(())
}
```
```

185. By .cryptorush in the Developer General Channel on 06/13/2023

What's going on with testnet? I keep getting `CONSENSUS_GAS_EXHAUSTED` error from time to time deploying new contracts today

186. By louweal in the Smart Contracts Channel on 06/13/2023

I checked <https://status.hedera.com/> but there were no issues reported there.

187. By perk6674 in the Developer General Channel on 06/13/2023

Hy everyone, I am trying to create freeze TransferTrasnaction using Rust SDK. I now it's still in development process but I was wondering if there is a way. What I want to do is create transaction on one client that will pay fees, freeze transaction convert it to bytes and base64 encode it. Then encoded transaction will be sent to to be signed by user that should be sending hbar. I did it in javascript and it is working but when i try to do it using Rust SDK i am always getting KEY_PREFIX_MISMATCH. What am I doing wrong?

```
`` `let mut transaction = TransferTransaction::new();
    transaction
        .node_account_ids([(AccountId::from(3))])
        .hbar_transfer(data.sender_account_id, -data.amount)
        .hbar_transfer(data.reciever_account_id, data.amount)
        .transaction_memo(data.memo)
        .freeze_with(&self.client)?;

    transaction.sign_with_operator(&self.client)?;

    let tx_bytes = transaction.to_bytes()?;

    let base64_tx = general_purpose::STANDARD.encode(tx_bytes);

    Ok(base64_tx)`` `
```

example in js:

```
`` `
const JohnClient = Client.forTestnet();
JohnClient.setOperator(JohnAccountId, JohnPrivateKey);

const transaction = new TransferTransaction()
    .addHbarTransfer(AliceAccountId, new Hbar(-2)) /
    .addHbarTransfer(BobAccountId, new Hbar(2))
    .setTransactionMemo("TEST")
    .freezeWith(JohnClient)

const frozenTransaction = await transaction.sign(JohnPrivateKey)

const txBytes = frozenTransaction.toBytes();

const base64Tx = Buffer.from(txBytes).toString('base64');
console.log(`Base64 encoded tx: ${base64Tx}`)
return base64Tx`` `
```


188. By mbsworldslabs in the Smart Contracts Channel on 06/12/2023

it's sometimes good to check here: <https://status.swirldslabs.com/> but I'm not sure the exact cause of that error.

189. By louweal in the Smart Contracts Channel on 06/12/2023

I'm getting CONSENSUS_GAS_EXHAUSTED. Are there issues with the testnet right now?

190. By cryptoktm in the Developer General Channel on 06/12/2023

im trying to implement mpc wallet for hedera transactions, in case of MPC we would be needing a transaction object that could be signed later, but im getting issue with formating the require transation object as the provided documentation only shows signing using pvt key . If you somebody has some supporting examples where i can activate hollow account and sign its transaction externally that would be really helpful

191. By .0xvaibhav in the Developer General Channel on 06/12/2023

Can someone help how can I fix this

192. By .0xvaibhav in the Developer General Channel on 06/12/2023

Hey I am trying to create a contract from the private key I got from hashscan. It starts with something like 302e but I am always getting the same error `failed precheck with status INVALID_SIGNATURE` but when I am trying to create the contract using ECDSA key that is it starts from 303 it works fine

193. By bugbytes in the Developer General Channel on 06/10/2023

also, I see

```
```\n.setSubmitKey(keys);\n```\n
```

which is the privte key list?

I don't understand why the SDK isn't giving you an error.

**194. By alapanx in the Developer General Channel on 06/10/2023**

I NEED HELP WITH HEDERA CONSENSUS SERVICE

I am using a private keylist as `submitKey` so that I can use any of the key in that keylist to submit message in a topic (Suggested by @bugbytes )

When I querying topic info. I am getting the following list of submit keys (in public key form) for that perticular topic.

```
```\n{\n  \"threshold\": null,\n  \"keys\": \"302a300506032b65700321007ab7bfc95d537e50b6bfb9f683c46ba\n    cba75b1fe45f480c25d8ed2a9fcc782d8,302a300506032b65700321009d72420b195d83b10db\n    302c49f932a6c2a8725efa6c255fcaa30c029fdb90d7e,302a300506032b65700321009d6616a01\n    4db907ed329b8b7561b1a26306ddddc0ca2b1797be87915bc8f19b7,302a300506032b657003\n    2100cc25dfba267fcf8a1a8f0d914a55637ace7a6a938ed0d11094af027439dcc431\"\n}\n```\n
```

These public keys correspond exactly to the private keys I've set as `submitKey` using a keylist. Based on this, I believe I've correctly set the submit key.

However, when I attempt to transact and submit a message using a `submitKey` (private

key type), I encounter the following error:

```
ReceiptStatusError: receipt for transaction 0.0.4010476@1686400009.649376491 contained
error status INVALID_SIGNATURE
```

The code I wrote:

```
let sendResponse = await new TopicMessageSubmitTransaction({
  topicId: topicId,
  message: `While writing the msg, the time was ${currentTime} on $
{currentDateString}.`,
}).freezeWith(client);

//Sign with the submit key
const signTx = await sendResponse.sign(submitKey);

//Submit the transaction to a Hedera network
const txResponse = await signTx.execute(client);
```

For your information, I've set one of the private keys from the keylist as the submitKey in the above code.

I need help finding the issue. I can't pinpoint my mistake. Your assistance is greatly appreciated.

@bugbytes @Pathorn @Ed Marquez

195. By angkultv in the Developer General Channel on 06/09/2023

I'm still learning things with hedera development. I'm using javascript sdk and I'm wondering how 'Client.forTestnet()' would select which node to submit the transaction. I'm in the impression that the preconfigured nodes there are all the 7 nodes. Correct me if I'm wrong with this.

196. By jaz369 in the Smart Contracts Channel on 06/09/2023

and getting this error, could someone help me why is that, the hedera create nft code seems good ``super(props, `receipt for transaction \${props.transactionId.toString()} contained error status \${props.status.toString()}`);

```
ReceiptStatusError: receipt for transaction 0.0.4011011@1686315228.973412051 contained
error status CONTRACT_REVERT_EXECUTED``
```

197. By thecryptoworld in the Smart Contracts Channel on 06/09/2023

Hi, Can anyone suggest me the correct approach to resolve my issues . **|| I'm deployed contract through factory contract and added all required fields through addEmployee() functions successfully . While decoding the event I'm getting below errors || **---- var error = new Error(message);

Error: data out-of-bounds (length=0, offset=32, code=BUFFER_OVERRUN, version=abi/5.7.0)

```
    at Logger.makeError (/Users/ravisatyam/Desktop/ravi/escrow-contract/node_modules/
@ethersproject/logger/lib/index.js:238:21)
    at Logger.throwError (/Users/ravisatyam/Desktop/ravi/escrow-contract/node_modules/
@ethersproject/logger/lib/index.js:247:20)
    at Reader._peekBytes (/
```

198. By thecryptoworld in the Smart Contracts Channel on 06/09/2023

Thanks. I resolved the issue now in another contract I'm getting other issues .

199. By ohm_pathorn in the Smart Contracts Channel on 06/08/2023

Yes, It looks like get `getTokenKey` and `getTokenInfo` have some limitation. Could you please create an issue on this repo so the engineering team can take a look and maybe suggest some workaround. <https://github.com/hashgraph/hedera-smart-contracts/issues>

200. By ohm_pathorn in the Developer General Channel on 06/08/2023

Yes you can, basically you can just remove the prefix
`302e020100300506032b657004220420` and add 0x to the private key

201. By ntkien97#7522 in the Consensus Service Channel on 06/08/2023

Hello everyone. I wish you all a good day. I am a new member and I have a few issues as follows. Based on the documentation of hedera-local-node, I configured 5 nodes.

When I run 4 nodes, the transactions only achieve consensus on the network nodes but not on the mirror node.

Then, when I run the fifth node, its state is Behind, and it cannot reconnect to the remaining nodes in the network.

It seems that everything appears to be running correctly when running all 5 nodes simultaneously. Could I be missing something here?

202. By cryptoktm in the Developer General Channel on 06/08/2023

any thought on this

can someone please look into this issue as im unable to connect to any of the hedera network !!

the issue persists:

```
```
```

```
 // create client
 const client = Client.forTestnet().setOperator(operatorId, operatorKey);
```

```
 ...
```

```
 ...
```

```
 const transferTxSubmit = await transferTxSign.execute(client); <--- this is giving up
the following error
```

```
```
```

```
```
```

```
'Error: max attempts of 10 was reached for request with last error
```

```
being: GrpcServiceError: gRPC service failed with status: UNAVAILABLE\n at
TransferTransaction.execute
(/@hashgraph/sdk/lib/Executable.cjs:666:11)\n at processTicksAndRejections (internal/process/task_queues.js:95:5)\n at runNextTicks (internal/process/task_queues.js:64:3)\n at listOnTimeout (internal/timers.js:526:9)\n at processTimers (internal/timers.js:500:7)\n at async createAccount (/home/parishilan/Documents/liminal/BlockchainPoc/src/
hedera.ts:131:36)'
```

...

### **203. By Michael Garber#5033 in the Smart Contracts Channel on 06/08/2023**

Check the event logs to get more information about what happens during contract execution. You can log events in your contract and Factory contract to help debug the issue.

Without the exact code, it's difficult to provide a specific solution.

### **204. By thecryptoworld in the Smart Contracts Channel on 06/08/2023**

But the same contract is deployed and called their addEmployee() function successfully when deployed it without using factory contract .....facing the above mentioned issue while call smart contract addEmployee() function deploy using factory contract

### **205. By cryptoroshan in the Developer General Channel on 06/08/2023**

In my opinion, hedera team need to have to fix this issues

### **206. By cryptoktm in the Developer General Channel on 06/08/2023**

can someone please look into this issue as im unable to connect to any of the hedera network !!  
the issue persists:

```
```\n  // create client\n  const client = Client.forTestnet().setOperator(operatorId, operatorKey);\n  ...\n  ...\n  const transferTxSubmit = await transferTxSign.execute(client); <--- this is giving up  
the following error```\n\n```\nError: max attempts of 10 was reached for request with last error  
being: GrpcServiceError: gRPC service failed with status: UNAVAILABLE\n  at  
TransferTransaction.execute  
(/@hashgraph/sdk/lib/Executable.cjs:666:11)\n  at processTicksAndRejections (internal/process/task_queues.js:95:5)\n  at runNextTicks (internal/process/task_queues.js:64:3)\n  at listOnTimeout (internal/timers.js:526:9)\n  at processTimers (internal/timers.js:500:7)\n  at async createAccount (/home/parishilan/Documents/liminal/BlockchainPoc/src/  
hedera.ts:131:36)```\n
```

207. By cryptoktm in the Developer General Channel on 06/08/2023

issue persist and it was there since some days now,

```
`` ` // create client
  const client = Client.forTestnet().setOperator(operatorId, operatorKey);
  ...
  ...
  const transferTxSubmit = await transferTxSign.execute(client); <--- this is giving up
the following error
`` `
```

208. By thecryptoworld in the Developer General Channel on 06/08/2023

Now I'm getting following errors ----super(props, `receipt for transaction \$
{props.transactionId.toString()} contained error status \${props.status.toString()} `);
^

ReceiptStatusError: receipt for transaction 0.0.3885341@1686220117.663165820 contained
error status CONTRACT_REVERT_EXECUTED
at new ReceiptStatusError (/Users/ravisatyam/Desktop/ravi/escrow-contract/
node_modules/@hashgraph/sdk/lib/ReceiptStatusError.cjs:43:5)

209. By ohm_pathorn in the Developer General Channel on 06/08/2023

Both errors indicates that the server was busy. Can you try again and see if the problem
still persists?

210. By thecryptoworld in the Smart Contracts Channel on 06/08/2023

Hi , I am trying to deploy contract using contract factory and getting following
errors. If anyone suggest me the right path to find the correct approach to resolve
the issue it will be appreciable. -----super(props, `receipt for transaction \$
{props.transactionId.toString()} contained error status \${props.status.toString()} `);
^

ReceiptStatusError: receipt for transaction 0.0.3885341@1686215769.839932827 contained
error status CONTRACT_REVERT_EXECUTED
at new ReceiptStatusError (/Users/ravisatyam/Desktop/ravi/escrow-contract/
node_modules/@hashgraph/sdk/lib/ReceiptStatusError.cjs:43:5)

211. By cryptoktm in the Developer General Channel on 06/08/2023

Im getting the same error as another user while trying to execute a trnx :

```
`` `Error: max attempts of 10 was reached for request with last error
being: GrpcServiceError: gRPC service failed with status: UNAVAILABLE\n  at
TransferTransaction.execute
(/@hashgraph/sdk/lib/Executable.cjs:666:11)\n
at processTicksAndRejections (internal/process/task_queues.js:95:5)\n
at runNextTicks (internal/process/task_queues.js:64:3)\n
at listOnTimeout (internal/timers.js:526:9)\n
at processTimers (internal/timers.js:500:7)\n
```

at async createAccount (/home/parishilan/Documents/liminal/BlockchainPoc/src/hedera.ts:131:36)'` ``

212. By thecryptoworld in the Developer General Channel on 06/08/2023

Hi guys, I am getting below errors again and againCan anyone suggest me the solution for this.-----throw new Error(`max attempts of \${maxAttempts.toString()} was reached for request with last error being: \${persistentError != null ? persistentError.toString() : ""}`);
^

Error: max attempts of 10 was reached for request with last error being: GrpcServiceError: gRPC service failed with status: UNAVAILABLE
at ContractExecuteTransaction.execute (/Users/ravisatyam/Desktop/ravi/escrow-contract/node_modules/@hashgraph/sdk/lib/Executable.cjs:666:11)

213. By cryptoroshan in the Developer General Channel on 06/08/2023

I tried to connect hashpack wallet in react vite project.
But error occurs.
What error is this?
@ @Pathorn

214. By bugbytes in the Developer General Channel on 06/07/2023

Your perception is wrong, yes you can, and I proved it above.

215. By bugbytes in the Developer General Channel on 06/07/2023

I'm not wrong, sending keys can be 1 of n threshold keys, I've done it before. @Trustless
I don't know if the official SDKs make this easy or not, but its quite dooable.

216. By ohm_pathorn in the Developer General Channel on 06/06/2023

2.) Correct
3.) I think the limitation is on the network layer so modifying the file will not fix the problem but let me confirm with the engineering team.
4.) Currently `eth_gasEstimation` endpoint still does not work correctly and our engineering team is working on it. The transaction will consume at least 80% of the gas limit you set in the transaction. For example if you set gas limit to 100k, the transaction fee will be at least 80k even though the actual gas fee of that transaction might be much cheaper. To find the actual gas cost of a transaction is a bit tricky as you have to find tune your gas limit.

217. By swtrse in the Developer General Channel on 06/06/2023

for starters if the token is fixed you can just check and hardcode it. In SafeHTS there is a function safeGetTokenInfo that returns an IHederaTokenService.TokenInfo object if the call succeeded I assume it is an HTS token. Or in the HederaTokenService.sol there is the isToken function or that getTokenType function that can be used too.
After Importing SafeHTS.sol you can call the transfer Token like that:
SafeHTS.saveTransferToken(_token, address(this), _newVault, _amount);

218. By Oxfanon in the Javascript Channel on 06/06/2023

Opened the issue

219. By bugbytes in the Javascript Channel on 06/06/2023

don't know what to say, the example must have been wrong.

220. By ohm_pathorn in the Javascript Channel on 06/06/2023

I am not aware of the workaround but if you create an issue, the team might be able to suggest some resolution.

221. By ohm_pathorn in the Javascript Channel on 06/06/2023

Yes ABI does support uint256 but Hedera Service does not support that. I think this is a limitation of our network. Do you mind create an issue on this repo so our engineer can look into the issue? <https://github.com/hashgraph/hedera-services/issues>

222. By Oxanon in the Javascript Channel on 06/06/2023

The ABI function takes input as uint256

So I don't think so what is the issue

And the contract function even don't get called at first place it gives error before that

223. By leech_dev in the Smart Contracts Channel on 06/05/2023

Yeah, thank you for the message.

I just found the problem.

It was related to the RPC.

testnet RPC is very slow and that caused the issues. PreviewNet RPC is working fine.

Thank you

224. By ohm_pathorn in the Smart Contracts Channel on 06/05/2023

Hi @LightFury , does Hardhat always return the error? The timeout error is very common for HashIO as it's used and shared within the community. I suggest you keep trying and if the problem does not go away I suggest you to run your own JSON RPC relay so avoid the congestion problem. <https://github.com/hashgraph/hedera-json-rpc-relay>

225. By ohm_pathorn in the Developer General Channel on 06/05/2023

Hi @Swtrse, thank you for the questions.

1. Yes, actually you can wrap HTS token with ERC20 interface as it does provide the same interface as ERC20 token. <https://github.com/hashgraph/hedera-smart-contracts/blob/476843796a61d7c380a995e351ad53ffd263fcb2/contracts/hts-precompile/examples/erc-20/ERC20Contract.sol#L26>

2. Of course, you can use both ERC20 and HTS in your smart contract but you will need to have a condition to check the type of token you are dealing with (ERC20 or HTS)

3. I believe our engineers use int64 because Hbar only has 9 decimal compared to Eth that has 18 decimal but feel free to create an issue in the repo so our engineer is aware of your problem. <https://github.com/hashgraph/hedera-sdk-js/issues>

4. It might not be the case but if you use HTS, the transfer outside of your smart contract will be much cheaper for the users.

5. You should check the amount at your application layer.

6. There is a balanceOf

function here. <https://github.com/hashgraph/hedera-smart-contracts/blob/476843796a61d7c380a995e351ad53ffd263fcb2/contracts/hts-precompile/examples/erc-20/ERC20Contract.sol#L26>

226. By leech_dev in the Smart Contracts Channel on 06/05/2023

Hi Hedera Team.

I need help on deploying the solidity contract using Hardhat.

```

```
> deploy:hedera_testnet
```

```
> npx hardhat run ./scripts/deploy.ts --network hedera_testnet
```

```
(node:43297) ExperimentalWarning: stream/web is an experimental feature. This feature could change at any time
```

```
(Use `node --trace-warnings ...` to show where the warning was created)
```

```
(node:43300) ExperimentalWarning: stream/web is an experimental feature. This feature could change at any time
```

```
(Use `node --trace-warnings ...` to show where the warning was created)
```

```
HeadersTimeoutError: Headers Timeout Error
```

```
 at Timeout.onParserTimeout [as callback] (/Volumes/Work/contracts/solidity/PaymentRouter/node_modules/undici/lib/client.js:931:28)
```

```
 at Timeout.onTimeout [as _onTimeout] (/Volumes/Work/contracts/solidity/PaymentRouter/node_modules/undici/lib/timers.js:20:13)
```

```
 at listOnTimeout (node:internal/timers:557:17)
```

```
 at processTimers (node:internal/timers:500:7) {
```

```
 code: 'UND_ERR_HEADERS_TIMEOUT'
```

```
}
```
```

It worked for simple ERC20 token but does not work upgradeable contract using `TransparentUpgradeableProxy` with hardhat's `deployProxy` function.

Could you please help me on this?

227. By .piyush16 in the Javascript Channel on 06/05/2023

I am trying to create an api which will transfer NFT from one account to another using smart contract method.

I am creating transaction bytes of smart contract method and signing from user private key on ui and sending back the signature to backend to get execute.

I am getting error of SPENDER_DOES_NOT_HAVE_ALLOWANCE as payer for call is my system user and NFT is own by another user.

Is there some way i can implement same type of thing without giving allowance or giving allowance is must then can i do using contract?

228. By shilpachittara in the Developer General Channel on 06/05/2023

Hi everyone,

I'm currently developing an SDK using the @hashgraph/sdk and I've run into an issue when integrating it with a Next.js frontend application. The problem is that @hashgraph/sdk relies on the @grpc/grpc-js library, which in turn uses the http2 module. However, http2 is not available in a browser environment, causing an error.

The error message I'm seeing is: Module not found: Can't resolve 'http2'.

I have already tried to configure Webpack to not replace the http2 module with false, and

to provide a browser-compatible replacement, but that hasn't resolved the issue. It's also important to note that due to the constraints of my project, I'm unable to modify the @hashgraph/sdk and @grpc/grpc-js libraries.

Has anyone run into a similar issue or does anyone have suggestions for how to get @grpc/grpc-js to work correctly in a browser/Next.js environment? Any help would be greatly appreciated!

Thanks in advance!

229. By Oxanon in the Javascript Channel on 06/04/2023

I am facing this error while adding input in a smart contract function

It works till the e+20 but as soon it gets 21 it is giving me this error

230. By bmino in the Smart Contracts Channel on 06/03/2023

hey should it be possible to use `setMaxAutomaticTokenAssociations(10)` when deploying a contract via `ContractCreateFlow`? I am getting a `NOT_SUPPORTED` error in precheck attempting this on testnet

231. By .cryptorush in the Developer General Channel on 06/02/2023

I get wrong nonce from `get_transaction_count` call of JSON RPC relay. I tried `latest`, and `pending` but same result. I gave 10s delay after creating a txn, but still not working. How long does it take for the latest nonce is synced on JSON RPC relay server?

232. By topachi in the Developer General Channel on 06/02/2023

@Greg Scullard @Justin Atwell @Ed Marquez @Michael hey guys! hope is all well. When updating a file on HFS, 9 times out of 10 I get the error `ReceiptStatusError: receipt for transaction 0.0.3224@1685697835.009560718 contained error status INVALID_EXPIRATION_TIME` on testnet.

Any hint?

233. By qthinh9746 in the Developer General Channel on 06/02/2023

Well Im using Oppenzeplin Gorvenance in Hedera hashgraph. When calling state to see the status of the proposal it need proposalId with type of BigNumberJS but when i pass into a type of its i got error Invalid bignumber value. I think something is wrong with ContractFunctionParameters().addUint256 parameter

234. By sabyaaaa in the Smart Contracts Channel on 06/01/2023

Passing a wrong parameter while function calling:')

235. By sabyaaaa in the Smart Contracts Channel on 06/01/2023

Hi, i solved the issue

236. By burner3819 in the Developer General Channel on 06/01/2023

@turbomaster#306 you created SimpleCryptoObject wrong.

237. By .turbomaster in the Developer General Channel on 06/01/2023

what the issue with topic info

238. By cryptoroshan in the Developer General Channel on 06/01/2023

Same error will be occur

239. By nature_lover_ in the Developer General Channel on 06/01/2023

Hii @burner ,I'm facing same issue and want to decode.so have any references pls share

240. By .turbomaster in the Developer General Channel on 06/01/2023

hi "SimpleCrypto object MUST BE initialised with a SECRET KEY" facing this error while writing code for association of token in react that send transaction through hashpack to backend in nodejs to use our client , Can anyone help in solving this error ?

241. By gmesika#4574 in the Developer General Channel on 06/01/2023

of course it will be a totally fresh network, but from legal pov - any idea if any issue with that?

242. By davinci783 in the Developer General Channel on 05/31/2023

```\n

LP Locker:

The LP (Liquidity Provider) Locker tool offers a way for liquidity providers to lock their LP tokens. This contributes to the stability and reliability of the decentralized exchange where the token is being used.

Liquidity providers typically deposit their tokens into a liquidity pool, receiving LP tokens in return. These LP tokens represent their share in the pool and can be used to reclaim their share of the pool's total assets. However, early withdrawal of liquidity by providers can destabilize the pool, causing issues like price slippage.

By locking LP tokens, the liquidity providers commit to maintaining their liquidity in the pool for a set period of time, instilling confidence among the users of the decentralized exchange. This can also prevent manipulative practices like 'rug pulls', where a large liquidity provider suddenly withdraws, destabilizing the token price.```\n

**243. By qthinh9746 in the Developer General Channel on 05/31/2023**

thanks but I already do that tho, but I still got that error

**244. By burner3819 in the Developer General Channel on 05/31/2023**

Format is wrong.

big number = BigNumber (string) or

```
var BigNumber = require('bignumber.js');
require(['path/to/bignumber'], function(BigNumber) {
 // Use BigNumber here in local scope. No global BigNumber.
});
```

**245. By qthinh9746 in the Developer General Channel on 05/31/2023**

Hi, please help me with this problem. ContractFunctionParameters().addUint256 need argument is type of BigNumber.js. I try BigNumberJS or BigNumber from hether are wrong. I dont know why i pass the correct argument type but got this error

**246. By i.r.o.n in the Smart Contracts Channel on 05/31/2023**

The receive() payable works nicely and did solve the issue I saw. Thanks guys

**247. By san1412 in the Consensus Service Channel on 05/30/2023**

@Pathorn i stucked in this issue in nearly 2-3 days

**248. By ohm\_pathorn in the Consensus Service Channel on 05/30/2023**

HashIO is not very stable. Sometimes you might experience timeouts or interrupted service. Is the issue resolved for you?

**249. By i.r.o.n in the Developer General Channel on 05/30/2023**

Looks like this is fixed now, thanks

**250. By sabyaaaa in the Smart Contracts Channel on 05/30/2023**

Hi guys, when i am trying to deploy a factory contract on hedera testnet using Hedera smart contract service... it is giving error

```
`ReceiptStatusError: receipt for transaction 0.0.3885310@1685472528.556259241
contained error status CONTRACT_EXECUTION_EXCEPTION`
```

can someone please help me out?

**251. By Michael Garber#5033 in the Javascript Channel on 05/30/2023**

And then add it to the issue

**252. By Michael Garber#5033 in the Javascript Channel on 05/30/2023**

Created this for you, Iron <https://github.com/hashgraph/hedera-services/issues/6823>

**253. By alberto-IoBuilders#0345 in the Developer General Channel on 05/29/2023**

we are currently having problems with the hashio json-rpc node (errors 500), is it affecting anyone else?

**254. By sabyaaaa in the Smart Contracts Channel on 05/29/2023**

sure, i am having the same issue.. can you show some demo scripts?

**255. By san1412 in the Developer General Channel on 05/29/2023**

@Pathorn I got this issue in hedera testnet rpc in my metamask

**256. By san1412 in the Consensus Service Channel on 05/29/2023**

@Pathorn I got this issue in hedera testnet rpc in metamask

**257. By i.r.o.n in the Smart Contracts Channel on 05/28/2023**

Thanks for the suggestion but i won't be able to try that as the 3rd-party contract that I'm interacting with that uses `TransferHelper.safeTransferHBAR(to, value)` and I don't have control over that. If I interact with the 3rd party contract directly using my account, everything works. However if I get my contract to interact with this 3rd party contract, I get `TransferHelper::safeTransferHBAR: HBAR transfer failed` as if it wouldn't want to transfer the HBAR amount to my smart contract. I just want to know if it's a limitation within smart contracts, or if I'm doing something wrong

**258. By qthinh9746 in the Developer General Channel on 05/28/2023**

I was wondering if a transaction failed due to some line code in function of contract. So if there is an emit before that error code. Will there's still that emit

**259. By i.r.o.n in the Developer General Channel on 05/27/2023**

Not sure where to report misc docs issues, so I'll just post it here. Let me know if there's a better place to post misc things like this

` /api/v1/accounts/{idOrAliasOrEvmAddress}/allowances/tokens` (via <https://docs.hedera.com/hedera/sdks-and-apis/rest-api>)

Is missing the `token\_id` field in the 200:OK response schema and example

**260. By qthinh9746 in the Smart Contracts Channel on 05/27/2023**

Im use hashpack and hashgraph SDK to call a function in contract but somehow the hashgraph way is success but the hashpack is error with the error code in 3th picture "GovernorFactory: failed to call initialize vote token". I dont know where does this error come from. Does anyone know about this

**261. By Karlo P#1349 in the Token Service Channel on 05/26/2023**

Maybe I went the wrong path here by using treasury. This is my use case:

I am trying to enable transactions between Alice and Bob, where Alice would not have to pay for transaction fees. The idea is that John pays for transaction fees. John is a third party that will give X amount of tokens to Alice to spend (in one or multiple transactions), and Alice doesn't have to worry about the fees.

**262. By qthinh9746 in the Developer General Channel on 05/26/2023**

I supposed it doesn't work in both ways. I have tried using DelegateContractId.fromEVMAddress due to this contract is created by CREATE2. but the result still error because of negative ids or 0.0.0 like this

**263. By ohm\_pathorn in the Token Service Channel on 05/26/2023**

The error indicates that 20 HBAR is not enough. Please try to increase the max transaction fee to 40 HBAR. The fee has been increased because the HBAR price dropped.

**264. By nickpoorman in the Developer General Channel on 05/25/2023**

It's being fixed

**265. By ohjeeez in the Token Service Channel on 05/25/2023**

Hello! Any idea why I keep getting this error on tokencreate  
{"name":"StatusError","status":"INSUFFICIENT\_TX\_FEE","transactionId":"0.0.20258@1685029912.853270277","message":"receipt for transaction 0.0.20258@1685029912.853270277 contained error status INSUFFICIENT\_TX\_FEE"} when I have my max transaction fee set to 20 HBAR and Im getting charged 18?  
<https://hashscan.io/testnet/transaction/1685029924.590828003>

**266. By PerryM#3296 in the Java Channel on 05/25/2023**

Hello all, I am occasionally encountering the following exception while executing transfer transactions on testnet: `io.grpc.StatusRuntimeException: INTERNAL: Received

unexpected EOS on empty DATA frame from server`. As far as I can tell the transfer is still successfully made on testnet, but from my service's perspective I don't actually get a TransactionResponse, and therefore can't get a receipt to verify it. I'm curious if anyone has encountered this issue before?

**267. By pdpatel3#3607 in the Developer General Channel on 05/25/2023**

I am also getting the same error.

**268. By 4nap in the Developer General Channel on 05/25/2023**

hey all, I get an error when minting on the testnet:

MAX\_NFTS\_IN\_PRICE\_REGIME\_HAVE\_BEEN\_MINTED. What does that mean exactly? Can't find anything in the documentation. Thank you in advance!

**269. By deejay0076 in the Developer General Channel on 05/25/2023**

suggestion(s)

1) if you look up the transaction on hashscan and it was reverted with a text string it will be displayed there. sometimes need to check the child tx vs parent to understand exactly

2) grab the error from mirror node and unpack. several scripts around for that but happy to share mine if you need.

3) override the setValidateReceiptStatus() flag to be false then you can get the record directly in the SDK and decode it, e.g.

```
...
async function parseError(txId) {
 client.setOperator(operatorId, operatorKey);
 const record = await new TransactionRecordQuery()
 .setTransactionId(txId)
 .setValidateReceiptStatus(false)
 .execute(client);

 // console.log('Error Record:', record);
 return iface.parseError(record.contractFunctionResult.errorMessage);
}
...
```

Which I use for custom errors.

**270. By ndtr2000 in the Developer General Channel on 05/25/2023**

How can I get error message from response since I always get CONTRACT\_REVERT\_EXECUTED. That's really hard to figure it out what's going on

**271. By mbsworldslabs in the Developer General Channel on 05/25/2023**

if there are sync issues

**272. By mbsworldslabs in the Developer General Channel on 05/25/2023**

some mirror nodes as I said seem to have latency issues

**273. By mbswirldslabs in the Developer General Channel on 05/25/2023**

this is on hashscan you see the issue?

**274. By mbswirldslabs in the Developer General Channel on 05/25/2023**

Can you define 'old' in this instance? 4 secs ago? 4 mins? 4 days? There is a slight delay in the mirror nodes syncing state from the validators nodes as they read the data and process it. The node you are reading from may have performance issues or its network connection to the state logs is slow causing the latency.

**275. By ohm\_pathorn in the Developer General Channel on 05/24/2023**

I see. Yes do you mind creating an issue explaining your problem here in the SDK repo <https://github.com/hashgraph/hedera-sdk-js/issues>? I think the SDK throw exception is by design but I am not sure what is the reason behind this. The SDK should be able to return the receipt/record.

**276. By i.r.o.n in the Developer General Channel on 05/24/2023**

I see. So the fee used doesn't get returned along the error object on failure and I need to query the mirror node for the fee used. Could including the fee/gas used in the error object be considered as a feature request or is it technically not possible to implement?

**277. By i.r.o.n in the Developer General Channel on 05/24/2023**

It was an expected fail and that's all good. I was just wondering if the error object would return the gas / HBAR fee used so I can log this.

**278. By i.r.o.n in the Developer General Channel on 05/23/2023**

When a ContractExecuteTransaction call fails (reverted) and the error is caught, how can I get the HBAR fee used? I had a look in the error object it doesn't seem to be there? (Javascript)

**279. By iura.gaitur#7133 in the Javascript Channel on 05/23/2023**

Hello

I am trying to create an initial test account with balance using the official docs (TestNet). I am using Typescript :

```
`const newAccountPrivateKey = await PrivateKey.generateED25519()
const newAccountPublicKey = newAccountPrivateKey.publicKey`
```

```
this.newAccount = await new AccountCreateTransaction()
 .setKey(newAccountPublicKey)
 .setInitialBalance(Hbar.fromTinybars(1000))
 .execute(this.client)
`
```

Unfortunately I cannot run the code as the

```
`setKey(newAccountPublicKey)`
```

requires a Key and not a public key. It throws me the error

Property '\_toProtobufKey' is missing in type 'PublicKey' but required in type 'Key'.

Do you have any idea how to fix this?

**280. By deejay0076 in the Smart Contracts Channel on 05/22/2023**

yes - I was just reading back more context and could see that was an issue.

is the compiled bytecode different each time? having the client sign/pay for whole hog seems painful

**281. By louweal in the Smart Contracts Channel on 05/22/2023**

```
``` let signer = Vue.prototype.$hashconnect.getSigner(provider);
const flow = new ContractCreateFlow().setGas(200000).setBytecode(bytecode);
const resp = await flow.executeWithSigner(signer); // Error: `Signer.getAccountKey()` is
not implemented, but is required for `ContractCreateFlow` ```
```

282. By louweal in the Smart Contracts Channel on 05/22/2023

I get an error when I try to sign this transaction

283. By louweal in the Smart Contracts Channel on 05/22/2023

my compiled contract is only 647kB, but I get a TRANSACTION_OVERSIZE error if I try to set the contents directly into the FileCreateTransaction

284. By wraith_x in the Developer General Channel on 05/22/2023

Realised I've posted this in the wrong channel. Moving my question.

285. By cryptoroshan in the Developer General Channel on 05/22/2023

So Service unavailable error occurs

286. By san1412 in the Developer General Channel on 05/22/2023

No, I am persistently facing this error @Pathorn

287. By ohm_pathorn in the Developer General Channel on 05/22/2023

It looks like the server was busy. Do you keep getting the error or it just happened only once?

288. By san1412 in the Developer General Channel on 05/22/2023

got this error during method call using ethers js @Pathorn ?

289. By san1412 in the Developer General Channel on 05/22/2023

Error: bad response (status=502, headers={"date":"Mon, 22 May 2023 09:22:57 GMT","content-type":"text/html; charset=UTF-8","transfer-encoding":"chunked","connection":"close","referrer-policy":"no-referrer","cf-cache-status":"DYNAMIC","server":"cloudflare","cf-ray":"7cb3fea7592a84c5-BOM"}, body="\n<html><head>\n<meta http-equiv=\"content-type\" content=\"text/html; charset=utf-8\">\n<title>502 Server Error</title>\n</head>\n<body text=#000000 bgcolor=#ffffff>\n<h1>Error: Server Error</h1>\n<h2>The server encountered a temporary error and could not complete your request.<p>Please try again in 30 seconds.

290. By nigelthecreator in the Java Channel on 05/20/2023

To clarify, removing the transactionId.generate() method "solves" the issue but the problem is that then the client has to pay the transaction fee. Not great but not terrible

291. By nigelthecreator in the Java Channel on 05/20/2023

Hey y'all. Been using Java SDK to create TransferTransactions with approvedNftTransfer

method and I noticed that setting a transaction Id to that of the payer cannot be done. It always has to be the client that pays otherwise you get a SPENDER_DOES_NOT_HAVE_ALLOWANCE error. Am I doing something wrong or is that just the way it is? Cheers

292. By Rahul (co-founder)#0763 in the Smart Contracts Channel on 05/20/2023
any fix for this CONSENSUS_GAS_EXHAUSTED??

293. By ohm_pathorn in the Developer General Channel on 05/20/2023
Currently our testnet is getting a lot of txs. That's why most of you are experiencing timeout or busy responses from the network. Our engineering team has been made aware of the issue and they are currently looking for a solution. I would suggest you switch to use previewnet or local network in the meantime to avoid congestion problem.

294. By qthinh9746 in the Consensus Service Channel on 05/19/2023
does node error mean i can't connect to the chain?

295. By rhyssied in the Developer General Channel on 05/19/2023
I'm having issues on testnet too (10/10 BUSY). It was working fine earlier today at around 11:30 GMT

296. By luigidg in the Token Service Channel on 05/19/2023
thanks for your reply @Pathorn. i have two environments. test and prod. i have v0.23.0 in prod, and yesterday upgraded to v0.23.4 in test.
i have these intermittent errors in prod. if i dont see errors in test, ill promote that upgrade to prod next week. ill keep you posted.

297. By tomachianura in the Consensus Service Channel on 05/19/2023
@here we're now experiencing the same error reported by @qthinh when attempting to create an HCS topic.
Are you guys sure the upgrade didn't break something, or it's simply testnet under ddos attack?

298. By louweal in the Developer General Channel on 05/19/2023
I also get a timeout (max attempts of 10 reached) error after FileCreateTransaction

299. By .cryptorush in the Developer General Channel on 05/19/2023
Is something wrong with testnet? I can't deploy transactions using ethers & JSON RPC relay server. Read operations seems to be working fine with JSON RPC relay. I get timeout error after FileCreate transaction

300. By tomachianura in the Consensus Service Channel on 05/19/2023
Sorry can't help, I don't deal with contracts

Your error looks different than mine anyhow, maybe something related to the testnet upgrade?

301. By bugbytes in the Developer General Channel on 05/19/2023
Curious, what was the fix?

302. By ohm_pathorn in the Developer General Channel on 05/19/2023

We have fixed the problem. Could you please try again and let us know if you are still having the problem.

303. By qthinh9746 in the Consensus Service Channel on 05/19/2023

yes, I see that the Hedera testnet was upgrading yesterday. And now when deploying a contract, i got this error. I have tried sync the time with the internet but still not work

304. By qthinh9746 in the Token Service Channel on 05/19/2023

hi i still get the error even though a upgrade the hashgragh/sdk to 2.25.0

305. By qthinh9746 in the Consensus Service Channel on 05/19/2023

could you show me how to fix that error. I got the same error

306. By ohm_pathorn in the Token Service Channel on 05/18/2023

Hi @Luigi di Girolamo, this is an interesting error. Could you please try upgrading the relay to the newest version and let me know if you are still facing the issue?

307. By jackd#4856 in the Token Service Channel on 05/18/2023

Hello, ever since the testnet upgrade I have been having trouble mint NFTs. I keep getting the following error

```
`Error: max attempts of 10 was reached for request with last error being: BUSY`
```

has anyone else seen this?

308. By jackd#4856 in the Developer General Channel on 05/18/2023

Hello, ever since the testnet upgrade I have been having trouble mint NFTs. I keep getting the following error

```
` `` `
```

Error: max attempts of 10 was reached for request with last error being: BUSY

```
` `` `
```

has anyone else seen this?

309. By louweal in the Javascript Channel on 05/18/2023

Hmm.. when I add the .signWithSigner line to my code I also get an error.... `` ` const fileCreateTx = new FileCreateTransaction()

```
  .setContents(bytecode)
  .setMaxTransactionFee(new Hbar(2))
  .freezeWithSigner(signer);
```

```
const fileCreateSign = await fileCreateTx.signWithSigner(signer); //
fileCreateTx.signWithSigner is not a function
const txCreateResponse = await fileCreateSign.executeWithSigner(signer);` ``
```

310. By louweal in the Javascript Channel on 05/18/2023

```
` `` ` let signer = Vue.prototype.$hashconnect.getSigner(provider);
const fileCreateTx = new FileCreateTransaction()
  .setContents(bytecode)
  .setMaxTransactionFee(new Hbar(2))
```

```
.freezeWithSigner(signer);
const txCreateResponse = await fileCreateTx.executeWithSigner(signer); // error:
fileCreateTx.executeWithSigner is not a function `` I think I should also be able to simply
use 'signer' instead of 'wallet'? But this code also returns an error...
```

311. By louweal in the Javascript Channel on 05/18/2023

I'm getting a weird error when I try to use LocalProvider, saying that LocalProvider is not a constructor. I'm using version 2.24.1 and I also checked my node_modules and the LocalProvider code is there... I'm stuck for hours now... `` const { LocalProvider } = require("@hashgraph/sdk");
let lp = new LocalProvider(); // Uncaught (in promise) TypeError: LocalProvider is not a constructor ``

312. By san1412 in the Developer General Channel on 05/18/2023

when I called approve method in smart contract it was perfect but when I call allowance method it's show 0 and I got SPENDER_DOES_NOT_HAVE_ALLOWANCE error when I call transferFrom

313. By ohm_pathorn in the Developer General Channel on 05/18/2023

What's the error you got from calling?

314. By luigidg in the Token Service Channel on 05/18/2023

hey all

i have a hedera-json-rpc-relay deployed in my kubernetes cluster at version v0.23.0.
i've been seeing the same intermittent issue yesterday and today when i try a read call to the contract `0x6D6f05011D4d88f4DfB2716FEE7d1a1aFAC01686` in testnet. though when i restart the relay, the issue stops.

the error message is:

```
` failed precheck with status INVALID_TRANSACTION_BODY [0] at new
PrecheckStatusError`
```

i was also able to get the stacktrace from the logs:

```
``js
"validNetworkError": true
"_code": 50
"status": {
  at process.processTicksAndRejections (node:internal/process/task_queues:95:5)
  at rejected (/home/node/app/packages/relay/dist/lib/clients/sdkClient.js:25:65)
  at Generator.throw (<anonymous>)
  at SDKClient.<anonymous> (/home/node/app/packages/relay/dist/lib/clients/
sdkClient.js:369:44)
  Error: transaction 0.0.3675516@1684362151.896603077 failed precheck with status
INVALID_TRANSACTION_BODY
  "stack":
  "message": "transaction 0.0.3675516@1684362151.896603077 failed precheck with
status INVALID_TRANSACTION_BODY",
  "type": "SDKClientError",
}
``
```

does anybody have any clue? do you think that upgrading to v0.23.4 might mitigate this issue? thank you.

315. By ohm_pathorn in the Developer General Channel on 05/18/2023

Looks like a compatible issue between the mirror node and hashscan. Could you please let me know the version of the mirror node and Hashscan that you are using? I think the `initCode` has been renamed to `runtime_bytecode` so that's probably why it's empty.

316. By i.r.o.n in the Developer General Channel on 05/18/2023

Another question: is auto token association supported in smart contract? when I provide a value to maxTokenAssociation() for the ContractCreateFlow I get a NOT_SUPPORTED error. If it's not supported, what is the workaround to this? My goal is to be able to send any token to my smart contract that I own for my use only.

317. By i.r.o.n in the Developer General Channel on 05/17/2023

When I try and delete a smart contract on mainnet using the client that originally created the smart contract, I received a MODIFYING_IMMUTABLE_CONTRACT message. What am I doing wrong?

Here's the relevant code

```
``` const contractId = hs.ContractId.fromString(`0.0.${contractIdNum}`);

const contractTx = await new ContractDeleteTransaction()
 .setContractId(contractId)
 .setTransferAccountId(client.operatorAccountId);

const contractResponse = await contractTx.execute(client);
```
```

318. By purpliatst in the Token Service Channel on 05/17/2023

However, the code throws following exception - `Error - PrecheckStatusError: transaction 0.0.3833523@1684371015.236324699 failed precheck with status INVALID_TRANSACTION_BODY [0] at new PrecheckStatusError`

319. By purpliatst in the Token Service Channel on 05/17/2023

My 2nd issue is that I am trying to mint multiple nfts using following fn -

320. By blackcow02 in the Developer General Channel on 05/17/2023

Thx for the reply. I worked through the issue, I had mixed up some of the code between a few of the reference examples.

321. By y.nax#6802 in the Smart Contracts Channel on 05/16/2023

Hello. Please check this issue I think it's urgent as it's not useable atm: github.com/hashgraph/hedera-json-rpc-relay/issues/1259

322. By Kyuu#7167 in the Developer General Channel on 05/16/2023

Issue solve. Some problem with Metamask version 10.30.2

After update metamask version 10.30.3 by following instruction(<https://support.metamask.io/hc/en-us/articles/360016336611-Revert-back-to-earlier-version-or-add-custom-build-to-Chrome>). You can connect hedera mainnet with metamask.

323. By reg.cs in the Token Service Channel on 05/16/2023

Ah, interesting and good point. I wasn't aware that it's done this way for the network fees. Thanks!

The only problem with this approach is: It would be too centralized. If the machine running the script goes off (power shortage, error, etc.), the whole approach and use case collapses. Not ideal for a decentralized project.

324. By ohm_pathorn in the Developer General Channel on 05/15/2023

Normally `CONTRACT_EXECUTION_EXCEPTION` is not caused by the congestion issue. Could you please share more about the contract you deployed?

325. By i.r.o.n in the Developer General Channel on 05/15/2023

Let's consider this contract:

<https://hashscan.io/mainnet/account/0.0.1463739>

It has WHBAR and HBARX token balances

<https://mainnet-public.mirrornode.hedera.com/api/v1/balances?account.id=0.0.1463739>

Gives the expected result:

```
` ``{"timestamp":"1684195119.991040523","balances":
[{"account":"0.0.1463739","balance":52956654,"tokens":
[{"token_id":"0.0.1463740","balance":0},
{"token_id":"0.0.1456986","balance":5542161570918535},
{"token_id":"0.0.834116","balance":4474921271485659}]}],"links":{"next":null}}` ``
```

However if I were to use the EVM address

<https://mainnet-public.mirrornode.hedera.com/api/v1/balances?account.id=0xb6d4c5a61a0c104b6c9222630fac403178725f7f>

It yield no balance values

```
` ``{"timestamp":null,"balances":[],"links":{"next":null}}` ``
```

What am I doing wrong?

My goal is to return the HBAR and token balances from a smart contract EVM address.

326. By blackcow02 in the Developer General Channel on 05/15/2023

Sorry to post this... Because some of the comments above seem to imply a congestion issue on testnet.

I am just exploring some of the SDK samples. I am not able to deploy the smart contract example. Is anyone else encountering any issues (i.e. - CONTRACT_EXECUTION_EXCEPTION) deploying contracts to testnet?

TIA for any insight that can/could be shared.

327. By reg.cs in the Token Service Channel on 05/15/2023

Hi, I am curious: Is there a way to define a fixed fee for token/NFT not in terms of Hbar or any other token but in terms of USD, which are then transferred as hbar? Basically, this would be similar like the hashgraph handles it's fee model, which might be handy for certain use cases.

328. By cryptoroshan in the Developer General Channel on 05/15/2023

This helps to prevent issues such as double spending

329. By adriankbl in the Javascript Channel on 05/14/2023

A new Issue has been opened in the SDK

330. By adriankbl in the Javascript Channel on 05/14/2023

They reproduced it, but looks like it's hard to fix

331. By adriankbl in the Javascript Channel on 05/14/2023

We just keep having the same error executing transactions in FrontEnd

332. By moise4sidibe in the Java Channel on 05/14/2023

Hi, newbie here

Getting below error while creating a new account with java sdk:

```
com.hedera.hashgraph.sdk.MaxAttemptsExceededException: exceeded maximum
attempts for request with last exception being
com.hedera.hashgraph.sdk.PrecheckStatusException: Hedera transaction
`0.0.9872979@1684068109.270235148` failed pre-check with the status `BUSY`
```

is testnet up and running ? tested with java 11 and 17 same issue. I added custom retry but I am always getting the same error.
Can you please help?

333. By junsikchoi in the Developer General Channel on 05/13/2023

Hi, during running a hedera-local-node, I found that the "mirror-node-importer" container size is keep growing over 250GB for 13 hours!.

Logs from mirror-node-importer keep warning with "WARN

pool-15-thread-1 c.h.m.i.d.p.LocalStreamFileProvider Unable to delete

file /node/streams/recordstreams/record0.0.3/2023-05-13T14_21_19.035165884Z.rcd_sig: /node/streams/recordstreams/record0.0.3/2023-05-13T14_21_19.035165884Z.rcd_sig"

What am I doing wrong? or is this normal?

334. By vr1587 in the Developer General Channel on 05/13/2023

Seems like an issue was resolved

335. By johnda98 in the Smart Contracts Channel on 05/13/2023

if a user can do it from hashpack . they might assume a crypto xfer from other wallets will be same.. nope.

its not a wallet issue... its a EVM call from a inprotocol hbar xfer which prob is too 'unacceptable' in TPS impact to implement... all good..

gossip gossip is a superb micro pay suitable protocol... not so much a fully-functioning 'heavy' EVM burdened suitable protocol.

336. By deejay0076 in the Developer General Channel on 05/13/2023

I just kicked off a test suite and having issues too

337. By vr1587 in the Developer General Channel on 05/13/2023

`Error: max attempts of 10 was reached for request with last error being: BUSY`
in `/node_modules/@hashgraph/sdk/src/contract/ContractCreateFlow.js:388:24) ` still persists even on `"@hashgraph/sdk": "^2.24.2",` I uninstalled and installed package to be sure

Seems it's not it

338. By .transformer56 in the Developer General Channel on 05/12/2023

Hi!

I am getting this error ****CODE_TOO_LARGE****.
My code is not that large, ~200 lines.

<https://hashscan.io/mainnet/transaction/1683877333.789323003?p1=1>

Anybody know the solution?

339. By ed.marquez in the Developer General Channel on 05/11/2023

Hey all — just sharing an FYI...

An issue that affected HashIO during periods of high load was discovered by the Swirlds Labs team on May 10, 2023. ****While the issue is not currently ongoing, we wanted to inform you of the situation and provide some detail on our path to resolution.****

The issue related to contract queries and transactions, specifically the response for `ContractCallQuery`, `AccountInfoQuery` and `EthereumTransaction`. This impacted `eth_call`, `eth_getTransactionCount` submissions and some `eth_sendRawTransaction` instances from DApps, resulting in a failure of error.

The issue on our Github Repository is: <https://github.com/hashgraph/hedera-json-rpc-relay/issues/1222>

****There is no current action needed and we appreciate your patience as we work to improve the reliability of HashIO. ****

Please do remember that HashIO is a JSON-RPC relay community service by Swirlds Labs

that is currently in beta and meant for testing purposes only.
<https://swirldslabs.com/hashio/>

340. By Rahul (co-founder)#0763 in the Token Service Channel on 05/11/2023
INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE

341. By Rahul (co-founder)#0763 in the Token Service Channel on 05/11/2023
then i minted the token thro smart contract , which threw the error

342. By ohm_pathorn in the Token Service Channel on 05/11/2023
What's the error did you get?

343. By Rahul (co-founder)#0763 in the Token Service Channel on 05/11/2023
I did created a token with contract id as treasury account id and supply key , again same issue

344. By ohm_pathorn in the Token Service Channel on 05/11/2023
INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE indicates that the smart contract does not have the permission to mint the token. We have implemented a new security model change so the smart contract can no longer perform action (mint,burn,etc) on behalf of the account caller. You have to use the SDK to mint it or you have to set the mint key to smart contract id.

345. By Rahul (co-founder)#0763 in the Token Service Channel on 05/11/2023
INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE while minting of Token through Smart Contracts

346. By Kyuu#7167 in the Developer General Channel on 05/10/2023
Issue solved. Just Hashio 50 HBAR limite exceeded.

347. By Kyuu#7167 in the Developer General Channel on 05/10/2023
Is there error that I don't know at JSON-RPC right now?

348. By Kyuu#7167 in the Developer General Channel on 05/10/2023
Hello. I'm having a issue with "deploy-a-smart-contract-using-hardhat" Hedera Official tutorial.
With using JSON-RPC (hashio.io), and I get error with below image.

349. By pwoosam in the Token Service Channel on 05/09/2023
Nah, I was wrong lol

350. By littletarzan in the Token Service Channel on 05/09/2023
checking the flag of every token and summing the true's, then comparing to maxAutomaticTokenAssociations would be a pain

351. By ohm_pathorn in the Token Service Channel on 05/09/2023
The error indicates that the current auto association on the account already exceeds the number you are trying to set (1). Try increasing the number to 10 or 20

352. By ohm_pathorn in the Developer General Channel on 05/09/2023
It looks like the testnet has high network latency today. I have already raised the issue to the devops team to investigate.

353. By .cryptorush in the Developer General Channel on 05/09/2023

Hi. I'm running own JSON RPC relay, but it's not stable. Half of the requests are failing with timeout error. It looks like the issue is recently introduced, probably within 1 months I'd say.

354. By Wayne-Lab49#9321 in the Smart Contracts Channel on 05/04/2023

i have a token where when i mint i set the decimal to 8, and i mint 10,000 initially (ie i pass 1000000000000 for the amount to create, and 8 for the decimal places to the HTS token create). i've been doing this for some while now, without issue.

i just noticed today on hashscan that for a token like this, rather than 10,000.00000000 as the initial amount (ten thousand with 8 decimal places), it is now 1,000,000,000,000.00000000. so it has $10000 * 10^8$ initial supply, AND 8 decimal places? this is extremely confusing

on my hashpack wallet, despite saying this on hashscan, it still says initial supply is 10,000 and the decimals are 8. and if do a token transfer of 21 tokens (or $21 * 10^8$ to account for decimals), in hashscan it says i have 2,100,000,000.00000000 but on hashpack it still "properly" shows 21 tokens.

so which is correct and which should be the "source of truth" here? it should be hashscan i think but its also super super confusing that if what is on hashscan is correct, the entire system of how decimals are integrated into the token supply and value is completely different now. was there any announcement on this that I'm missing, could someone fill me in?

[https://hashscan.io/testnet/account/0.0.4563111?](https://hashscan.io/testnet/account/0.0.4563111?app=false&p2=1&ph=1&pt=1&p1=1&k1=1683214283.553856004)
[app=false&p2=1&ph=1&pt=1&p1=1&k1=1683214283.553856004](https://hashscan.io/testnet/account/0.0.4563111?app=false&p2=1&ph=1&pt=1&p1=1&k1=1683214283.553856004)

355. By jaycoolslm in the Smart Contracts Channel on 04/30/2023

Yes, I saw @bugbytes thread on the dev chat about this...

Surely giving spender allowance on to the SC for the NFTid wont be a fix though? As the NFT has already been transferred from the treasury and is owned by the SC

356. By deejay0076 in the Smart Contracts Channel on 04/30/2023

but to address the core question, if there are fallback fees in the custom fees you likely hit an issue. atomic transfer of hbar vs FT/NFT is not live yet for Solidity. That requires v3 of cryptoTransfer() method which a fair few of us are waiting on. If you have a FT that is associated ot all collector accounts then you can get round this exchanging FT for NFT atomically. ping me if you need more details. fingers crossed we will get the v3 methos implementation 'soon'

357. By jaycoolslm in the Smart Contracts Channel on 04/30/2023

SPENDER_DOES_NOT_HAVE_ALLOWANCE is one of the error messages

358. By jaycoolslm in the Smart Contracts Channel on 04/29/2023

Are there any issues that arise when trying to transfer an nft from an SC to a buyer, if the NFT has already been minted with custom fees from a different treasury (ie. the NFT got transferred into the SC, to then be transferred out)

I have a function which usually works, but is reverting in this instance

359. By root7412 in the Java Channel on 04/27/2023

I use goLang sdk to create a transaction, and I use the `TransferTransaction.fromBytes(decodeHexString)` method in java to report an error. How can I parse and broadcast the transaction in java?

360. By ohm_pathorn in the Token Service Channel on 04/26/2023

Ah that seems to be the root cause. We should open an issue on Github so the team is aware of the issue.

361. By crypto.sheraz in the Smart Contracts Channel on 04/26/2023

Hey, Can anyone please help? I used

```
HederaTokenService.transferFromNFT(nft_collection_1, msg.sender, address(this), tokenId);
```

but it started giving error `TypeError: Cannot call function via contract type name.` Its so weird because just few lines above i was using

```
HederaTokenService.setApprovalForAll(nft_collection_1, address(this), true);
```

and it was not giving any error, I know that i am not supposed to use `setApprovalForAll` here but still why it is giving this error

362. By thecataclysmo in the Javascript Channel on 04/26/2023

Same error message and i am not getting a package-lock file anywhere?

363. By thecataclysmo in the Javascript Channel on 04/26/2023

Facing issues installing the hashgraph sdk

364. By justynjj in the Javascript Channel on 04/26/2023

Ah, I see what I've done wrong. I had to change

```
```
```

```
const contractExecRx = await
provider.getTransactionReceipt(contractExecSubmit.transactionId);
```
```

```
to
```
```

```
const contractExecRx = await
provider.getTransactionReceipt(contractExecTx.transactionId);
```
```

``getTransactionReceipt`` then throws an error with the details of the `StatusError`.

365. By justynjj in the Javascript Channel on 04/26/2023

I'm doing something wrong but can't see what it is...

``await contractExecSign.executeWithSigner(signer)`` is not returning a ``TransactionResponse`` when the contract reverts. As a result, I'm not able to get the

error status from the transaction.

```
```\nconst contractExecTx = await new ContractExecuteTransaction()\n  .setContractId(CONTRACT_ID)\n  .setGas(500000)\n  .setFunction("mySmartContractFunction", params)\n  .freezeWithSigner(signer);\n\nconst contractExecSign = await contractExecTx.signWithSigner(signer);\n\nconst contractExecSubmit = await contractExecSign.executeWithSigner(signer);\n\n// The following fails as `contractExecSubmit` is undefined\nconst contractExecRx = await\n  provider.getTransactionReceipt(contractExecSubmit.transactionId);\n\nconsole.log(contractExecRx.status.toString());\n```\n
```

How do I get hold of the transactionId to find out what the error status was? Help would be appreciated. Thanks.

If the contract execute succeeds then it all works fine and I can get the transactionId from `contractExecSubmit`.

**366. By ohm\_pathorn in the Javascript Channel on 04/26/2023**

I can claim the rewards or unstake. What's the error message you got?

**367. By tjonesdsu#7898 in the Javascript Channel on 04/26/2023**

Why can't I claim rewards or unstake on HashPack? It gives a transaction error message

**368. By Michael Garber#5033 in the Javascript Channel on 04/26/2023**

Can you share your exact error? If you have a tx id that I could see in hashscan would be helpful as well

**369. By ohm\_pathorn in the Token Service Channel on 04/26/2023**

I tested it. I can create a token that will expire in 2123 but I can still update the token name just fine. Can you show the transaction that failed? What property did you try to update? FAIL INVALID can happen if you try to set some parameters incorrectly.

**370. By crypto.sheraz in the Javascript Channel on 04/26/2023**

I was trying to do the setApprovalforAll function from react js

```
`\nconst contractQueryTxApproval = new ContractExecuteTransaction()\n .setContractId(ContractId.fromString(nftListinWallet[key].address))\n .setGas(9500000)\n .setFunction("setApprovalForAll", new\nContractFunctionParameters().addAddress(stakingContractID).addBool(true))\n .freezeWithSigner(signer);\n`
```

```
const contractQuerySubmitApproval = await (await
contractQueryTxApproval).executeWithSigner(signer);`
```

This is how i am running it, But for some reason is giving error of Contract Execution Reverted error, Would you know what have caused this?

**371. By ohm\_pathorn in the Javascript Channel on 04/25/2023**

Hey, I looks like a javascript error more than a network error, can you share the code snippet?

**372. By bala#6228 in the Javascript Channel on 04/25/2023**

"unexpected frame length past the boundary" error throws while creating NFT from MAINNET but TESTNET working fine , kindly help in this

**373. By bala#6228 in the Developer General Channel on 04/25/2023**

"unexpected frame length past the boundary" error throws while creating NFT from MAINNET but TESTNET working fine , kindly help in this

**374. By dobreff.eth in the Developer General Channel on 04/25/2023**

As I mentioned I manage to connect with the relay team and we are going to debug the issue

**375. By dobreff.eth in the Developer General Channel on 04/25/2023**

I believe the issues is not related to the way contract is called  
You can check the error in the console here:  
<https://app.heliswap.io/lockdrop>

**376. By ohm\_pathorn in the Developer General Channel on 04/25/2023**

I see. The contract call reverted for some reason. There are many possible things that can cause the error. I would check check the function parameters, gas limit, value sent first. Can you also share the link to the reverted call on HashScan?

**377. By dobreff.eth in the Developer General Channel on 04/25/2023**

Currently communicating with the relay team, I see a release from yesterday, possibly the reason for the error

**378. By dobreff.eth in the Developer General Channel on 04/25/2023**

if calling contracts without the relay, I am getting contract data, although using the relay, I am having this error

**379. By ohm\_pathorn in the Developer General Channel on 04/25/2023**

Can you show me the error?

**380. By dobreff.eth in the Developer General Channel on 04/25/2023**

Yeah I get that  
I know that there was an update for the relay from last week, removing the Hbar rate limit  
For the last couple of days it was working as expected  
Today I am having a contract error, I believe not related to limits.

**381. By ohm\_pathorn in the Developer General Channel on 04/25/2023**

The JSON RPC Relay is still in its BETA so it does not guarantee SLA. So when it is getting

hit heavily by the users, you might experience some issues. You can run your own JSON RPC relay to avoid such a problem. <https://github.com/hashgraph/hedera-json-rpc-relay>

**382. By dobreff.eth in the Developer General Channel on 04/25/2023**

gm frens

I am having some issues using the relay

**383. By ohm\_pathorn in the Developer General Channel on 04/25/2023**

The mainnet account does not expire at the moment. Can you show me the error that you got?

**384. By datproto | HashGuild #2765 in the Developer General Channel on 04/24/2023**

While refactoring our services - upgrading to the latest SDK Version as well as testing out different alternatives to not hardcode a node, neither the Object.values approach (Error: transaction did not have exactly one node ID set) worked nor freezing with the client directly, omitting passing a node account id directly. We are waiting until 3 is up again.

**385. By quidba7 in the Javascript Channel on 04/24/2023**

Thanks a lot for your reply Pathorn.

I now get an issue that the receipt.fileId is null

**386. By quidba7 in the Javascript Channel on 04/23/2023**

Good evening everyone,

I hope you're having a great weekend.

I am trying to deploy a solidity smart-contract on hedera with a bytecode data above 6kb. I check this post on stackoverflow and I have to use ContractCreateFlow() method but I don't know how I should handle the signature of this contract.

<https://stackoverflow.com/questions/72406476/getting-error-transaction-oversize-while-creating-a-smart-contract-in-hedera-b>

Is there a sample code from gihub also (I don't see)?

<https://github.com/hashgraph/hedera-sdk-js/blob/main/examples>

my code:

```
const operatorId = AccountId.fromString(process.env.OPERATOR_ID);
const operatorKey = PrivateKey.fromString(process.env.OPERATOR_PVKEY);
const client = Client.forTestnet().setOperator(operatorId, operatorKey);
const transaction = new ContractCreateFlow()
 .setGas(1000000)
 .setBytecode(bytecode)
//Sign the transaction with the client operator key and submit to a Hedera network
const txResponse = transaction.execute(client);

//Get the receipt of the transaction
const receipt = (await txResponse).getReceipt(client);
const fileId2 = receipt.fileId;
console.log(`contract bytecode file: ${fileId2.toString()}`);
```

error message:

Uncaught TypeError TypeError: Cannot read properties of undefined (reading 'toString')

Thanks a lot for your help.

**387. By deejay0076 in the Developer General Channel on 04/22/2023**

if you implement HederaTokenService in your contract itself (rather than using SafeHTS) then it is up to you what you do with the error so you can just ignore it (likely safe to ignore but it's a choice)

**388. By davinci783 in the Developer General Channel on 04/22/2023**

i have a question:

in this function:

```
```\n    // Function to associate a token with the contract\n    function associateToken(address token) external {\n        require(token != address(0), "Token address cannot be zero");\n        SafeHTS.safeAssociateToken(token, address(this));\n    }\n```\n
```

how can we add an error handler to check if the token is already associated?

when we associate a token with this function for the first time

everything is ok

but when we associate the same token for the second time that is already associated

we get error

i want to show that error message

```
```\nToken already associated\n```\n
```

**389. By Punisher#1632 in the Developer General Channel on 04/21/2023**

Hi everyone,

I have a requirement to be able to verify that a transaction was signed by a private key associated with an account.

I could simply submit the transaction and get the expected error back, but this is what I'm trying to avoid, as it could have extremely undesirable consequences for our usecase.

So I'm looking for something akin to `ed25519.Verify()` where I provide a known public key, a signature and the transaction/signed string.

I can see on the JS SDK on the PublicKey:

```
```\n/**\n * Verify a signature on a message with this public key.\n */\n
```

```
* @param {Uint8Array} message
* @param {Uint8Array} signature
* @returns {boolean}
*/
verify(message: Uint8Array, signature: Uint8Array): boolean;
/**
* @param {Transaction} transaction
* @returns {boolean}
*/
verifyTransaction(transaction: Transaction): boolean;
```
```

But I don't believe these are what I'm after, because on the actual transaction I can see signatures on the `_signedTransactions` field (which is used by `verifyTransaction`) but I believe these have something to do with nodes when it's frozen/signed - and not the signer I'm after (i.e. the owner of the account who signed the transaction).

Any help or guidance with this would be greatly appreciated.

### **390. By alexrp#0334 in the Developer General Channel on 04/21/2023**

alexrp — Today at 12:49 PM

Hi there,

I am attempting to invoke the `BlockByNumber` method from go-ethereum client through a Hedera JSON-RPC relay. However, I'm getting the following error missing required field `maxPriorityFeePerGas` for `txdata`. It appears that this issue is unique to the Hedera network and does not occur when calling the same method on an EVM-compatible blockchain, such as Polygon.

Can anyone help me solve this issue?

Here is the code in case you want to reproduce it: (go version 1.18.3)

```
```
package main

import (
    "context"
    "fmt"
    "log"
    "math/big"

    "github.com/ethereum/go-ethereum/ethclient"
)

func main() {
    url := "https://testnet.hashio.io/api"
    blockNum := 3689094

    client, err := ethclient.Dial(url)
    if err != nil {
        log.Fatal(err)
    }
```
```

```
 block, err := client.BlockByNumber(context.Background(), big.NewInt(int64(blockNum)))
 if err != nil {
 log.Fatal(err)
 }
 fmt.Println(block)
}
...
```

### 391. By alexrp#0334 in the Consensus Service Channel on 04/21/2023

Hi there,

I am attempting to invoke the `BlockByNumber` method from go-ethereum client through a Hedera JSON-RPC relay. However, I'm getting the following error `missing required field maxPriorityFeePerGas for txdata`. It appears that this issue is unique to the Hedera network and does not occur when calling the same method on an EVM-compatible blockchain, such as Polygon.

Can anyone help me solve this issue?

Here is the code in case you want to reproduce it: (go version 1.18.3)

```
...
```

```
package main
```

```
import (
 "context"
 "fmt"
 "log"
 "math/big"

 "github.com/ethereum/go-ethereum/ethclient"
)
```

```
func main() {
 url := "https://testnet.hashio.io/api"
 blockNum := 3689094

 client, err := ethclient.Dial(url)
 if err != nil {
 log.Fatal(err)
 }

 block, err := client.BlockByNumber(context.Background(), big.NewInt(int64(blockNum)))
 if err != nil {
 log.Fatal(err)
 }
 fmt.Println(block)
}
...
```

### 392. By deejay0076 in the Developer General Channel on 04/21/2023

<https://status.hedera.com>

a few partial outages but unless you are pinning to a specific node in your code you should be ok. (I would check you are using an SDK version of 2.21 or greater as there were some issues in 2.17-[19] )

**393. By 4nap in the Developer General Channel on 04/21/2023**

hey all, since yesterday I get a

```
```
```

```
"max attempts of 10 was reached for request with last error being: GrpcServiceError:
Received RST_STREAM with code 0
```
```

when my backend service tries to generate a transaction and hashpack tries to show the transaction on the client side. Has this something to do with the node servers which are down? Didn't change anything on the code

**394. By dobreff.eth in the Developer General Channel on 04/21/2023**

Any idea why and how to be fixed?

**395. By teacoat in the Developer General Channel on 04/20/2023**

this is likely because the dapp is hardcoded to use node 3 which is currently experiencing issues

**396. By cryptoroshan in the Developer General Channel on 04/20/2023**

Yes. In other platforms, this issue also occurs

**397. By .0xvaibhav in the Developer General Channel on 04/20/2023**

Okay, plus I saw multiple issues saying that ED25519 private keys are not supported you need ECDSA private keys but I got this private key from hashpack wallet itself. is there any way I can convert it into ECDSA

**398. By .0xvaibhav in the Developer General Channel on 04/20/2023**

how can I fix this

**399. By .0xvaibhav in the Developer General Channel on 04/20/2023**

but causing error in production

**400. By ohm\_pathorn in the Developer General Channel on 04/20/2023**

The error indicates that the private key is wrong. Could you show me how you create the account and how you sign it?

**401. By .0xvaibhav in the Developer General Channel on 04/20/2023**

Hey I am constantly getting this error while running my app in production, it runs fine in development

**402. By davinci783 in the Developer General Channel on 04/20/2023**

and i get this error:

```
```
```

```
CONTRACT_REVERT_EXECUTED
```
```



**403. By ohm\_pathorn in the Developer General Channel on 04/20/2023**

The error indicates that the gas limit is too low. So increasing gas limit should fix the problem.

**404. By 2tinz in the Developer General Channel on 04/19/2023**

Hello please can someone help me am stuck here(Advanced) Quest 8 - Car Borrowing DApp Capstone Project (Backend) having this error when I click on deployed all my setting both on Remix and Metamask is correct

creation of MerchantBackend errored: Returned error:

```
{ "jsonrpc": "2.0", "error": "[ethjs-query] while formatting outputs from RPC", "value": { "code": -32603, "data": { "jsonrpc": "2.0", "id": "6230616054612", "error": { "code": -32003, "name": "gasLimit too low", "message": "[Request ID: b526f924-bbbe-4cfa-a22c-54c0e3b045fc] Intrinsic gas exceeds gas limit" } } } }, "id": "8257448595398037" }
```

>

**405. By deejay0076 in the Smart Contracts Channel on 04/19/2023**

Yup - that version had issues. If you upgrade to 2.21 or later should be good.

**406. By davinci783 in the Developer General Channel on 04/19/2023**

package.json :

```
{
 "name": "smartcontracts",
 "version": "1.0.0",
 "description": "Hedera SmartContract Examples by DaVinciGraph.io",
 "main": "index.js",
 "scripts": {
 "test": "echo \\\"Error: no test specified\\\" && exit 1"
 },
 "keywords": [],
 "author": "",
 "license": "ISC",
 "dependencies": {
 "@ethersproject/abi": "^5.5.0",
 "@hashgraph/sdk": "^2.23.0",
 "dotenv": "^16.0.3",
 "axios": "^0.25.0",
 "ethers": "^6.3.0",
 "solc": "^0.8.19"
 }
}
```

**407. By davinci783 in the Developer General Channel on 04/19/2023**

part 2:

```
const contractID = process.env.CONTRACT_ID
async function main() {
```

```
console.log(`\nGetting event(s) from mirror`);
console.log(`Waiting 10s to allow transaction propagation to mirror`);
await delay(10000);

const url = `https://testnet.mirrornode.hedera.com/api/v1/contracts/${
 contractID.toString()}/results/logs?order=asc`;

axios.get(url)
 .then(function (response) {
 const logs = response.data.logs;

 logs.forEach(log => {
 // create an object to specify log parsing requirements
 let logRequest = {};
 logRequest.data = log.data;
 logRequest.topics = log.topics;
 // parse the logs
 let event = abiInterface.parseLog(logRequest);
 console.log(event);
 // output the from address and message stored in the event
 console.log(`Mirror event(s): from '${(event.args.from).toString()}' update to '$
{event.args.message}'`);
 });
 })
 .catch(function (err) {
 console.error(err);
 });
}

main();
`;
```

#### 408. By davinci783 in the Developer General Channel on 04/19/2023

part 1:

```
`
const {
 Client,
 PrivateKey,
 AccountId, Hbar,
} = require("@hashgraph/sdk");
const delay = ms => new Promise(res => setTimeout(res, ms));
const { Interface } = require("@ethersproject/abi");
const dotenv = require("dotenv");
const fs = require("fs");
const axios = require("axios");
dotenv.config();
```

```
let abi;
let abiInterface;
// Import the ABI
abi = JSON.parse(fs.readFileSync('./abi.json', 'utf8'));
// Setup an ethers.js interface using the abi
abiInterface = new Interface(abi);
```

```
const myAccountId = AccountId.fromString(process.env.MY_ACCOUNT_ID);
const myPrivateKey = PrivateKey.fromString(process.env.MY_PRIVATE_KEY);
if (!myAccountId || !myPrivateKey) {
 throw new Error("Environment variables MY_ACCOUNT_ID and MY_PRIVATE_KEY must
be present");
}
const client = Client.forTestnet();
client.setOperator(myAccountId, myPrivateKey);
client.setDefaultMaxTransactionFee(new Hbar(50));
...`
```

#### **409. By deejay0076 in the Smart Contracts Channel on 04/19/2023**

what SDK version? I had this on some old versions (like 2.18 +/-) and moved to manual create/append/deploy. hopefully, the issue is not back. if you want an example deploy script which is more painful but allows recovery i can dig mine out.

#### **410. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/18/2023**

is anyone else intermittently getting these errors when creating files, appending to them, and then instantiating/deploying contracts on the mainnet? it seems to happen intermittently - it'll succeed with a create file transaction, maybe some appends, but will fail somewhere intermittently and those real HBARS for those transactions are lost. not familiar with GRPC at all but im wondering if there's any way to check this prior to making transactions or if its something that we just have to live with with decentralized execution

```
GrpcServiceError: gRPC service failed with status: TIMEOUT
 at Timeout._onTimeout (node_modules/@hashgraph/sdk/lib/channel/
NodeChannel.cjs:110:20)
 at listOnTimeout (node:internal/timers:559:17)
 at processTimers (node:internal/timers:502:7) {
 status: GrpcStatus { _code: 17 }
}
```

#### **411. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/18/2023**

hmmm understood. is there any web page or anything where breaking changes like this are announced? perhaps it is this page <https://docs.hedera.com/hedera/networks/release-notes/services> and i just dont have a knowledge base yet to interpret some of the wording here as HTS associate via smart contract no longer works. im sure im not the only one who is confused with this issue now spending time debugging trying to get their smart contract to work when it wont no matter what (at this particular point in time)

**412. By .0xvaibhav in the Developer General Channel on 04/18/2023**

I am constantly getting this error that says setting the value of hashconnectdata exceeded the quota

**413. By ohm\_pathorn in the Developer General Channel on 04/18/2023**

Hi @JeromeTHA, thank you for flagging. Do you mind creating an issue on the repo? so the SDK team will be made aware of <https://github.com/hashgraph/hedera-sdk-rust/issues>

**414. By jeromek in the Developer General Channel on 04/18/2023**

Hey Guys hope you all doing well  
Are some of you able to currently build the rust sdk?

Getting this error since the last commit and not yet sure if thats on the radar

```
```sh
task build
task: [rust:build] cargo build --message-format=short --features=ffi
task: [rust:swift-build] rustup component add rust-src 2> /dev/null
task: [rust:swift-build] rustup target add x86_64-apple-darwin 2> /dev/null
error: none of the selected packages contains these features: ffi
task: Failed to run task "rust:build": exit status 101
task: Failed to run task "rust:build": exit status 101
```
```

**415. By davinci783 in the Developer General Channel on 04/18/2023**

i can not deploy contracts on mainnet, testnet using MetaMask and Remix  
i was able to deploy contracts on previewnet using MetaMask and Remix an hour ago  
but now i get this error:

```
```
Error deploying required libraries: Returned error:
{"jsonrpc":"2.0","error":{"[ethjs-query] while formatting outputs from RPC
'{"value":{"code":-32603,"data":{"jsonrpc":"2.0","id":"8291012743932","error":
{"code":-32003,"name":"gasLimit too low","message":"[Request ID:
635a5274-8943-40f6-b7f7-1ab3505161a7] Intrinsic gas exceeds gas
limit\"}}}\""},\"id\":\"2428569136643420\"}
```
```

**416. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/17/2023**

I'm not sure what I'm doing wrong here, but I cannot associate my token to a EOA. i have a contract that extends HTS that has the following function that associates an account with a tokenAddress (saved in a storage variable in the contract after the token is created). i have another contract that i use to call the former contract's function to associate, but when i try calling it both directly and via delegatecall or call it both gives me the same error of an invalid signature (INVALID\_FULL\_PREFIX\_SIGNATURE\_FOR\_PRECOMPILE).

i made these changes from the original logic prior to the security model updates where the EOA would try to execute a function in the former contract that called HTS.associateToken, but would fail with that invalid signature. i may be wrong about

this but i was under the impression this was because after the security changes, the contract became the signer when calling HTS.associateToken rather than the EOA, so i added another contract on top that delegatecall to the one calling HTS.associateToken. please correct me if i'm wrong on this

there's one last thing im about to try, after reading this from the security updates page: "For HTS specific token functionality (e.g. Pause, Freeze, or Grant KYC), a contract will be authorized to perform the associated token management function only if the ContractId is listed as a key on the token (i.e. Pause Key, Freeze Key, KYC Key respectively)." I'm guessing i need to set the tokenKeys property of the HederaToken when creating it based on this? however, if that doesn't work im completely and utterly lost, any help here would be much appreciated!

**417. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/17/2023**

this worked! thanks for the explanation, im quite new to smart contract dev and forgot to mark the proxy mintToken function as payable. using delegatecall worked after setting proxy.mintToken as payable

however, im now facing another problem... i have a function in the proxy contract that does HTS.associateToken. in the treasury contract, i have a function that does address(proxy).delegatecall on the proxy function that associates the token. however, now that's failing with the invalid signature error. how come this is happening - i thought with delegatecall the msg.sender and signature becomes that of the EOA which is the account that wants to associate the token. wasn't the security model update such that we have to do this now in order to call token associate via smart contract?

**418. By jaz369 in the Consensus Service Channel on 04/17/2023**

im trying to emit a message from an smart contract, and query it from the mirror node, everything go okay till i add an array field, i add string[] and uint[] and, then i get this error from frontend when decoding it, someone know if arrays not available? `erflow [ See: [https://links.ethers.org/v5-errors-NUMERIC\\_FAULT-overflow](https://links.ethers.org/v5-errors-NUMERIC_FAULT-overflow) ] (fault="overflow", operation="toNumber", value="51735755643233132633142706347078771027988322220110144861372635653483740004352", code=NUMERIC\_FAULT, version=bignumber/5.7.0)

**419. By 2tinz in the Developer General Channel on 04/17/2023**

creation of MerchantBackend errored: Returned error:  
{ "jsonrpc": "2.0", "error": "[ethjs-query] while formatting outputs from RPC", "value": { "code": -32603, "data": { "jsonrpc": "2.0", "id": "6230616054605", "error": { "code": -32003, "name": "gasLimit too low", "message": "[Request ID: a47a4112-78b8-4a95-986d-2ed48807cce3] Intrinsic gas exceeds gas limit" } } } }, "id": "1641734211635569" }

**420. By ohm\_pathorn in the Smart Contracts Channel on 04/17/2023**

Also, I believe that even though the above solution ` passing value ` will solve your problem, you will encounter another problem `INVALID\_FULL\_PREFIX\_SIGNATURE\_FOR\_PRECOMPILE` because you cannot assign the caller contract as a treasury account of the newly created token. So you better use delegate call for this so the proxy call is executed using your contract storage. Something

like

```
```.address(proxy).delegatecall(  
    abi.encodeWithSignature("mintToken(params)", params)  
);``
```

421. By davinci783 in the Developer General Channel on 04/17/2023

Hello Hedera

i Have a question

when i compile my contract file with Solc or remix and i try to deploy the contract on hedera using js sdk

i get ```contained error status ERROR_DECODING_BYTESTRING```
any idea?

422. By deejay0076 in the Developer General Channel on 04/17/2023

so, leaving aside that nobody can see the allowance if you set it for all serials, this hopefully eases the pain a little

423. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/16/2023

hi, i have a question regarding a INSUFFICIENT_TX_FEE error I'm getting it for the following cases. First some background - I have a contract that is to act as a treasury that prior to the security model updates would call HTS.createFungibleToken and set itself as the treasury. Following the updates, I moved all HTS functions calls to a "proxy" contract that extended HTS as for things such as associating token, as we now need to delegatecall from the treasury contract to the "proxy" contract so that the EOA that is associating the token has their signature propagated to the HTS call

for some reason i keep getting INSUFFICIENT_TX_FEE on Token Create in each of the following cases, despite writing the calls to send over 1000 HBAR with it. some code for reference in images (HTSPProxy is the proxy contract directly calling HTS, LDCREToken is the treasury contract):

1. Payable constructor directly calling the proxy method (i thought this would be okay without delegatecall since the contract itself is acting as the treasury so it would make sense for the transaction signer to be the treasury contract) - here i do proxy.mintToken directly from the treasury contract's constructor, and i set the CreateContractTransaction to have setInitialBalance(new HBAR(1000)) and setMaxTransactionFee(new Hbar(1000))

2. Using delegatecall and call to try calling the proxy method from the payable constructor (same as above but using delegatecall/call)

3. Having a method on the treasury contract that calls proxy.mintToken directly and with delegatecall/call (basically trying the two above but with a method separate from constructor). here i set setPayableAmount(new HBAR(1000)) and setMaxTransactionFee(new HBAR(1000)) on the ContractExecuteTransaction

i think i may be able to get around this by calling the proxy contract's mintToken from the hashgraph SDK after deploying both contracts and passing treasury contract address appropriately, but not sure why what im doing now wouldn't work


```
},
  scheduled: false,
  nonce: null
},
  contractFunctionResult: null
}
```

427. By deejay0076 in the Smart Contracts Channel on 04/15/2023

The 0x error I agree is a pain. Normally I find it when I have not passed correct arguments to the constructor on deployment or similar

428. By dbones213#5294 in the Developer General Channel on 04/14/2023

Hello everyone, I got stucked at step 13 on Quest 8... I keep getting failed transaction after editing the gas fee just as it was explained on the site...

Bellow is the error message I keep getting....

```
creation of MerchantBackend errored: Returned error: {"jsonrpc":"2.0","error":["ethjs-
query] while formatting outputs from RPC '{"value":{"code":"-32603","data":
{"jsonrpc":"2.0","id":"8674710655979","error":{"code":"-32603","name":"In
```

How can this be fixed, I seriously need help please

429. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/14/2023

hi, i had a quick question. i noticed that when calling HTS functions such as mintToken it requires you to setPayableAmount for ContractExecuteTransaction (or setInitialBalance for ContractCreateTransaction if calling the HTS function from the contract constructor). why doesn't gas cover this? is it because to use the HTS is a precompiled/system contract so the cost is already predetermined and/or Hedera just takes a bit of a fee on top for offering the service itself?

im just speculating here based on my limited knowledge, and would just like to know for my own understanding. i did notice that when copying a deployment script (that i used for a contract that minted a token in its constructor) to deploy another contract that is not payable nor calls any HTS methods that it failed with a CONTRACT_REVERT_EXECUTION and an error message of "0x" which wasn't helpful at all. once i removed the setInitialBalance it worked and it got me wondering why sending HBAR on top of the gas was necessary

430. By deejay0076 in the Developer General Channel on 04/14/2023

doubt it is a hashpack issue (we use it a lot), more how you are interacting with it.

the demo here is pretty good: <https://github.com/Hashpack/hashconnect>

431. By jaz369 in the Developer General Channel on 04/14/2023

i trying to execute a query function of a deployed smart contract and getting this, error, anyone know why that can happen>, my code is` const query = new ContractCallQuery()
 .setContractId(this.#factoryContractId)
 .setGas(100000)


```
.setFunction('getContracts')

const provider =
this.#hashconnect.getProvider(this.#network,this.#topic,this.#accountId);
const signer = this.#hashconnect.getSigner(provider);

const res = await query.executeWithSigner(signer);`
```

432. By Hustler Hajime#3723 in the Developer General Channel on 04/14/2023

I tried deploying a contract multiple times on hedera, everytime the Memo is some gibberish word like in the pic attached instead of the string I am adding in Memo. Anyone know what might be the issue?

433. By .sravankumar in the Developer General Channel on 04/14/2023

```
// SPDX-License-Identifier: GPL-3.0
pragma solidity >=0.5.0 <0.9.0;
```

```
import 'https://github.com/hashgraph/hedera-smart-contracts/blob/v0.2.0/contracts/hts-
precompile/HederaResponseCodes.sol';
import 'https://github.com/hashgraph/hedera-smart-contracts/blob/v0.2.0/contracts/hts-
precompile/IHederaTokenService.sol';
import 'https://github.com/hashgraph/hedera-smart-contracts/blob/v0.2.0/contracts/hts-
precompile/HederaTokenService.sol';
import 'https://github.com/hashgraph/hedera-smart-contracts/blob/v0.2.0/contracts/hts-
precompile/ExpiryHelper.sol';
```

The above code is getting errors

434. By RaphaelM#1144 in the Developer General Channel on 04/14/2023

So correct me if I'm wrong but you generate a new account (the EVM one) with the account of the Hedera Developer Portal ?

In this case the token need to be associated with the new account because it's a separate account.

To associate the token you can refer to this <https://docs.hedera.com/hedera/sdks-and-apis/sdks/tokens/associate-tokens-to-an-account>.

Something that I'm not sure to understand but the account you see on hashpack is 0.0.4085793 ?

435. By Uroš#9242 in the Developer General Channel on 04/14/2023

Thanks for the reply!

Perhaps I'm incorrectly understanding somethings then. I've generated the EVM account based on the Hedera account (in the Hedera Developer Portal). I see in the Hashpack wallet that the Hedera account is associated with the token. Do I have to separately associate also the EVM account with the token perhaps?

436. By davinci783 in the Developer General Channel on 04/14/2023

```
i have an input :
```int64 amount```
when i enter 100
```

everything is ok  
when i enter 1000  
i get error  
any idea?

**437. By jown\_iv in the Developer General Channel on 04/13/2023**

Sorry if this is the wrong channel. Was wondering if anyone might have some advice on how to get the Hedera Wallet Verification bot set up in my Discord. I've already added the app, but it doesn't appear that it's doing anything. Much appreciated .

**438. By ohm\_pathorn in the Developer General Channel on 04/13/2023**

Your transaction is successful but it seems the truffle has some error so it does not show the address of your contract. To get the address of your contract, you can use HashScan to take a look at your transaction here <https://hashscan.io/testnet/transactionsById/0.0.902-1681329485-343999893>. Your contract id is this <https://hashscan.io/testnet/contract/0.0.4062974> and your contract address is `0x6e808d4ca403052e2520457b24b6ed5e055a2f5f`

**439. By ajit#3368 in the Developer General Channel on 04/13/2023**

please help to resolve this issue

**440. By ajit#3368 in the Developer General Channel on 04/13/2023**

I used truffle to deploy smart contract . smart contract was deployed successfully but truffle gave exception . Now i am not sure how to fix this and interact with smart contract

**441. By jaz369 in the Smart Contracts Channel on 04/13/2023**

i am am trying to upload my smart contract bytecode to a file, i have the error `error status CONTRACT\_REVERT\_EXECUTED` with this message `super(props, `receipt for transaction ${props.transactionId.toString()} contained error status ${props.status.toString()}`, im using ContractCreateFlow() function to deploy due to FileCreateTransaction() was giving me an error TRANSACTION_OVERSIZE because the bytecode too big`

**442. By justynjj in the Smart Contracts Channel on 04/13/2023**

Just finished reading through them both side by side and this all makes sense, thanks. I was thrown off by the 'remove unsupported functions' fixes to the `hts-precompile` which weren't applied to the `safe-hts-precompile`. I realise now that the functions removed from `hts-precompile` weren't actually in the `safe-hts-precompile` so didn't need removing.

**443. By ohm\_pathorn in the Smart Contracts Channel on 04/13/2023**

You can use hts-precompile if you can handle the error correctly. If you don't handle it correctly, your transaction might have the success status while the precompile transaction fails. Same suggestion with @bugbytes, please read and understand the safe-hts-precompile and you should be good to go.

**444. By SaiKrishna#5013 in the Javascript Channel on 04/13/2023**

Hi, I am using hashgraph javascript sdk(2.24.0) to connect to hedera. I have set the operator on my client and set mirror node like this  
`client.setMirrorNetwork("mainnet-public.mirrornode.hedera.com:443");`

I am trying to query a transactionreceipt this way  
const txReceipt = await new TransactionReceiptQuery()  
    .setTransactionId("0.0.1754196@1681357093.367578544")  
    .execute(client);

But, I get the following error  
Error: max attempts of 10 was reached for request with last error being:  
RECEIPT\_NOT\_FOUND

Does the mirror node work on hashgraph sdk ?

**445. By ohm\_pathorn in the Developer General Channel on 04/13/2023**

Sure what error did you get? Are you using HashConnect?

**446. By davinci783 in the Developer General Channel on 04/13/2023**

i tested yesterday's contract and everything is ok  
i can associate, deposit, and withdraw  
but i deployed yesterday's contract again and i get weird errors like  
INVALID\_SOLIDITY\_ADDRESS  
or CONTRACT\_REVERT\_EXECUTED  
everything is the same

**447. By ohm\_pathorn in the Developer General Channel on 04/13/2023**

Nice, yes the JSON RPC relay is overloaded right now and sometimes you might get unexpected errors.

**448. By davinci783 in the Developer General Channel on 04/13/2023**

Yesterday i was associateToken several times with this function:

```
```\n//Create the transaction to update the contract message\nconst setContract = await new ContractExecuteTransaction()\n//Set the ID of the contract\n.setContractId(process.env.CONTRACT_ID)\n//Set the gas for the contract call\n.setGas(1_000_000)\n//Set the contract function to call\n.setFunction("associateToken",\n  new ContractFunctionParameters()\n.addAddress(TokenId.fromString(process.env.TOKEN_ID).toSolidityAddress())\n);\nconsole.log(TokenId.fromString(process.env.TOKEN_ID).toSolidityAddress());\nconst tokenAssociateTx = await setContract.execute(client);\nconst tokenAssociateRx = await tokenAssociateTx.getReceipt(client);\nconst tokenAssociateStatus = tokenAssociateRx.status;\nconsole.log("transaction status: " + tokenAssociateStatus.toString());\n```\n
```

today i get ``INVALID_SOLIDITY_ADDRESS`` errors

Yesterday i Deployed some contract to the testnet using Remix and Metamask today i get this error `` creation of HederaResponseCodes errored: Returned error: {"jsonrpc":"2.0","error":"[ethjs-query] while formatting outputs from RPC '{"value\":"code\":"-32603,\"data\":"{"jsonrpc\":"2.0\", \"id\":"5901594405644,\"error\":"{"code\":"-32603,\"name\":"Internal error\", \"message\":"[Request ID: 8c4c7011-9e34-463f-8e73-26699165a9be] Unknown error invoking RPC\\\"}}','\", \"id\":"3167223791328184}\" ``

449. By davinci783 in the Developer General Channel on 04/13/2023

no idea about this
i am trying to deploy a new contract to testnet using jsonrpc
but i get errors
yesterday everything was ok
but today everything is error

450. By .0xvaibhav in the Developer General Channel on 04/13/2023

Instead of client I am using a local wallet that provides a signer and this is causing some error

451. By psychoter in the Developer General Channel on 04/12/2023

Hey guys. I am working with Signer. I tried signing and executing transactions and they work fine. But I cannot get the transaction receipt with Signer, not even its possible error, the only thing that I get is a response object containing id hash and node on success and undefined on failure. Can anyone help me with that?

452. By donravle in the Smart Contracts Channel on 04/12/2023

Deejay thank you very much for your help and for being one of those hbarbarians that carries developers community to the next levels! I replaced account association from HSC to HTS and later on in the project I had to give allowance to my contract using HTS SDK also and now everything works fine.

Funny thing I'll like to mention is that I was struggling with giving allowance to my smart contract because I was getting the INVALID_ALLOWANCE_SPENDER_ID error. Later on I figure that contract's AccountId should be passed as a string to the `AccountAllowanceApproveTransaction().approveTokenAllowance` function and then everything works fine. It's strange that I had to do that since official documentation says one can pass spender's AccountId to approveTokenAllowance function (<https://docs.hedera.com/hedera/sdks-and-apis/sdks/cryptocurrency/approve-an-allowance>). Don't know if it's a bug in the Javascript SDK or I didn't do something right but I guess it's worth mentioning.

453. By asheoro in the Smart Contracts Channel on 04/12/2023

thank you for bringing attention to this and if you don't mind, please make a comment on the issue I opened against it. <https://github.com/hashgraph/hedera-mirror-node/issues/4346>

454. By davinci783 in the Developer General Channel on 04/12/2023

now i am trying to deposit the token with this code
``

```
const setContract = await new ContractExecuteTransaction()
```

```
.setContractId("0.0.4055806")
.setGas(100_000_00)
.setFunction(
  "depositToken",
  new ContractFunctionParameters()
    .addAddress(TokenId.fromString("0.0.3926066").toSolidityAddress())
    .addInt64(1)
)
const tokenTransferTx = await setContract.execute(client);
const tokenTransferRx = await tokenTransferTx.getReceipt(client);
const tokenTransferStatus = tokenTransferRx.status;
console.log("Transaction status: " + tokenTransferStatus.toString());
````
```

and i get This error:

```
CONTRACT_REVERT_EXECUTED
SPENDER_DOES_NOT_HAVE_ALLOWANCE
https://hashscan.io/testnet/transaction/1681296255.981618003
https://hashscan.io/testnet/transaction/1681296255.981618004
```

**455. By davinci783 in the Developer General Channel on 04/12/2023**

but every time i try to upload and deploy the contract i get this error:

```
```ReceiptStatusError: receipt for transaction 0.0.3184799@1681279993.55757894
contained error status ERROR_DECODING_BYTESTRING ```
```

456. By donravle in the Smart Contracts Channel on 04/11/2023

Hi @MichaelK! How did you solve this error? I have a similar situation like you just that I know the problem is when I'm trying to associate account via smart contract. Can you share the solution to your problem?

Edit: typo

457. By hemant4832 in the Smart Contracts Channel on 04/11/2023

I do have sufficient token balance but it is giving error

458. By hemant4832 in the Smart Contracts Channel on 04/11/2023

Hi Everyone i am trying to do a fungible token transfer using hederaTokenService inside the contract but i am getting error SPENDER_DOES_NOT_HAVE_ALLOWANCE
How does allowance comes into picture. Its a normal transfer and not a transferFrom
<https://hashscan.io/testnet/transaction/1681213094.238224118>

459. By RaphaelM#1144 in the Developer General Channel on 04/11/2023

Hey @davinci ! It's seems that the error is coming from an allowance problem (<https://hashscan.io/testnet/transaction/1681192968.490903004>), with the new security update, the precompile call is authorized with only SC privilege but not user privilege.
So if you want to use a SC to move token from an user account you need to give allowance to this contract to do so.

460. By mbswirldslabs in the Developer General Channel on 04/11/2023

The error messages or lack of detail make it impossible to tell you whats wrong.

461. By mbswirldslabs in the Developer General Channel on 04/11/2023

do you see any hedera error messages come back from the call?

462. By mbswirldslabs in the Developer General Channel on 04/11/2023

so which line causes the error?

463. By davinci783 in the Developer General Channel on 04/11/2023

i get this error every time :

```
...  
CONTRACT_REVERT_EXECUTED  
...
```

464. By davinci783 in the Developer General Channel on 04/11/2023

i called function number 1 with this method and it is working:

```
//Create the transaction to update the contract message  
const setContract = await new ContractExecuteTransaction()  
//Set the ID of the contract  
.setContractId("0.0.xxxxxxx")  
//Set the gas for the contract call  
.setGas(1000000)  
//Set the contract function to call  
.setFunction("associateToken",  
  new ContractFunctionParameters()  
    .addAddress(TokenId.fromString("0.0.xxxxxxx").toSolidityAddress())  
  );  
const tokenAssociateTx = await setContract.execute(client);  
const tokenAssociateRx = await tokenAssociateTx.getReceipt(client);  
const tokenAssociateStatus = tokenAssociateRx.status;  
  
console.log("Token associate transaction status: " + tokenAssociateStatus.toString());  
i am trying to deposit associated token to the contract with this method:  
// Create the transaction to update the contract message  
const setContract = await new ContractExecuteTransaction()  
// Set the ID of the contract  
.setContractId("0.0.xxxxxxx")  
// Set the gas for the contract call  
.setGas(100_000_00)  
// Set the contract function to call  
.setFunction(  
  "getDepositedAmount",  
  new ContractFunctionParameters()  
    .addAddress(TokenId.fromString("0.0.xxxxxxx").toSolidityAddress())  
    .addInt64(1_000_000)  
)  
const tokenTransferTx = await setContract.execute(client);  
const tokenTransferRx = await tokenTransferTx.getReceipt(client);  
const tokenTransferStatus = tokenTransferRx.status;
```

console.log("Token transfer transaction status: " + tokenTransferStatus.toString());
but every time i get this error:
CONTRACT_REVERT_EXECUTED
any idea how i can fix this?

465. By deejay0076 in the Developer General Channel on 04/09/2023

max supply. if you mint a fungible token and do not specify the supply key then initial supply == fixed supply (even if the max supply specified is larger - as you need the supply key to mint more). For an NFT The initial supply is always 0, so without a supply key there will never be and NFT serials on the token.

466. By alapanx in the Developer General Channel on 04/09/2023

Does the term "fixed supply" in Hedera refer to the initial supply or the maximum supply?

467. By cryptoroshan in the Developer General Channel on 04/07/2023

Hello Hedera team!
Please help me
What is this error?

```
GrpcServiceError: gRPC service failed with status: TIMEOUT
[0]   at Timeout._onTimeout (.../node_modules/@hashgraph/sdk/src/channel/
NodeChannel.js:99:30)
[0]   at listOnTimeout (node:internal/timers:557:17)
[0]   at processTimers (node:internal/timers:500:7) {
[0] status: GrpcStatus { _code: 17 }
[0] }
```

468. By deebeeayy in the Developer General Channel on 04/07/2023

Hello ,I'd like to get some help. I've been trying to run a smart contract to a local hedera node, using hedera repo (<https://github.com/hashgraph/hedera-local-node>). I can issue transactions, create topics, explore everything with explorers and so on, except uploading and running contracts. I know the smart contract is working due to early runs on hedera testnet, but somehow, when using CreateTransactionFlow(), which successfully runs and executing it, it just remains stuck and doesn't do nothing. With ContractCreateTransaction, it uploads but gives an INVALID_SOLIDITY_ADDRESS. Already downgraded solidity compiler but nothing seems to work. Am I missing something? (Using typescript hashgraph sdk, if relevant)

469. By tahlil in the Developer General Channel on 04/07/2023

Sorry pasted the wrong code, now updated

470. By ohm_pathorn in the Developer General Channel on 04/07/2023

It seems your Js code called addProduct not approveProduct but I think the error is caused by ecrecover that does not work with ED25519 account

471. By tahlil in the Developer General Channel on 04/07/2023

What does this error means when I am trying call a smart contract function:

472. By 0.0.Kyn#2973 in the Smart Contracts Channel on 04/07/2023

Hey @Pathorn

I agree 100% with what @Deejay said about the painful friction these recent changes added.

In our case, we are working to release a staking platform (we have to re-think and redesign it now) where every user is asked to stake a pair of 2 NFTs each time. With these changes, it is now a minimum of 5 signed transactions (2 associations + 2 approve + contract call), you can imagine how poor the user experience is becoming now. I understand the need for security and updates on the platform, but I have to say that even if we make changes on our end, it will still result in a degraded user experience, which is not ideal for any platform.

473. By ohm_pathorn in the Smart Contracts Channel on 04/07/2023

It depends on which precompile function caused this error. If you are trying to transfer tokens out of an EOA, the user needs to explicitly approve the allowance. All the release note about new security model change is in this link <https://docs.hedera.com/hedera/networks/release-notes/services>

474. By krisnamic in the Smart Contracts Channel on 04/07/2023

I see, can I know what I have to do to fix this

`INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE` problem tho??

475. By krisnamic in the Smart Contracts Channel on 04/07/2023

Hi @Pathorn, wanna ask is the testnet now on v 0.35.2? Because I tried my old project with current testnet and get `INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE` error message too when it worked just fine before, tia!

476. By ohm_pathorn in the Smart Contracts Channel on 04/06/2023

I agree and understand the pain. Security is always the biggest enemy of usability and convenience. I am trying to give feedback from the community back to the team. Let's hope we find a way to make it easier for developers.

477. By ohm_pathorn in the Developer General Channel on 04/06/2023

INVALID SIGNATURE indicates that you sign the transaction with a wrong private key.

478. By .transformer56 in the Developer General Channel on 04/06/2023

Thank you for your previous responses. This is my new account id *0.0.2136167* for a normal account. I am still getting this error. Could you kindly check if my account is correct or not.

[https://hashscan.io/mainnet/account/0.0.2136167?](https://hashscan.io/mainnet/account/0.0.2136167?app=false&p2=1&ph=1&pt=1&p1=1&k1=1680768012.004251901)

[app=false&p2=1&ph=1&pt=1&p1=1&k1=1680768012.004251901](https://hashscan.io/mainnet/account/0.0.2136167?app=false&p2=1&ph=1&pt=1&p1=1&k1=1680768012.004251901)

479. By deejay0076 in the Smart Contracts Channel on 04/05/2023

sorry - I agree. I found a missing revert (checks the balance of the FT but did not check the success/failure of the actual transfer & had enough to honor the burn anyway).

So in summary, inside the signed execution, we can no longer:

- associate a token to a users account

- transfer FTs from the user
- transfer NFT from the user
- [edit to add]
- creating FTs with fees no longer seems possible [given collector accounts have to sign and that linkage appears to have been broken]

anything else?

It's going to add some painful friction but will get on with the redesign once confirmed.

it's a minimum of 4 signed tx to use our staking framework now (associate, approve all, approve FT, execute contract). I get the security connotations in theory, even if in practice users will moan, sign away too many permission **and likely leave themselves with exposure to the contract longer**

480. By deejay0076 in the Smart Contracts Channel on 04/05/2023

Also, something that feels like a quirk/bug QOL issue in the JS SDK, when I call `.approveTokenNftAllowanceAllSerials()` with the spender as a `ContractId` it fails, but if I create an `AccountId.fromSolidityAddress(contractId.toSolidityAddress())` then it is fine. I have noticed this in certain calls a few times. Not exactly the end of the world but unsure it is intentional. If it is then might be worth flagging in the docs...he says hoping he did not miss an update

481. By deejay0076 in the Smart Contracts Channel on 04/05/2023

Thanks - agreed & understood on the error.

EOA - signs the interaction with the contract so is `msg.sender` - owns the NFT & FT.

Contract is **able** to transfer FT from EOA to contract **without allowance**

Contract is **unable** to transfer NFT from EOA (no allowance in place) .

Why the inconsistency? Or perhaps is this inconsistency intentional?

482. By i.r.o.n in the Developer General Channel on 04/04/2023

Hi, I have some issues with Arkhia's JSON-RPC that I don't observe with hashio's one. Who can I get in touch with regarding the issues?

483. By ohm_pathorn in the Smart Contracts Channel on 04/04/2023

Hi Deejay, sorry to hear that you have a problem with 0.36. Please help me understand the situation a bit. Who owns the NFT in your case, smart contract or EOA? The error indicates that the smart contract is trying to move NFTs out of EOA wallet without allowance.

484. By deejay0076 in the Smart Contracts Channel on 04/04/2023

I see from the 0.36 release notes this is now in testnet.

"An EOA (externally owned account) will have to provide explicit approval/allowance to a contract if they want the contract to transfer value from their account balance."

"The transferToken and transferNFT APIs will behave as transfer in ERC20/721 if the caller owns the value being transferred, otherwise it will rely on approve spender allowances from the token owner."

Can I check my priors, please?

The EOA providing explicit approval seems to be inconsistent. Calling a contract and signing appears fine for FT movements (no explicit approvals) but not fine for NFT movements.

We make use of cryptoTransfer(TokenTransferList[] memory tokenTransfers) (**the older v2 signature given v3 is not implemented**) to handle NFT staking via Smart Contracts -- **this appears to be a breaking change -- SPENDER_DOES_NOT_HAVE_ALLOWANCE**. I tried removing royalties - this method was used to accommodate NFTs with fallback fees - and switching to **transferNFTs** and I still get the same error.

Was it intended to break this behaviour?

As above, other similar transactions like transferring FT from msg.sender to the contract (using transferToken()) are still working fine, leaving the FT vs NFT behaviour inconsistent. I know in Eth land we have a two step approval process borne out of necessity not usability - hopefully it was not an attempt to mimic that (potentially 3 step on Hedera, associate, approve, interact...granted I try to make it as seamless as possible and associate inside the contract call but wanted to illustrate the point).

[*sidenote*: That grandfathering is only 3 months is not ideal as our deployments are (deliberately) immutable.]

485. By deejay0076 in the Token Service Channel on 04/04/2023

it does some work...v2 out soon once I solve the pain of max contract sizing.

486. By ohm_pathorn in the Smart Contracts Channel on 04/03/2023

The mainnet is currently running a higher software version (0.35.2) than the testnet (0.35.1). There is a significant change to the security model of 0.35.2 in that it does not authorize the precompile call with top-level caller signatures anymore. I am raising the issue to the engineering team and discussing the solution to this issue.

487. By ohm_pathorn in the Developer General Channel on 04/03/2023

Hi, it looks like you are sending the token to a wrong solidity address. Your account is 0.0.3737837 so the correct EVM address is `0xd17b97e51d930ec37e86fa49d0cfa9f2ef34f2c0`. <https://testnet.mirrornode.hedera.com/api/v1/accounts/0.0.3737837>

Are you using our Javascript SDK `toSolidityAddress` ? If so, it might not be the right function to find the EVM address of a particular account.

488. By tonydao3923 in the Developer General Channel on 04/03/2023

Hi! Im got the error "INVALID_ALIAS_KEY" when transfer NFT by call function with HTS, anyone can help pls.

489. By .transformer56 in the Developer General Channel on 04/03/2023

Hi! I am facing an issue with *ecrecover* on mainnet which does not show up in testnet.

I have a function that validates a signature using ecrecover in my smart contract. The validation works perfectly fine on testnet but not on mainnet. I have verified all the arguments as well as my account type (in case that may be an issue). No matter what the signature is, when ecrecover is called, I get the error *INVALID_SIGNATURE*. Any help would be greatly appreciated. I am stuck on this specific issue for a few weeks now (after update)

490. By .cryptorush in the Javascript Channel on 04/02/2023

I get the error all the time.

491. By ohm_pathorn in the Smart Contracts Channel on 04/02/2023

The error suggests that the precompiled contract reverts due to a lack of the necessary signatures. Could you please share the code snippet from your Solidity file where the precompiled contract is called?

492. By bugbytes in the Smart Contracts Channel on 04/02/2023

(I know its not terribly helpful, but I just ran our integration test suite on *testnet* and saw no regressions with our contract, it does create a token with fees inside of the contract ... this *could* be manifested by the SDK itself, it might be inadvertently trimming your "public key prefix" on signatures, but assuming you're using one of the "official" sdks, I've no idea how to check to see if that is the issue)

493. By felixthewhale in the Smart Contracts Channel on 04/02/2023

I'm giving up on it for now. The contract on testnet with exactly the same bytecode as on mainnet. It works on testnet, not on mainnet - INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE when creating a fungible token with fees. If anyone wants to reproduce and report to Gitlab, feel free to DM me.

494. By deejay0076 in the Smart Contracts Channel on 04/02/2023

what's the error exactly? snippets here and there do not help me try and answer. Your question is missing a lot of context, are you using ethers/web3/hethers etc.

There are oceans of articles out there on how to structure tests. If you have a specific challenge on getting them to work on Hedera, and if you provide more complete information, then I will try and help as/when I have time. Similarly, if you make the effort to read the code I have provided then you should be able to get it running (may not be your preferred way of course but I have offered you a working example).

495. By chandraprakash_ in the Smart Contracts Channel on 04/02/2023

Error on checking the emitted event

496. By chandraprakash_ in the Smart Contracts Channel on 04/02/2023

I don't how to wright the test case for the function, I have tried to do it but getting the error

```
...  
function testPlaceBet() public {  
    uint256 diceNumber = 1;  
    uint256 betAmount = 1000;  
    uint256 payoutAmount = (betAmount * 1934) / 10000;  
  
    // Approve transfer of tokens to contract  
    IERC20(tokenAddress).approve(address(this), payoutAmount);  
  
    // Place the bet  
    diceGame.placeBet(diceNumber, payoutAmount);  
  
    // Assert that the payout was sent correctly  
    uint256 expectedPayout = (payoutAmount * (10000 - CASINO_CUT_PERCENT)) /  
        10000;  
    Assert.equal(  
        address(this).balance,  
        expectedPayout,  
        "Incorrect payout amount sent"  
    );  
  
    // Assert that the casino received their cut  
    uint256 expectedCasinoCut = (payoutAmount * CASINO_CUT_PERCENT) / 10000;  
    Assert.equal(  
        address(casino).balance,  
        expectedCasinoCut,  
        "Casino did not receive their cut"  
    );  
  
    // Assert that the event was emitted correctly  
    (  
        address player,  
        uint256 actualBetAmount,  
        uint256 actualDiceNumber,  
        uint256 actualPayoutAmount  
    ) = diceGame.BetPlaced();  
    Assert.equal(  
        player,  
        msg.sender,  
        "Incorrect player address emitted in event"  
    );  
    Assert.equal(  
        actualBetAmount,  
        betAmount,  
        "Incorrect bet amount emitted in event"
```

I have written a SC wrapper for FTs that can handle fees plus the scripts to handle multisig signing to deal with this issue.

if you are creating a FT with custom fees each of the accounts receiving custom fees must sign the transaction (the error you get is consistent with missing one or more signatures...not intuitive to me either)

Yeah but that's true. I think cryptozombie doesn't actually check execute what you have written they just check with regex. I might be wrong about that information but running tests on written code vs checking it with regex would make significant difference in teaching concepts to learners. Any thoughts?

I'm curious if there was any change in the contract behaviour today, because yesterday I successfully called the `HederaTokenService.createFungibleTokenWithCustomFees()` function and today I get an `INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE` error with the same source code. At the same time on the testnet everything works

It should work. Does the error occur all the time? JSON RPC relay is still in BETA and has a global rate limit. When it gets busy, a timeout error can be expected.

ANd here is javascript code to call mint NFT, but I got the error "Invalid signature"

I have ended up just putting the call in a try/ctach block and incrementing an error count in the catch. Then I validate the number of errors that occurred. Not quite as pure as what you are trying to do but it was my attempt at being pragmatic.

I think this works, preparing the key array upfront then using new KeyList(array,

threshold) Otherwise i get error `TypeError: keyList.add is not a function`

```
```.js

function createKeyFromJson(keyJson) {
 //import json key
 //SDK 2.19.2

 if (keyJson.ed25519) {
 return PublicKey.fromString(keyJson.ed25519)
 } else if (keyJson.thresholdKey) {
 const threshold = keyJson.thresholdKey.threshold
 const keysJson = keyJson.thresholdKey.keys

 const arrKeyList = []
 for (const keyItem of keysJson) {
 arrKeyList.push(createKeyFromJson(keyItem))
 }

 return new KeyList(arrKeyList, threshold)
 }

 throw new Error("Invalid JSON key format")
}
...`
```

#### **505. By Michael Garber#5033 in the Javascript Channel on 03/30/2023**

Something like this?

```
```.js

const { PrivateKey, KeyList, ThresholdKey } = require("@hashgraph/sdk");

function createKeyFromJson(keyJson) {
  if (keyJson.ed25519) {
    return PrivateKey.fromString(keyJson.ed25519);
  } else if (keyJson.thresholdKey) {
    const threshold = keyJson.thresholdKey.threshold;
    const keysJson = keyJson.thresholdKey.keys;
    const keyList = new KeyList();

    for (const keyItem of keysJson) {
      keyList.add(createKeyFromJson(keyItem));
    }

    return new ThresholdKey(threshold, keyList);
  }

  throw new Error("Invalid JSON key format");
}
...`
```

506. By Michael Garber#5033 in the Developer General Channel on 03/29/2023

What error are you seeing? I know all of hip-583 hasn't made it to mainnet yet and that could be the issue

507. By rhysied in the Javascript Channel on 03/29/2023

Re: the issue of mirror nodes, I did mention before in one of the MVP chats that it might be worth talking to services like blockdaemon et al that provide essentially nodes as a service, particularly if they could provide direct PGSQL access to mirror data for more complex queries.

I don't think anyone followed up with it at the time but could be worth another look

508. By kishan_vaghela in the Smart Contracts Channel on 03/29/2023

Hello there,

We are from SupraOracles(<https://supraoracles.com/>) and doing some testing in your network but unfortunately facing issue in it is there any one who can help us with this. Basically I am facing problem in deployment of smart contract I have tried with remix IDE as well as with Hardhat with various options of Gas limit from 3M to 15M still it gives error of "Intrinsic gas exceeds gas limit".

Can anyone please help me on this

Thanks in advance!

509. By ohm_pathorn in the Developer General Channel on 03/28/2023

You can open a request on the mirror node repo here <https://github.com/hashgraph/hedera-mirror-node/issues>

510. By .cryptorush in the Developer General Channel on 03/28/2023

What is this error when using Hashio's JSON RPC relay?

```HeadersTimeoutError: Headers Timeout Error```

**511. By hemant4832 in the Smart Contracts Channel on 03/28/2023**

i see this error FUNGIBLE\_TOKEN\_APPROVAL\_FAIL when i try to use delegateApprove method

**512. By Michael Garber#5033 in the Smart Contracts Channel on 03/28/2023**

Hello! May I see a code snippet and the error you are seeing?

**513. By supremax67 in the Javascript Channel on 03/28/2023**

@Fenrir ChatGPT is convenient for speed but it is no AI by any means. Mostly a glorified search engine spitting out results based on what it is trending. Sadly, it can't tell if it is wrong. Even sadder, it uses what is trending as factual, even if it is not.

**514. By fenrir666999 in the Javascript Channel on 03/27/2023**

```
const {
 Client,
 AccountId,
 PrivateKey,
 Hbar,
 PaymentRequest,
 PaymentRequestKind,
```

```
} = require("@hashgraph/sdk");
const client = Client.forMainnet();
const operatorId = AccountId.fromString(process.env.OPERATOR_ID);
const operatorKey = PrivateKey.fromString(process.env.OPERATOR_KEY);

async function sendPaymentRequest(recipientAddress, amount) {
 try {
 // Check if recipientAddress is defined
 if (!recipientAddress) {
 throw new Error("Recipient address is undefined");
 }

 // Set up the recipient account ID
 const recipientAccountId = AccountId.fromString(recipientAddress);

 // Create a payment request with the specified recipient and amount
 const paymentRequest = new PaymentRequest()
 .addTransfer(operatorId, recipientAccountId, Hbar.fromTinybars(amount))
 .setKind(PaymentRequestKind.EXACT_PAYMENT);

 // Sign the payment request with the operator's private key
 paymentRequest.sign(operatorKey);

 // Print the payment request string to the console
 console.log("Payment request: ", paymentRequest.toString());
 } catch (error) {
 console.error(error);
 }
}

sendPaymentRequest("0.0.419514", 1000000);
```

**515. By Rishav#4313 in the Smart Contracts Channel on 03/27/2023**

Okay @Pathorn, no issues.

Thank you for your help so far. Have a great day my friend ::)

**516. By Rishav#4313 in the Smart Contracts Channel on 03/27/2023**

Yes, they have provide 4 different methods and we are using the JSON RPC one which will be called by the Provable oracle.

Also found out about the documentation to do the same on Chainlink. Will try that and let you know if I face any issue. I'll surely provide the errors after I test out the Chainlink ones.

What are your views about Chainlink, have you worked with Chainlink Oracles before?

**517. By Michael Garber#5033 in the Smart Contracts Channel on 03/27/2023**

I am sorry to hear that. Could you post whatever error you are seeing so I can help to further debug?



**518. By ohm\_pathorn in the Smart Contracts Channel on 03/27/2023**

Ah I see what you mean. Are you deploying Provable using JSON RPC relay? I never use Provable before but our JSON RPC relay should be able to support it. Sharing the actual error will be very helpful for investigation.

**519. By Rishav#4313 in the Smart Contracts Channel on 03/27/2023**

Hey @Pathorn,

I know we can't directly call API's from a smart contract. I already mentioned it in my question that we are willing to explore Oracles for that.

My doubt is that, is it possible to do that with a contract deployed on Hedera and which oracle provider will you suggest?

I used Provable with a contract deployed on Sepolia and it worked but when tried to do the same on Hedera. It's giving different types of errors every time. Like " HBAR Rate limit exceeded"

**520. By ohm\_pathorn in the Developer General Channel on 03/27/2023**

On Hashpack, they just have DER encoding prefixed. They are actually the same. You can see that the raw public key from the API is a subset of the one on Hashpack

**521. By pocos in the Developer General Channel on 03/27/2023**

Why is the public key represented differently in Hashpack from the public key listed on my account via the APIs? I noticed both the private and public keys are prefixed with the same few bytes as well. Are both keys 32 bytes (vs 44 represented in hashpack?)

**522. By ohm\_pathorn in the Smart Contracts Channel on 03/26/2023**

No, it's not possible for the smart contract to issue a request. You will need an oracle like Chainlink to feed the external data to the smart contract.

**523. By akihiko7777 in the Developer General Channel on 03/25/2023**

The work-around I did is I wrapped the token associate function with try catch just to bypass the TOKEN\_ALREADY\_ASSOCIATED error but I'm looking for the right way to deal with it. Any help would be much appreciated

**524. By orbis86 in the Developer General Channel on 03/25/2023**

Ok I got the issue. I had to call the setMaxTransactionFee(new Hbar(2)) method and it seems like it cost me a little above 30 HBAR. Can someone please update the documentation to add this method call?

**525. By orbis86 in the Developer General Channel on 03/25/2023**

ERROR Received (I see a record for exchange rate - 30000 hbar, does it mean this needs 30000 hbar?)

```
`ReceiptStatusError: receipt for transaction 0.0.3918656@1679734971.52001945 contained
error status INSUFFICIENT_TX_FEE
 at new ReceiptStatusError (f:\8ty6\OneDrive - I8N Tech
LLC\Development\Orbis86\HBAR JS
Mints\node_modules\@hashgraph\sdk\lib\ReceiptStatusError.cjs:43:5)
 at TransactionReceiptQuery._mapStatusError (f:\8ty6\OneDrive - I8N Tech
```

```
LLC\Development\Orbis86\HBAR JS
Mints\node_modules\@hashgraph\sdk\lib\transaction\TransactionReceiptQuery.cjs:273:1
2)
 at TransactionReceiptQuery.execute (f:\8ty6\OneDrive - I8N Tech
LLC\Development\Orbis86\HBAR JS
Mints\node_modules\@hashgraph\sdk\lib\Executable.cjs:644:22)
 at process.processTicksAndRejections (node:internal/process/task_queues:95:5)
 at async TransactionResponse.getReceipt (f:\8ty6\OneDrive - I8N Tech
LLC\Development\Orbis86\HBAR JS
Mints\node_modules\@hashgraph\sdk\lib\transaction\TransactionResponse.cjs:88:21)
 at async main (f:\8ty6\OneDrive - I8N Tech LLC\Development\Orbis86\HBAR JS
Mints\src\MintNFTs.js:83:20) {
 status: Status { _code: 9 },
 transactionId: TransactionId {
 accountId: AccountId {
 shard: Long { low: 0, high: 0, unsigned: false },
 realm: Long { low: 0, high: 0, unsigned: false },
 num: Long { low: 3918656, high: 0, unsigned: false },
 aliasKey: null,
 evmAddress: null,
 _checksum: null
 },
 validStart: Timestamp {
 seconds: Long { low: 1679734971, high: 0, unsigned: false },
 nanos: Long { low: 52001945, high: 0, unsigned: false }
 },
 scheduled: false,
 nonce: null
 },
 transactionReceipt: TransactionReceipt {
 status: Status { _code: 9 },
 accountId: null,
 fileId: null,
 contractId: null,
 topicId: null,
 tokenId: null,
 scheduleId: null,
 exchangeRate: ExchangeRate {
 hbars: 30000,
 cents: 178793,
 expirationTime: 2023-03-25T10:00:00.000Z,
 exchangeRateInCents: 5.959766666666667
 },
 topicSequenceNumber: Long { low: 0, high: 0, unsigned: false },
 topicRunningHash: Uint8Array(0) [],
 totalSupply: Long { low: 0, high: 0, unsigned: false },
 scheduledTransactionId: null,
 serials: [],
 duplicates: [],
```

```
children: []
}
}
```

**526. By orbis86 in the Developer General Channel on 03/25/2023**

Hello. I tried the token mint code from Hedera docs but I am getting an error of Insufficient TX Fees when trying it out on testnet. Anyone knows what might be the reason? Created this account via the testnet portal and have 9965 HBAR in that.

**527. By nodestream#3957 in the Javascript Channel on 03/24/2023**

Ok so I found the problem. And as expected - user error! But I made a somewhat subtle mistake to do with the distinction between TopicId and AccountId, which I sort of thought of as being interchangeable. Well \_they're not\_! I should have just passed a `string` into the `setTopicId` function instead of trying to be clever.

**528. By ohm\_pathorn in the Developer General Channel on 03/24/2023**

The error indicates that you don't pay enough TX fee. This might be caused by the fact that the transaction hit the fee limit. Please try increasing the transaction fee limit by calling `setMaxTransactionFee(new Hbar(10))`

**529. By nodestream#3957 in the Javascript Channel on 03/24/2023**

I've got an issue with generating a `TopicMessageSubmitTransaction` in the browser using the JS SDK.

**530. By algostudent in the Developer General Channel on 03/24/2023**

Hi, I am working on scheduled transaction for NFT trade. I created scheduled transaction, submitted, then pulled it back using scheduled id, all good till here, and then created sign transaction (and signed it) and submitted. all good, I received success. So, at this time I was assuming its success. when I checked, it was giving error as "INSUFFICIENT\_TX\_FEE" for crypto transfer. My schedule Id is 0.0.3917356. Can you pls help, what I am missing here. Thanks in advance for help.

**531. By .cryptorush in the Javascript Channel on 03/24/2023**

If I use `client.setOperator(operatorId, privateKey)` with ECDSA account and its private key, I get `INVALID\_SIGNATURE` precheck status error. Does anyone know how to solve this problem?

**532. By .cryptorush in the Javascript Channel on 03/23/2023**

I have another question.

I get HBAR Rate limit errors for some cases, and I want to know the main reason of that error. I feel like it's completely random, because I get that error at different function calls every time I run the script

**533. By .cryptorush in the Javascript Channel on 03/23/2023**

@Michael B | Swirldslabs, actually there's nothing wrong. It was another write function call which was failing.

**534. By mbswirldslabs in the Javascript Channel on 03/22/2023**

are your calls pure views or interfacing with state? I am not sure but it makes me think there is an issue with executing the call that might be modifying state and you possibly

need to pay for this? I know this isn't how it currently works but someone who knows more about the calling of functions into the Smart Contract Service might be able to shed light on it.

**535. By .cryptorush in the Javascript Channel on 03/22/2023**

This is the error detail, and how I call it.

**536. By .cryptorush in the Javascript Channel on 03/22/2023**

@Michael B | Swirldslabs I have another problem. I'm getting error while running read function calls. Read function without any params in it succeeds, like ``poolLength()``, but if there is any input like ``poolInfo(uint256 poolId)`` and I call ``poolInfo(1)`` it fails.

**537. By bugbytes in the Smart Contracts Channel on 03/22/2023**

21 is UNKNOWN error, either the abi.call itself failed (before the logic inside the precompile was executed) or the network failed for some unknown reason.

**538. By loafeur in the Developer General Channel on 03/21/2023**

gives me the same error, meaning that there is a problem with signer maybe?

**539. By loafeur in the Developer General Channel on 03/21/2023**

I get the same error

**540. By teacoat in the Developer General Channel on 03/21/2023**

i think that error would make sense if you are signing it with multiple keys, try with just one

**541. By ohm\_pathorn in the Developer General Channel on 03/21/2023**

The error indicates that the transaction has the wrong signature. Can you remove line 89?

**542. By mbswirldslabs in the Javascript Channel on 03/20/2023**

yes I'm using ethers/hre here too and I get a similar issue

**543. By .cryptorush in the Javascript Channel on 03/20/2023**

That's interesting. I'm pretty sure there is nothing wrong with the contract. I was originally using hethers to deploy this proxy contract, and it was working if I give 20 HBARS. So, should be something to deal with contract deployment using ethers in case of passing value. I was just guessing that the value was not passed properly, because I got that INSUFFICIENT GAS/TX FEE error for token creation.

**544. By mbswirldslabs in the Javascript Channel on 03/20/2023**

I have been testing something recently on testnet and I do see some errors when trying to create a token, the response code is coming back a 9 telling me its INSUFFICIENT\_TX\_FEE even when I put the amount really high.

**545. By mbswirldslabs in the Javascript Channel on 03/20/2023**

just trying to rule out all other issues with your code, if its the HTS creation code thats the problem it would be better to know.

**546. By mbswirldslabs in the Javascript Channel on 03/20/2023**

ok, ``contract.deployTransaction`` isn't visible here in your example of code or error. Where is this and what is it doing? It's really hard to help when we can't see what your

doing exactly.

If the gas isn't being set correctly, does this all work not using a proxy factory?

**547. By .cryptorush in the Javascript Channel on 03/20/2023**

This is the error I get. If I check failed transactions via mirror node API, TOKENCREATE is failing because of gas fee. I'm sure that it's because I'm creating a HTS token inside `initialize` function of the implementation contract.

If I debug `contract.deployTransaction`, it does not have value set, even if I override value as params.

**548. By mbswirldslabs in the Javascript Channel on 03/20/2023**

can you give us some more context, error logs etc?

**549. By .transformer56 in the Developer General Channel on 03/20/2023**

Hi! I am transferring an NFT from my account to a contract. I get this error

```

INSUFFICIENT_PAYER_BALANCE

```

Both, my account and the contract have HBAR balance. The NFT that I am trying to transfer is also listed. Does anyone know what the issue could be? What other things should I check?

**550. By sudeesh in the Javascript Channel on 03/20/2023**

Guys, I am not sure if it is already discussed, I am getting an error like the following

ERROR: { code: 13,

api\_1 | details: 'Received RST\_STREAM with code 0',

api\_1 | metadata: Metadata { internalRepr: Map {}, options: {} },

and then the node server is crashing

**551. By purpliatst in the Developer General Channel on 03/18/2023**

TypeError: submit.getReceiptWithSigner is not a function

**552. By ohm\_pathorn in the Token Service Channel on 03/17/2023**

Yes our SDK supports ECDSA key. Could you please share the error?

**553. By berochallita in the Java Channel on 03/16/2023**

I am trying to upload the smart contract in the Hedera docs that allows us to create mint and transfer an NFT. I used the same contract given in the tutorial, used the .json file generated by remix IDE and extracted the bytecode from it. I am getting the error when executing the createflow transaction.

**554. By bugbytes in the Developer General Channel on 03/16/2023**

Same error in same test run for Token Associate as well.

**555. By bugbytes in the Developer General Channel on 03/16/2023**

(this specific error above was raised while trying to get the receipt for a tx that revoked KYC)

### 556. By bugbytes in the Developer General Channel on 03/16/2023

As of late, I've noticed the rate of my full nightly integration test runs both on \*testnet\* an \*previewnet\* has been slow degrading with errors like the following:

```
Hashgraph.PrecheckException : Unable to communicate with network node
40.70.11.202:50211: Status(StatusCode="Cancelled", Detail="No grpc-status found on
response."), it may have accepted payment and terminated the connection before
returning Query results.
---- Grpc.Core.RpcException : Status(StatusCode="Cancelled", Detail="No grpc-status
found on response.")
```

So what's up? This error should not be considered "normal", its not a BUSY or anything like that, it looks like a proxy failure at best, or service crash at worst?

### 557. By berochallita in the Java Channel on 03/15/2023

Hello, when uploading a smart contract to the hedera network, I am getting the error INVALID\_SOLIDITY\_ADRESS, does anyone know what could be the potential causes leading to this error ? thank you

### 558. By .transformer56 in the Developer General Channel on 03/15/2023

I am getting this error

```
error: PrecheckStatusError: transaction 0.0.3627174@1678880221.57920897 failed
precheck with status CONTRACT_REVERT_EXECUTED
{
 status: Status { _code: 33 },
 transactionId: TransactionId {
 accountId: [AccountId],
 validStart: [Timestamp],
 scheduled: false,
 nonce: null
 },
 contractFunctionResult: ContractFunctionResult {
 _createResult: false,
 contractId: [ContractId],
 bytes: <Buffer >,
 errorMessage: '0x',
 bloom: <Buffer >,
 gasUsed: [Long],
 logs: [],
 createdContractIds: [],
 evmAddress: null,
 stateChanges: [],
 gas: [Long],
 amount: [Long],
 functionParameters: <Buffer >,
 senderAccountId: null
 }
}
```



in hashpack.

So instead, i am going to modify it so that when the player goes to the site, they do not need to pair or auth. They click the start game button, the request to start the game is initialized, a popup should come up and ask the player if they are ok with pairing and a contract call for the amount they had bet and if they hit yes, then the game runs, a winner is determined and it is paid out.

I have already built all of this in javascript, would it be a bad idea to make the contract call do the acceptance of the game being started, log that the contract call was made ( maybe move the randomization to solidity) and have the contract process the payout so its proper, but keep the game play logic in JS? My script is a mess but id be happy to send it to whomever to get a better idea of what im doing. I've over complicated this for myself for sure, im 2 mins away from starting over on this project

My mistake it seems i am passing in the private key from the hashpack pair and then approving it on the backend, because i was following <https://hedera.com/blog/how-to-approve-hbar-allowances-on-hedera-using-the-sdk> on how to do it.

ive over engineered this thing by so much lol. I feel like im so close to finishing this and moving on to something more complicated if i can just wrap my head around this part.

**561. By Michael Garber#5033 in the Token Service Channel on 03/13/2023**

Hello! Could you please share the error so I may have a little more information?

**562. By deejay0076 in the Token Service Channel on 03/13/2023**

sorry @king4198 I am just a random friendly here nothing more. alas, I have an IRL job.

what's the error and what is it you are trying to achieve? would not expect (just my experience) you to need to call that method yourself hence the ask as to what you are trying to do

**563. By king4198#5262 in the Token Service Channel on 03/13/2023**

@Deejay Can you explain this error:

```
const publicKeyData = publicKey.toBytesRaw(); // note: this omits the DER prefix on purpose because Hedera doesn't
```

**564. By king4198#5262 in the Token Service Channel on 03/13/2023**

@Deejay I resolved this issue now its working

**565. By king4198#5262 in the Token Service Channel on 03/13/2023**

I am getting error while minting token

**566. By 0.0.Kyn#2973 in the Smart Contracts Channel on 03/12/2023**

Hey guys, anybody have issues deploying contracts on mainnet ?

**567. By jonnyutah\_ in the Developer General Channel on 03/11/2023**

I'm not sure if this the right place but I cant find support for Pangolin. I cannot connect my Hashpack wallet to Pangolin. Is this an issue from earlier this week?

**568. By asiniscalchi in the Developer General Channel on 03/11/2023**

hey there , I realized the I set as `OPERATOR\_KEY\_MAIN` the ECDSA key associated to my



account. So my relay gives me signature error.

Actually I don't own the ED25519 of that account. Is there any way to set the ED25519 by the ethereum address associated ?

**569. By supremax67 in the Developer General Channel on 03/10/2023**

@jierenchen If HTS had an issue, the impact would have been much larger. Like everyone here, we are waiting for an update.

**570. By Cado #5891 in the Developer General Channel on 03/10/2023**

Are you still experiencing the issue @ALeSD

**571. By Michael Garber#5033 in the Developer General Channel on 03/10/2023**

I am not sure if you can adjust how much is sent to the precompiles. Are you facing an insufficient gas issue when you try to create a token with the HTS contracts?

**572. By Michael Garber#5033 in the Developer General Channel on 03/10/2023**

I don't recommend users to use hethers anymore. Hethers is a wrapper around Ethers which now works so you should be going with that. As far as your error, it looks like the `toNumber()` function is being called on a number that is too big.

**573. By Greg Scullard#5365 in the Smart Contracts Channel on 03/10/2023**

as far as I know, approve doesn't increase the existing allowance, it replaces it with the new allowance, so if the allowance is 10 and you approve 5, the allowance becomes 5 (I could be wrong)

**574. By .transformer56 in the Developer General Channel on 03/09/2023**

For me, this error is popping up in the catch callback function

```
```\nsigner.sendTransaction(utx).catch(() => /* get error here*/)
```\n
```

**575. By powvt in the Developer General Channel on 03/09/2023**

anyone else getting an error when spinning up the reactJS starter project? <https://docs.hedera.com/hedera/tutorials/starter-projects>

**576. By .transformer56 in the Developer General Channel on 03/09/2023**

Hi, I am getting this overflow error and have not been able to figure out why it is happening

**577. By tmcc\_patches in the Developer General Channel on 03/08/2023**

Do you think that'd be caught up to the same issue?

**578. By AbsolutelyNot#3226 in the Developer General Channel on 03/08/2023**

Propagation latency. Submit to MirrorNode

There is a known limitation when looking at NFT balances. (<https://github.com/hashgraph/hedera-mirror-node/issues/5307>) and assume they are not related.

**579. By tmcc\_patches in the Developer General Channel on 03/08/2023**

We've had a couple developers tell us the same thing. Kabila and HGN are seeing these issues with mirror node transaction propagation

Unsure what the cause could be

**580. By tmcc\_patches in the Developer General Channel on 03/08/2023**

**\*\*Moving from incorrect channel:\*\***

@Supremax67

We're experiencing long waits in transaction propagation to mirror nodes that are causing issues with functionality with our launchpad

I did a transaction on Zuse and it took 3 minutes to propagate to mirror nodes.

Is this a known issue? Our logic assumes consensus under a minute and that ruined the UX unfortunately and allowed people to mint more than they should have been allowed

**581. By rhyssied in the Developer General Channel on 03/08/2023**

Hedera Account IDs are safe to share with the user and they are all publicly viewable. The only issue where you may fall foul is if you (Person A) were to tell me (Person B) that account ID 0.0.123 belonged to Person C as this may be considered PII under GDPR or other equivalent laws

**582. By deejay0076 in the Smart Contracts Channel on 03/08/2023**

You could do it 'by hand' - I needed something similar and had unearthed the below/. Not implemented myself but should work I think:

```
...
function linkLibrary(bytecode: string, libraries: {
 [name: string]: string
} = {}): string {
 let linkedBytecode = bytecode
 for (const [name, address] of Object.entries(libraries)) {
 const placeholder = `__$${utils.solidityKeccak256(['string'], [name]).slice(2, 36)}__$`
 const formattedAddress = utils.getAddress(address).toLowerCase().replace('0x', '')
 if (linkedBytecode.indexOf(placeholder) === -1) {
 throw new Error(`Unable to find placeholder for library ${name}`)
 }
 while (linkedBytecode.indexOf(placeholder) !== -1) {
 linkedBytecode = linkedBytecode.replace(placeholder, formattedAddress)
 }
 }
 return linkedBytecode
}
...
```

**583. By deejay0076 in the Smart Contracts Channel on 03/07/2023**

On second thoughts, might not be possible until the cryptoTransfer() function is fixed/turned back on? (Unverified hunch)

**584. By yongtaufoo123 in the Developer General Channel on 03/07/2023**

Hi team, can i check if there's been any recent changes made to the

hashgraph javascript SDK? I run into this error `contained error status TOKEN\_ALREADY\_ASSOCIATED\_TO\_ACCOUNT` when trying to associate a token with an account (the same code could run without any errors a month ago). I tried the code example (<https://docs.hedera.com/hedera/tutorials/token/create-and-transfer-your-first-fungible-token>) provided in the hedera docs but it runs into the same error as well. Anyone knows the solution?

**585. By deejay0076 in the Developer General Channel on 03/07/2023**

<https://github.com/hashgraph/hedera-services/issues/4084>

**586. By ohm\_pathorn in the Developer General Channel on 03/07/2023**

You can use Consensus Service or a smart contract to store the state of the games. You might not need a traditional SQL for this but it depends on your design. There is no right or wrong here.

**587. By johnda98 in the Smart Contracts Channel on 03/06/2023**

you mean 'Embark' ... re-badged .. lol... whats wrong with truffly wuffly ?

**588. By samuelnihou in the Smart Contracts Channel on 03/06/2023**

Hi, I'm so stuck on generating a bytecode haha. My JSON file has at best data.bytecode field, sometimes. What can be wrong? What way do you guys use to reliably get a bytecode?

**589. By sergicanal in the Token Service Channel on 03/06/2023**

Hello, Is there any way to detect `nft\_transfers` and index them? I found that the `transfers/` api call will include `token\_transfers` but not `nft\_transfers` which is only included when calling `transfers/{id}`. I have found this issue talking about it: <https://github.com/hashgraph/hedera-mirror-node/issues/4099>.

My question would be, understanding that `transfers/` does not include `nft\_transfers`, and querying `transfers/{id}` for every transaction submitted to the network just to see if it contains nft transfers is not feasible; Is there another way in which to approach the problem to be able to detect and index nft transfers in real time?

**590. By deejay0076 in the Token Service Channel on 03/06/2023**

if you use ethers/web3 to encode the values against the ABI then you would have no issue but using the strongly typed hedera helper methods you need to line them up.

**591. By deejay0076 in the Token Service Channel on 03/06/2023**

Thanks @king4198 . Could you also share the error stack? script you used? where the error occurred? happy to help with some context.

as a quick guess it is your arguments supplied not type matching:

...

```
function createNft(
 string memory name,
 string memory symbol,
 string memory memo,
 int64 maxSupply,
 int64 autoRenewPeriod
```

```
...)
...
new ContractFunctionParameters()
 .addString("Fall Collection") // NFT name
 .addString("LEAF") // NFT symbol
 .addString("Just a memo") // NFT memo
 .addInt64(250) // NFT max supply
 .addUint32(7000000) // Expiration: Needs to be between 6999999 and 8000001
);
...
```

**592. By king4198#5262 in the Token Service Channel on 03/06/2023**

ReceiptStatusError: receipt for transaction 0.0.6929@1678096644.318059968 contained error status CONTRACT\_REVERT\_EXECUTED

**593. By rafakbl in the Javascript Channel on 03/03/2023**

Hi everyone!

I am working with hedera topics and I would like to know if I can get messages from multiple topics at the same time.

This piece of code is inside a loop:

```
```js  
new TopicMessageQuery()  
  .setTopicId(topics)  
  .setStartTime(0)  
  .subscribe(client, (message) =>  
    console.log('Received message:', message.contents.toString())  
  );  
```
```

I am trying to do it but I get this error:

```
```js  
Error subscribing to topic 0.0.3636119 during attempt 0. Waiting 250 ms before next  
attempt: Received RST_STREAM with code 0  
```
```

Is there any way to do it or it is just impossible?

**594. By deejay0076 in the Token Service Channel on 03/03/2023**

@king4198 could you provide the transaction id that threw the error, the error stack, the script you called etc.

**595. By king4198#5262 in the Token Service Channel on 03/03/2023**

<https://docs.hedera.com/hedera/tutorials/token-service/create-and-transfer-an-nft-using-a-solidity-contract>

I am using this doc for HTS using solidity contract but when I try to call the contract function then it shows "CONTRACT\_REVERT\_EXECUTED" error.

This is my code: <https://github.com/sumit-oneto11/hts-smart-contract>

**596. By fireball2427 in the Developer General Channel on 03/02/2023**

I tried to send Hbar to an account.

```
await new TransferTransaction()
 .addHbarTransfer(AccountId.fromString("0.0.3613018"), new Hbar(1))
 .execute(client);
```

But I failed with this error:

PrecheckStatusError: transaction 0.0.3601709@1677810990.286133522 failed precheck with status INVALID\_ACCOUNT\_AMOUNTS

What's wrong with me?

### 597. By deejay0076 in the Smart Contracts Channel on 03/02/2023

you will want something like this (example using web3.js but you could use ethers too just as well)

...

```
async function getEventsFromMirror(contractId) {
 console.log(`\n -Getting event(s) from mirror nodes`);

 const baseUrl = env.toUpperCase() == 'MAIN' ? baseUrlForMainnet : baseUrlForTestnet;

 const url = `${baseUrl}/api/v1/contracts/${contractId.toString()}/results/logs?
order=desc&limit=100`;
 console.log(url);
 axios.get(url)
 .then(function(response) {
 const jsonResponse = response.data;
 jsonResponse.logs.forEach(log => {
 // decode the event data
 if (log.data == '0x') return;
 const event = decodeEvent(log.data, log.topics.slice(1));

 // console.log('EVENT:\n', JSON.stringify(event, null, 3));

 let outputStr = '';
 for (let f = 0; f < event.__length__; f++) {
 const field = event[f];
 let output = field.startsWith('0x') ?
AccountId.fromSolidityAddress(field).toString() : field;
 output = f == 0 ? output : ' : ' + output;
 outputStr += output;
 }

 console.log(outputStr);
 });
 })
 .catch(function(err) {
 console.error(err);
 });
}
```

```
/**
 * Decodes event contents using the ABI definition of the event
 * @param log log data as a Hex string
 * @param topics an array of event topics
 */
function decodeEvent(log, topics) {
 const eventAbi = abi.find(event => (event.name === eventName && event.type ===
'event'));
 const decodedLog = web3.eth.abi.decodeLog(eventAbi.inputs, log, topics);
 return decodedLog;
}
...
```

**598. By fireball2427 in the Smart Contracts Channel on 03/01/2023**

What's wrong?

**599. By fireball2427 in the Developer General Channel on 03/01/2023**

```
.addHbarTransfer(contractId, new Hbar(20))
 ^
```

TypeError: (intermediate value).addHbarTransfer is not a function

**600. By fireball2427 in the Developer General Channel on 03/01/2023**

And get error

**601. By deejay0076 in the Developer General Channel on 03/01/2023**

can you share the code you are trying to run exactly, the error and also the results of:

```
...
npm list
...
```

I am making the assumption you are using JS...sometimes assumptions fail

**602. By cosm0\_web3 in the Developer General Channel on 03/01/2023**

Hey, sorry I do not wanna bother at all but I have been following the "How to Start Developing on Hedera: Back to the Basics" docs but Im having issues when running the code. I think Im missing any package or something like that since Im having problems with the imports

**603. By fireball2427 in the Developer General Channel on 03/01/2023**

I want to ask some about smart contract deployment on JS script.  
I have this error when I tried to deploy a bytecode.

ReceiptStatusError: receipt for transaction 0.0.3541070@1677696311.812723663 contained error status INSUFFICIENT\_GAS

What should I do?

I had 15 Hbar on testnet wallet before run deploy script and I applied  
setDefaultMaxTransactionFee() setting with 50 Hbar.

If anybody knows about solution, plz help me.

**604. By houseonfire0 in the Developer General Channel on 03/01/2023**

Thank you for all the help. I was hoping you could point me in the right direction when it comes to the auth token. i followed the youtube video by jaycool on authing the wallet upon pairing. How can I determine a safe token that can be authenticated on the front and back end and be unique to the specific player that is connecting? I was thinking to take the receipt of the wallet pair and relaying it to the backend also? Ive been searching for how to do this and not finding much. Perhaps my search terms are wrong or i am just going about this all wrong I'm not sure now lol. I'm just trying to understand and demonstrate these concepts so i can expand in the future to other projects .

**605. By deejay0076 in the Token Service Channel on 03/01/2023**

it should not be needed but in some (recent) versions of the JS SDK adding this helped remove some resolution errors and I don't think there is downside so i keep it in just in case

**606. By .cryptorush in the Javascript Channel on 02/28/2023**

There is more GRPC Server Timeout errors when I do Query on mainnet than testnet. Is this something expected, or do I have something wrong running the Queries? I tried using hethers/Hashgraph Javascript SDK.

**607. By jaaazvj in the Smart Contracts Channel on 02/28/2023**

do users have to pay gas to query transactions ?  
I know there is no 1155 , can we solve that issue?

**608. By webified1 in the Developer General Channel on 02/28/2023**

That's the way I went. Seems to be 25 record pages now though.

My issue now is I am trying to do this in a Google Apps Script which has a 6min execution limit. I'll need to find a workaround for that next. It would great if this query had a param to start from a certain timestamp, then I could build up my results with each execution

**609. By ohm\_pathorn in the Developer General Channel on 02/27/2023**

Hey, thanks for the information. I tested on my machine and my app build successfully with HashConnect 0.2.4 with Node 16. The error is a bit ambiguous. Could you please share the full log? Maybe through DM.

**610. By deejay0076 in the Smart Contracts Channel on 02/27/2023**

[sadly I have one contract I need to find a way to let it die from neglect when the time comes to avoid a unintentional painful charge so i like to plan ahead...]

**611. By jaaazvj in the Smart Contracts Channel on 02/27/2023**

@johnda98

My requirements are simple: Is it possible to create a marketplace similar to opensea in ethereum... for that we need a token like ERC 721/1155 ERC20... What is the common standard that NFT marketplace in hedera will accept bec buy/ sell / mint events are needed to be captured and regularly updated in the local DB right?

And one more thing, do users have to pay gas to query transactions ?  
I know there is no 1155 , can we solve that issue?

**612. By 0xhashtree in the Developer General Channel on 02/26/2023**

I was trying to weigh it on regulatory point of view. As it has been stated that council nodes don't have ability to freeze accounts. But if US Office of Foreign Assets Control (OFAC) issues a list of account#/public keys as blacklist then this ability of node operator to filter the transaction based on Account Id is effectively freezing the account. As every council node will comply with OFAC order.

**613. By rhyssied in the Developer General Channel on 02/26/2023**

You could potentially do it on the fly and ask the user to give you a public key. That way they can use an existing or new key and you would never know the private key.

Looking at herera.com/fees it's actually cheaper to create a new account with an auto-association slot than it would be to have you pay for fees (the second token associate is with 2 signatures, I don't know when signatures became so expensive to add or whether the calculator is wrong - hopefully one of the Hedera team can add some clarity as 3¢ for an extra signature seems well over the top)

**614. By rhyssied in the Developer General Channel on 02/25/2023**

Is the issue the fee or requiring user approval?

If it's just the fees you could do it without a smart contract by creating the transaction yourself, setting the users account ID and then presenting it for them to sign.

If the issue is about requiring user approval, then that is by design (basically to stop spammy airdrops)

**615. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/25/2023**

> Is it possible to deploy the open zeppelin exact code ?

Yes. Confirmed by the OZ team who have spent month/weeks integrating relay, admin, sentinels and other functionality on Hedera.

If you run into issue please let us know

**616. By teacoat in the Token Service Channel on 02/24/2023**

try updating to 2.20 i think there was something in there about this error

**617. By tmcc\_patches in the Token Service Channel on 02/24/2023**

Hey, I'm getting this error in production every now and then doing NFT transfers:

GrpcServiceError: gRPC service failed with status: TIMEOUT

Looks like a node is having an issue:

Node 4 (account 0.0.7) | Hosted by Nomura | Tokyo, Japan

<https://status.hedera.com/>

**618. By teacoat in the Developer General Channel on 02/24/2023**

its mostly an issue when changing between networks, the pairing string needs to be regenerated in that case - something that a future hashconnect update will address



**619. By rhyssied in the Developer General Channel on 02/24/2023**

yeah, its not too much of an issue aside from clearing up some clutter in our UI. I'm mainly just wondering if

- a) I'm mistaken (although I'm fairly confident each sig was only returned once)
- b) it's a very minor bug that has crept in
- c) its an explicit change / design choice that was made that I wasn't aware of (which it could be tbh as I struggle to keep up with everything)

**620. By rhyssied in the Developer General Channel on 02/24/2023**

hi bugbytes, assuming you were responding to me then this is an example: `https://testnet.mirrornode.hedera.com/api/v1/schedules/0.0.3562898`

you can see the public\_key\_prefix ending in `byO6w=` has been added three times. Once when the scheduled transaction was created (this account was the payer) and subsequently when adding the other keys (again, it was used as a fee payer to add a signature that doesn't have an account in its own right to pay fees if that makes sense)

**621. By rhyssied in the Developer General Channel on 02/24/2023**

has anyone been using scheduled transactions for a while? I'm not sure if my memory is incorrect but I've just noticed on testnet that now duplicate signatures are listed with different timestamps whereas I thought before if signatures were already present they were "discarded" (or to put it another way only new signatures were added to the list)

**622. By deejay0076 in the Consensus Service Channel on 02/24/2023**

<https://discord.com/channels/373889138199494658/373889138199494660/1078611479600836638>

I think something went wrong

**623. By Saiprasad#7452 in the Javascript Channel on 02/24/2023**

Following are my functions please let me know if someone finds any issue in this Also the client used in both cases is same

```
// FUNCTION TO CREATE TOPICID
async function createTopic(topicDetails) {
 try {
 let { topicMemo } = topicDetails;

 let transaction = new TopicCreateTransaction()
 if (topicMemo) {
 transaction.setTopicMemo(topicMemo);
 }

 const response = await transaction.execute(client);
 const receipt = await response.getReceipt(client);

 console.log(
 HCS ::: New Topic Created ::: ${topicMemo} :::: ,
 receipt.topicId.toString()
);
 }
}
```

```
 return {
 topicId: receipt.topicId.toString(),
 }
 }
 catch (e) {
 console.error("ERROR ::: createTopic ::: ", e);
 throw (e);
 }
}

// FUNCTION TO SUBMIT MESSAGE
async function submitMessage(topicId, message, options) {
 try {

 const transaction = await new TopicMessageSubmitTransaction()
 .setTopicId(TopicId.fromString(topicId))
 .setMessage(message)
 .execute(client);

 console.log("HCS ::: New Message Submitted ::: transactionHash -> ",
transaction.transactionId.toString());
 const receipt = await transaction.getReceipt(client);
 return {
 topicId: topicId,
 message: message,
 transactionId: transaction.transactionId.toString(),
 topicSequenceNumber: receipt.topicSequenceNumber.toString()
 }
 }
 catch (e) {
 console.error("ERROR :::::::::: submitMessage :::::::::: ", e)
 throw e
 }
}
```

**624. By Saiprasad#7452 in the Consensus Service Channel on 02/24/2023**

Following are my functions please if someone finds any issue let me know  
Also the client used in both functions is same

```
// FUNCTION TO CREATE TOPICID
async function createTopic(topicDetails) {
 try {
 let { topicMemo } = topicDetails;

 let transaction = new TopicCreateTransaction()
 if (topicMemo) {
 transaction.setTopicMemo(topicMemo);
 }
 }
```

```
const response = await transaction.execute(client);
const receipt = await response.getReceipt(client);

console.log(
 `HCS ::: New Topic Created ::: ${topicMemo} :::: ` ,
 receipt.topicId.toString()
);
return {
 topicId: receipt.topicId.toString(),
}
}
catch (e) {
 console.error("ERROR ::: createTopic ::: ", e);
 throw (e);
}
}

// FUNCTION TO SUBMIT MESSAGE
async function submitMessage(topicId, message, options) {
 try {

 const transaction = await new TopicMessageSubmitTransaction()
 .setTopicId(TopicId.fromString(topicId))
 .setMessage(message)
 .execute(client);

 console.log("HCS ::: New Message Submitted ::: transactionHash -> ",
transaction.transactionId.toString());
 const receipt = await transaction.getReceipt(client);
 return {
 topicId: topicId,
 message: message,
 transactionId: transaction.transactionId.toString(),
 topicSequenceNumber: receipt.topicSequenceNumber.toString()
 }
 }
 catch (e) {
 console.error("ERROR ::::: submitMessage ::::: ", e)
 throw e
 }
}
```

**625. By Saiprasad#7452 in the Javascript Channel on 02/24/2023**

@here is anybody having issues with submitting messages to a topic? it keeps giving me as Invalid Signature although I am using the same PrivateKey on Testnet

**626. By nonsense#5906 in the Token Service Channel on 02/24/2023**

after add it ,it just revert without any error message

**627. By nonsense#5906 in the Token Service Channel on 02/24/2023**

before add {value:10 ether},error is msg.value < depositfee

**628. By nonsense#5906 in the Token Service Channel on 02/24/2023**

is there any wrong with this ?

**629. By mcneil\_ in the Developer General Channel on 02/23/2023**

Is there a way to control who pays gas for a transaction? I have a setup that goes from client -> contract and if client is Nth client to call, contract calls an internal function. My issue is that instead of the contract paying for the associated gas of the internal function, the Nth client does. Any way to redirect?

**630. By nonsense#5906 in the Token Service Channel on 02/23/2023**

error message is 0x

**631. By nilson.bertola in the Javascript Channel on 02/23/2023**

Interesting fact.

I just tried this scenario

revoked kyc using `TokenRevokeKycTransaction` and then tried to wipe with  
`TokenWipeTransaction`

Got this error

```

receipt for transaction 0.0.10918@1677170794.396573723 contained error status
ACCOUNT_KYC_NOT_GRANTED_FOR_TOKEN
StatusError: receipt for transaction 0.0.10918@1677170794.396573723 contained error
status ACCOUNT_KYC_NOT_GRANTED_FOR_TOKEN\n

```

**632. By nilson.bertola in the Javascript Channel on 02/23/2023**

Sure, I wrongly said to wipe an account, I meant to wipe the tokens from an account. My doubt is if it is possible to wipe the tokens from a KYC revoked account.

I created a token with KYC and Wipe key

Alice associated to a token

I granted KYC to Alice

I transferred tokens to Alice

I revoked KYC from Alice

I want to wipe the tokens that I sent to Alice << is this possible or should I grant kyc back?

**633. By danrichmond#6511 in the Developer General Channel on 02/22/2023**

Hello everyone, I'd like to become more a part of the developer community here, I'm not on discord a lot is basically the issue.

**634. By .cryptorush in the Javascript Channel on 02/21/2023**

I have one question. There is Hashgraph Javascript SDK, and hethers.js. Which one is more reliable to use(in other words, which one is actively maintained)

I'm asking because I use hethers.js for automated tests & deployments of the contracts, but getting some gRPC timeout / other errors while testing/deploying on testnet/mainnet.

**635. By deejay0076 in the Smart Contracts Channel on 02/21/2023**

Testnet and mainnet are a little different (nodes, geographic distribution etc). I feel your pain and ran into this before. There were some JS SDK versions that were worse than others...latest (.20?) seem to be behaving ok for me. Would check you are latest there. I am not using hethers just SDK and JS (DM me if you want me to share the deploy script I use)

**636. By .cryptorush in the Smart Contracts Channel on 02/21/2023**

I have trouble deploying contracts on mainnet. I'm using hethers, and the error is always changing. Some of the errors I have seen so far was GRPC server timeout, max attempts exceed, etc. I didn't use to get any error while doing testnet deployment.

**637. By Michael Garber#5033 in the Developer General Channel on 02/21/2023**

Can you please share a code snippet so I can reproduce your error?

**638. By Michael Garber#5033 in the Developer General Channel on 02/21/2023**

We are evm compatible currently but are taking that a step further to reach evm equivalence. If you see run into any issues from a development perspective while using ethereum tooling, please let us know as we get closer and closer

**639. By .cryptorush in the Smart Contracts Channel on 02/20/2023**

Is hedera-local-node and hts-precompile contracts up to date? I have error while calling mintToken HTS precompile function.

**640. By teacoat in the Token Service Channel on 02/20/2023**

Nft royalties are indeed additive, but only between different token IDs, it will throw an error at greater than 100% total royalties

**641. By deejay0076 in the Developer General Channel on 02/20/2023**

I can see in your stack trace the error is occurring as you try and create a new account [ at async accountCreatorFcn (C:\Users\devon\Desktop\Lotto\Project\index.js:138:19) ] which you do passing 200 hbar and the account has only 198.9+ ( <https://hashscan.io/testnet/account/0.0.3522942?p2=1> ) hence the failure.

your issue in the loop of account creation is you need to flip the client.setOperator() back to the original account with all the funds else it will fail on the 2nd pass.

**642. By deejay0076 in the Developer General Channel on 02/18/2023**

Cross post from a similar query:

Certainly have seen this in the past - there were a few versions of the JS SDK recently that were not behaving very well. The latest ones seem better.

If it repeats I found the workaround was to create then upload chunks to the File and deploy afterwards, clearly more painful however much easier to recover.

**643. By harris224 in the Developer General Channel on 02/18/2023**

```Error: max attempts of 10 was reached for request with last error being:TRANSACTION\_EXPIRED```

644. By harris224 in the Developer General Channel on 02/18/2023

It gives me error.

645. By deejay0076 in the Smart Contracts Channel on 02/18/2023

Certainly have in the past - there were a few versions of the JS SDK recently that were not behaving very well. The latest ones seem better.

If it repeats I found the workaround was to create then upload chunks to the File and deploy afterwards, clearly more painful however much easier to recover.

646. By Hedera Legacy#4581 in the Smart Contracts Channel on 02/18/2023

is anyone else facing issues when deploying sc on mainnet?

Error: max attempts of 10 was reached for request with last error being: TRANSACTION_EXPIRED

647. By mcneil_ in the Developer General Channel on 02/18/2023

I'll have to grab it when i'm back with pc. I'm pretty sure it was a low funds error whatever the official message is but can't quite remember i'll get back to you thanks

648. By deejay0076 in the Developer General Channel on 02/18/2023

what's the error stack? tough to diagnose on the snippet.

649. By deejay0076 in the Developer General Channel on 02/18/2023

i often have operator/alice/bob and switch in between them liberally without issue. not sure what you might be doing on your side

650. By mcneil_ in the Developer General Channel on 02/18/2023

quick question i remember you telling me a few days ago that you would set client.setOp for unique account transaction calls, do you ever run into issues doing this repetitively? every time i try making a loop to create account > setop -> call contract it crashes, even a loop of 2 or 3

651. By AbsolutelyNot#3226 in the Developer General Channel on 02/18/2023

It is more of the latter. While the service seems free, behind the scenes SwirldsLabs pays for all the eth_calls and there is hBar spend limit - to ensure the costs are reasonable. HashIO was intended to provide community with a vehicle to test and work with ETH tooling. We are now seeing architectural patterns where these calls are submitted multiple times eg to check the balance which has not really changed - habit from ETH ecosystem where such calls are free. These are transitional pains as we work on few improvements to cache the results, improve query responses, enable higher TPS, improve relay economics etc. These should start rolling out in 8-10wks (see roadmap for details). Meanwhile, you can check out Arkhia (<https://www.arkhia.io/pricing/>).

652. By deejay0076 in the Developer General Channel on 02/18/2023

ah right - well they are reasonable. Not trying to suggest I had no teething issues but we got there quick enough

653. By akihiko7777 in the Developer General Channel on 02/18/2023

Hi guys, anyone of you know why am I getting "Uncaught ReferenceError: global is not defined at hashconnect.ts:8:1" error when trying to import { HashConnect } from 'hashconnect'?

654. By Michael Garber#5033 in the Javascript Channel on 02/17/2023

I dont like to dm too much because the problem is that someone will see this message and pretend to be me and dm you. If you dont expect me to ever dm you and it does happen then you know its a scam.

Q: Do you get this error on every transaction you try to make or is it only some transactions?

655. By jane31_huston in the Smart Contracts Channel on 02/17/2023

@Deejay Thank you! This did it for me. However, I find it strange that there was nothing about this error or approach in discord, stack overflow or documentation

656. By Oxanon in the Developer General Channel on 02/17/2023

If the max supply of any token is fixed and it is all minted
Is there any chance the supply can be increased in any way ?

657. By yongtaufoo123 in the Developer General Channel on 02/17/2023

hey team, can i check if the JSON/RPC relay (<https://hashio.io/>) is working fine now? Im using it with my metamask + ethers.js now but the network seems very unstable. For e.g., my imported hedera developer portal in my metamask displays 0 HBAR sporadically (when it should be displaying 10000 HBAR instead) and none of my transactions are going through (gas fees take a long long time to calculate + even after gas fees are calculated, the transaction gets stuck in pending forever, can't speed up or cancel). Would like to know if its something im doing wrong on my end or if its that the RPC URL is overloaded/ rate limited, thus causing the delays. Thanks

658. By jane31_huston in the Smart Contracts Channel on 02/16/2023

Hi all, I am struggling to understand why I cannot seem to call a smart contract function that changes the state. This is the code:

```
`var client = Client.forTestnet();
  const transaction = await new ContractExecuteTransaction()
    .setContractId(process.env.PRODUCT_CONTRACT_ID!)
    .setGas(100000)
    .setFunction("addCompany",
      new ContractFunctionParameters()
        .addString(supplierId))
    .freezeWith(client)
    .sign(PrivateKey.fromString(process.env.PRODUCT_OPERATOR_KEY!));
  const txResponse = await transaction.execute(client);`
```

This is the error I receive: Error: `transactionId` must be set or `client` must be provided with `freezeWith`

Product operator key is the private key of smart contract owner. Any ideas? I have exhausted my google searchig

659. By Hedera Legacy#4581 in the Javascript Channel on 02/16/2023

this error occurs when trying to deploy a sc, can i dm u?

660. By AbsolutelyNot#3226 in the Token Service Channel on 02/16/2023

StackOverflow may be another place where you can share what you have tried and the issue you may be seeing.

661. By Greg Scullard#5365 in the Developer General Channel on 02/16/2023

Remix won't have the back end precompile that Hedera deploys on the network, that's probably the issue. I'm surprised it even runs without failing...

662. By mcneil_ in the Developer General Channel on 02/16/2023

Hm okay so even copying your exact PseudoRandom.sol contract testNumbers() continues to return 6. I'm currently working out of remix so I will try deploying to the test net and see if that allows me to call it internally. My issue that isn't making this really easy is that i need many numbers all generated in one sc call hence why I'm trying to make the call internal. Was trying to stay on remix for as long as possible since this is my first go at solidity but I'm thinking I'm stupid and don't understand the logic of the function and it requires info from hedera net.. in which case I'm sorry if I wasted your time

663. By Hedera Legacy#4581 in the Javascript Channel on 02/15/2023

does not seem to resolve the issue

664. By Michael Garber#5033 in the Javascript Channel on 02/15/2023

Expired transactions happen mostly when the computer time is inaccurate. If your computer time difference between you and the node that you sent the tx to is off by more than 2 mins then you will see that error

665. By Hedera Legacy#4581 in the Javascript Channel on 02/15/2023

getting this error any additional info is appreciated

666. By michielswirlds#1775 in the Javascript Channel on 02/15/2023

Try it out and let me know if you see any errors

667. By kiril.k. in the Javascript Channel on 02/15/2023

Hello everyone!

What could be the reason to observing such errors in the logs of node.js server running the JS SDK, anyone?

```
\\`\\`\\`
| Error getting nodes from mirror for file 0.0.102 during attempt 0. Waiting 250 ms before
next attempt: Stream refused by server
| Error getting nodes from mirror for file 0.0.102 during attempt 1. Waiting 500 ms before
next attempt: Received RST_STREAM with code 0
| Error getting nodes from mirror for file 0.0.102 during attempt 2. Waiting 1000 ms
before next attempt: Received RST_STREAM with code 0
| Error getting nodes from mirror for file 0.0.102 during attempt 3. Waiting 2000 ms
before next attempt: Received RST_STREAM with code 0
| Error getting nodes from mirror for file 0.0.102 during attempt 4. Waiting 4000 ms
before next attempt: Received RST_STREAM with code 0
\\`\\`\\`
```

668. By RaphaelM#1144 in the Javascript Channel on 02/15/2023

Hey ! I'm unsure if the custom token fees are malfunctioning or if you're encountering

issues when trying to exempt a specific account from paying these fees ?
I wanted to mention that with HIP-573, you have the option to exclude a particular account from paying custom fees.
Therefore, Hedera has not removed custom fees, but has instead added this as an optional feature.

669. By crypto.sheraz in the Javascript Channel on 02/14/2023

Im having a small issue, Would you please be able to help me?
So i am calling this smart contract funtion

```
`
function getUserstakedNftIds_collection_1(address _user) public view returns (int64[]
memory){
    int64 len = numberTokensStaked_collection_1[_user];
    int64[] memory temp = new int64[](uint64(len));
    for (int64 i = 0; i < len; ++i) {
        temp[uint64(i)] = ownerTokenIds_collection_1[_user][i];
    }
    return temp;
}
`
```

Its returning a int64[] but how do i get this value in js? Currently i am using this

```
`
const contractQueryTx1 = new ContractCallQuery()
    .setContractId(ContractId.fromString(stakingContractId))
    .setGas(100000)
    .setFunction("getUserstakedNftIds_collection_1", new
ContractFunctionParameters().addAddress(AccountId.fromString(account).toSolidityAddre
ss()));
const contractQuerySubmit1 = await contractQueryTx1.execute(client);
const contractQueryResult1 = contractQuerySubmit1.getInt64(0);
console.log('- getAllStakedIds: ${contractQueryResult1} \n');
`
```

But from this i get a value of 32 which is wrong
Would you solution to this?

670. By Michael Garber#5033 in the Smart Contracts Channel on 02/14/2023

For the time being there is no way in local node.

There is a issue in services repo, which will fix this <https://github.com/hashgraph/hedera-services/issues/4126>.

Engineering is actively looking at the best way to unblock this. Ill keep you all posted.
Good to hear this local node feedback, so thank you, as it helps us to prioritize

671. By michielmul in the Javascript Channel on 02/14/2023

This is a known bug which is fixed in the upcoming version: <https://github.com/hashgraph/hedera-sdk-js/issues/1441>

672. By Michael Garber#5033 in the Javascript Channel on 02/14/2023

We have an open issue for this <https://github.com/hashgraph/hedera-sdk-js/issues/1441>

673. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/13/2023

You can not get it from Consensus nodes.

As I have mentioned this earlier (<https://discord.com/channels/373889138199494658/768621337865486347/1070754318879301733>) so you have to get it from the MirrorNode. HGraph is API on top of the MirrorNode data. Your other option would be to wait for TheGraph support. (<https://github.com/hashgraph/hedera-json-rpc-relay/issues/438>)

674. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/13/2023

Done

<https://github.com/hashgraph/hedera-docs/issues/270>

675. By johnda98 in the Smart Contracts Channel on 02/13/2023

swamped busy.. would love to.. but its not my issue.. was a suggestion for salaried core team to tune wording to help newcomers. all good

676. By theekrystallee in the Smart Contracts Channel on 02/13/2023

hi John! do you mind putting in an issue for this and we'll get it updated as soon as we can? thanks in advance :) <https://github.com/hashgraph/hedera-docs/issues>

677. By mcneil_ in the Developer General Channel on 02/13/2023

I might be explaining it incorrectly i'm new to all of this sorry. Pretty much i have a payable function in contract that allows any wallet to pay it one time, and have another owner modifier function that transfers hbar to all accounts that have paid contract. I have data structures to keep track of this info in the contract and need multiple unique addresses calling the SC function to test it, as well as non owner calling functions to test the access modifier

678. By dss200#5634 in the Smart Contracts Channel on 02/13/2023

```
let helloHedera = require("./contracts/HelloHedera.json");
const bytecode = helloHedera.data.bytecode.object;

const createContract = new ContractCreateFlow()
  .setGas(2610868) // Increase if revert
  .setBytecode(bytecode); // Contract bytecode
const createContractTx = await createContract.execute(client);
const createContractRx = await createContractTx.getReceipt(client);
const contractId = createContractRx.contractId;
```

I was trying to deploy the contract by `ContractCreateFlow`

But I am still getting `ReceiptStatusError: receipt for transaction 0.0.3120905@1676276501.555566632 contained error status CONTRACT_REVERT_EXECUTED`

I confirmed there's no error in the contract and `FileCreateTransaction`, `ContractCreateTransaction` were working.

Appreciate if anyone can help me

679. By asheoro in the Developer General Channel on 02/10/2023

also @altoid , it seems that the mirror nodes do support the EVM tx hash and that a bug in Hashscan is currently preventing searching by tx hash.

For example: <https://testnet.mirrornode.hedera.com/api/v1/contracts/results/0x736f6137fd6bd9eba4ad3d24642aa16fe0e89fc2bd943d1e9b49eb6bfe97b012>

But broken in Hashscan: <https://hashscan.io/testnet/search-result/0x736f6137fd6bd9eba4ad3d24642aa16fe0e89fc2bd943d1e9b49eb6bfe97b012?errorCount=0>

...i'll file a bug against Hashscan and thx for bringing this to my attn.

680. By enchil.ada in the Javascript Channel on 02/10/2023

Hi! I'm following the first tutorial about account creation, the code works fine but the command does not finish when I called `await client.close()`
Is there something I'm doing wrong?

681. By Michael Garber#5033 in the Javascript Channel on 02/09/2023

Hi Miguel! I created this issue enhancement for you <https://github.com/hashgraph/hedera-sdk-js/issues/1455>

682. By asheoro in the Developer General Channel on 02/09/2023

i didn't have any issues joining <https://discord.com/invite/bladewallet>

683. By altoid__ in the Developer General Channel on 02/09/2023

yeah i haven't been having issues getting it to show the hbar balance

684. By asheoro in the Developer General Channel on 02/09/2023

had no issues importing it into MM and it very quickly displayed my correct hbar balance

685. By asheoro in the Developer General Channel on 02/09/2023

a bit of a pain, i know

686. By altoid__ in the Developer General Channel on 02/09/2023

probably some errors in there

687. By asheoro in the Developer General Channel on 02/09/2023

we had some issues with computing gas costs that were resolved last week. Idk what's going on..

688. By altoid__ in the Developer General Channel on 02/09/2023

ok cool with that explorer i have the error <https://hashscan.io/testnet/tx/0x3672cf9e0e1c9961c6018bde1be01d07dee4cf076159de22f1114bb644156dff>

689. By altoid__ in the Developer General Channel on 02/09/2023

@Ashe Oro I'm stuck again - I switched the node on the network in my metamask and it gets past the "you don't have any balance" issue but now my transactions are going into an error state

account <https://hashscan.io/testnet/account/0.0.3403856?>

p1=1&k1=1675805280.247049003&p2=1

evm txid of failed send

`0x3672cf9e0e1c9961c6018bde1be01d07dee4cf076159de22f1114bb644156dff`

I can't figure out where to put the txid to get more info, hashscan does not work for evm tx ids

Please help

690. By Miguel Ángel- ioBuilders#5464 in the Javascript Channel on 02/08/2023

Hi, advocates!!

We are trying to use token custom fees, using js sdk latest version (2.19.2), and to set up fractional fees we need the FeeAssessmentMethod class in order to indicate who will be charged in the fee, but this class is not exported through the sdk/src/exports.js file, so we are not able to use it. Do you know if this is an error?

691. By deejay0076 in the Smart Contracts Channel on 02/08/2023

Thanks for the confirmation. The native precompile method for getNonFungibleTokenInfo() would give me the same issue. A version of that that could take int64[] array of serial**s** instead of a single inte64 would be really handy and more flexible if it were possible

692. By deejay0076 in the Smart Contracts Channel on 02/08/2023

Fun one on a topic asked a few times (that I have answered before hitting this speed bump) -> finding out if a user owns a given serial inside the SC.

```

```
IERC721(_claimNFT).ownerOf(serials[i]) == msg.sender
```

```

This works well for me in general. However, each call to this method creates a child record, so when this is done in a large loop, I end up getting a 'MAX_CHILD_RECORDS_EXCEEDED' error

<https://hashscan.io/testnet/transaction/1675851257.455147003?tid=0.0.1395784-1675851245-138163251>

A couple of questions:

1) Can I confirm 50 is the hard limit?

2) Is there another way

to check the ownership, so I do not squander child transactions toward this limit?

693. By tahlil in the Javascript Channel on 02/08/2023

I am following the code from this link: <https://hedera.com/blog/get-started-with-hcs-and-javascript>

After running the code I get the error `TypeError: MirrorClient is not a constructor`

How to resolve this?

694. By stephenmolnar in the Developer General Channel on 02/07/2023

To filter logs by `topic0` for:

<https://mainnet-public.mirrornode.hedera.com/api/v1/contracts/0.0.1463739/results/logs>

Can't get either of these to work, maybe an issue with the timestamp?

[https://mainnet-public.mirrornode.hedera.com/api/v1/contracts/0.0.1463739/results/logs&limit=100?order=asc?timestamp=gte:1675793411?](https://mainnet-public.mirrornode.hedera.com/api/v1/contracts/0.0.1463739/results/logs&limit=100?order=asc?timestamp=gte:1675793411?&topic0=0xd78ad95fa46c994b6551d0da85fc275fe613ce37657fb8d5e3d130840159d822)

[https://mainnet-public.mirrornode.hedera.com/api/v1/contracts/0.0.1463739/results/logs&limit=100?order=asc?timestamp=gte:1675793411?](https://mainnet-public.mirrornode.hedera.com/api/v1/contracts/0.0.1463739/results/logs&limit=100?order=asc?timestamp=gte:1675793411?timestamp=lte:1675798453&topic0=0xd78ad95fa46c994b6551d0da85fc275fe613ce37657fb8d5e3d130840159d822)

[timestamp=lte:1675798453&topic0=0xd78ad95fa46c994b6551d0da85fc275fe613ce37657fb8d5e3d130840159d822](https://mainnet-public.mirrornode.hedera.com/api/v1/contracts/0.0.1463739/results/logs&limit=100?order=asc?timestamp=gte:1675793411?timestamp=lte:1675798453&topic0=0xd78ad95fa46c994b6551d0da85fc275fe613ce37657fb8d5e3d130840159d822)

Any guidance would be greatly appreciated. Also was wondering what is the difference between the hash returned by `data` and `bloom`? and is there any way to view the value types and variable names returned by the hash? I'm looking for `amount0in`, `amount1in` etc.

695. By Michael Garber#5033 in the Smart Contracts Channel on 02/06/2023

Check out this smart contract starter! The folks over at Lab49 helped us put this together so shout out to them. Feedback is much appreciated. Make an issue or a PR <https://github.com/hashgraph/hedera-smart-contract-starter>

I think it would be good to build this out further and have HTS integrations so people can see how that works out of the box, but let me know what you all think!

696. By Michael Garber#5033 in the Javascript Channel on 02/06/2023

no inconvenience at all! if you dont mind, could you tell me what resolved the issue?

697. By justynjj in the Token Service Channel on 02/06/2023

Thanks @Ashe Oro , really useful links. I've added some comments to each to help these get prioritised. @Adrian {KBL} @Deejay I think these bug reports will help with the issues we've been having if you wanted to add your thumbs up too to help push them along.

698. By nilson.bertola in the Javascript Channel on 02/06/2023

~~**Testnet**~~

~~Hi guys, currently I'm working only with sdk in my project. Since the reset it started some strange behaviours.~~

~~This started showing up that was already noticed here...~~

```\n

```
Error getting nodes from mirror for file 0.0.102 during attempt 0. Waiting 250 ms before
next attempt: Received RST_STREAM with code 0
Error getting nodes from mirror for file 0.0.102 during attempt 2. Waiting 1000 ms before
next attempt: Received RST_STREAM with code 0
Error getting nodes from mirror for file 0.0.102 during attempt 2. Waiting 1000 ms before
next attempt: Received RST_STREAM with code 0
Error getting nodes from mirror for file 0.0.102 during attempt 2. Waiting 1000 ms before
next attempt: Received RST_STREAM with code 0
```

```

~~But~~ ```client.setNetworkUpdatePeriod(1000 * 60 * 60); // every hour``` ~~didn't suppressed the warnings.~~

~~Plus on that my integration tests broke because jest is not capable anymore to kill the process.~~

~~Any advice?~~

~~ Latest version solved the warnings but also break the tests...~~

Just solved, sorry guys.

699. By michielswirlds#1775 in the Javascript Channel on 02/06/2023

@Sudeesh I'm not aware of this issue, but would you mind checking which version you are using in your package-lock? The latest version is <https://www.npmjs.com/package/@hashgraph/sdk> 2.19.2 - maybe that's causing some trouble.

700. By sudeesh in the Javascript Channel on 02/06/2023

I am aware that it is a know issues and there are few threads about it. I would like to know the best way to handle this? may be a way to switch nodes? It is really bad today

701. By sudeesh in the Javascript Channel on 02/06/2023

Guys, I am using hedera js sdk in node JS server, I frequently getting an error message '13 INTERNAL: Received RST_STREAM with code 0' is it my issue or something from the node?

702. By liquidsn4ke in the Smart Contracts Channel on 02/05/2023

Hi everybody, when I try to transfer a nft token that has a fallback fee via solidity smart contract, it fails with : INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE

703. By Michael Garber#5033 in the Consensus Service Channel on 02/04/2023

What was the issue? Just curious

704. By tomachianura in the Consensus Service Channel on 02/04/2023

i've already fixed, thanks!

705. By Michael Garber#5033 in the Consensus Service Channel on 02/04/2023

This may be a bug as you are using the beta release and I can file an issue for you if you like. Could you provide a code snippet I could use in the issue?

706. By tomachianura in the Consensus Service Channel on 02/04/2023

problem now is, we have plenty of

`max attempts of 10 was reached for request with last error being: RECEIPT_NOT_FOUND` any hint on that?

707. By tomachianura in the Consensus Service Channel on 02/04/2023

we've upgraded to the latest beta4 sdk, as suggested by @Greg Scullard , and i must say the GRPC timeout error has fully gone

708. By deejay0076 in the Smart Contracts Channel on 02/03/2023

Never found any issue doing this.

709. By johnda98 in the Developer General Channel on 02/03/2023

Wonderful recent summary of state of the Art: gatsby-ipfs-path-prefix. may add-value to any usecases still in the late 80s protocol http mindset

be sure to know your desktop gateway config for ipfs.. if you dont use the Fleek service... also watchout for Cloudflare via their gateway trying to suck you into their pinning service - not necessary - can DIY.

Reprovider strategy is key for keepin it up on nodes, especially any images in your links. Decentralized static REACT f/end with multiple page layers.

.. you'll need Filecoin's Lotus CLI .. and put yourself everywhere but nowhere.. sniffs like Truer Freedoms from the now very aged http location obsessed protocol.

<https://dappradar.com/blog/hosting-your-application-on-ipfs-filecoin-through-fleek>

710. By Greg Scullard#5365 in the Javascript Channel on 02/03/2023

suggest you keep an eye on the latest SDK versions where this may have been fixed.

711. By Greg Scullard#5365 in the Javascript Channel on 02/03/2023

These errors are the SDK trying to update its node address book, you can alleviate as follows:

```
`client.setNetworkUpdatePeriod(1000 * 60 * 60); // every hour`
```

712. By Greg Scullard#5365 in the Developer General Channel on 02/03/2023

These errors should really be warnings, they don't impact on the operation of the SDK and are happening in a background process. The default query frequency is far too high too.

The purpose of the query is to continuously update the list of nodes the SDK can send transactions to, given nodes are rarely added to the network at the moment, a query on initial SDK startup would be plenty sufficient...

713. By Greg Scullard#5365 in the Consensus Service Channel on 02/03/2023

It could be network connectivity issues between you and the mirror, I'm able to query it successfull.

714. By adriankbl in the Javascript Channel on 02/03/2023

I just keep getting hundreds of this errors over and over

715. By .alextaylor in the Developer General Channel on 02/02/2023

yes actually i'm still getting numerous such errors showing on the log, but the JS SDK service is at least working now. But woudl like to know what's going on to avoid unexpected issues

716. By .alextaylor in the Developer General Channel on 02/02/2023

I was still getting `Error getting nodes from mirror for file 0.0.102 during attempt 8. Waiting 8000 ms before next attempt: Received RST_STREAM with code 0`

with both testnet and mainnet. I then cloned the entire node.js service to a new folder, and it works fine

```

```
pm2 stop 2 #faulty service
cp -r dev dev5 #clone service
```

```
cd dev5
pm2 start server.js
```
```

Weird or what?! It works now so no issue, but any ideas what was going on? old age..? me or the files

@Greg Scullard
@Adrian {KBL}

717. By tmcc_patches in the Consensus Service Channel on 02/02/2023

I second, would love to know when it comes out. Downgrading seems necessary as I'm still seeing some errors

718. By asheoro in the Token Service Channel on 02/02/2023

<https://github.com/hashgraph/hedera-mirror-node/issues/4348>

719. By asheoro in the Token Service Channel on 02/02/2023

<https://github.com/hashgraph/hedera-mirror-node/issues/4346>

720. By asheoro in the Token Service Channel on 02/02/2023

there's also another active mirror node issue related to NFT Allowances that i'd love your feedback on.

721. By asheoro in the Token Service Channel on 02/02/2023

so a comment on <https://github.com/hashgraph/hedera-mirror-node/issues/3245> would be very helpful

722. By asheoro in the Token Service Channel on 02/02/2023

hey @Justyn mind commenting on that github issue? That always helps with priority. I had filed this separately, but closed due to duplicate. <https://github.com/hashgraph/hedera-mirror-node/issues/4349>

723. By tomachianura in the Consensus Service Channel on 02/02/2023

So also mirror are facing issues? How shall we interpretate this error?

724. By Greg Scullard#5365 in the Smart Contracts Channel on 02/02/2023

Depends, the contract could control minting such as no more than 10% of total supply per month. Where the minted tokens go is a separate issue and use case dependent of course.

725. By justynjj in the Token Service Channel on 02/02/2023

I've just discovered via @Ashe Oro a proposal here: <https://github.com/hashgraph/hedera-mirror-node/issues/3245> which I think is what would solve the issue for me at least for discovering allowance NFTs. Can we re-energise this proposal?

726. By Ogi#8374 in the Javascript Channel on 02/02/2023

We have the same errors on our side in the SDKs. We tried to isolate the problem, but now we don't have the errors.

727. By adriankbl in the Javascript Channel on 02/02/2023

Looks like there are some problems in Testnet with the Nodes? Either in Kabila || HashPack I'm getting the same error when I'm trying to create a new Account in Testnet.

728. By adriankbl in the Consensus Service Channel on 02/02/2023

@Tomachi Anura @patches The TimeOut thingi should be fixed in the next Update of the SDK. I reported the Issue in Github and looks like they fixed it already.

729. By antorcol in the Token Service Channel on 02/01/2023

Thanks, @. Bear with me, please. As I read the page you linked, I see no explicit statement about required fields. Am I looking in the wrong area?

730. By tomachianura in the Consensus Service Channel on 02/01/2023

This issue shall be addressed with a massive urgency gentlemen

731. By tomachianura in the Consensus Service Channel on 02/01/2023

there is something bigger than only grpc errors going on gentlemen...

732. By ed.marquez in the Token Service Channel on 02/01/2023

@Adrian {KBL} @Justyn @Deejay

- I agree with you on the benefit of being able to see information about allowances for NFTs, just like for HBAR and FTs. I'd encourage adding an issue to the mirror node repo to start that conversation with the engineering team.

- Adrian, `AccountAllowanceDeleteTransaction` does work. However, this one is tricky for NFTs because the implementation in the SDK follows the ERC-721 standard. Because of that standard not all scenarios are covered; for instance, if you approve ****all NFT****s for a spender, then you can't remove the allowance for ****individual serials****. From doc (<https://docs.hedera.com/hedera/docs/sdks/cryptocurrency/adjust-an-allowance#methods>), you see that this only has one method (`deleteAllNftAllowance()`). So, what works is to approve serials 1 by 1 and remove them 1 by 1.

Here are a few tutorials on allowances: <https://docs.hedera.com/hedera/resources/tutorials#accounts-keys-and-hbar>

Here's one on allowances for tokens with the SDKs: <https://hedera.com/blog/how-to-approve-fungible-token-and-nft-allowances-on-hedera-part-1-using-the-sdk>

733. By deejay0076 in the Developer General Channel on 02/01/2023

did you reset your testnet account? testnet was reset last week.

[the error is invalid signature so it is a PK that is wrong, the above is my hunch]

734. By yongtaufoo123 in the Developer General Channel on 02/01/2023

hello! im facing this error when trying to associate a fungible token to a user account. My code worked ~2 weeks ago, may I ask if there have been any changes to the HTS APIs in the past 2 weeks? And also how can I troubleshoot my problem? thank you

735. By AbsolutelyNot#3226 in the Consensus Service Channel on 01/31/2023

I wonder if this is just SDK back off (<https://github.com/hashgraph/hedera-sdk-js/issues/808>) which retries a bad node from time to time.

736. By tmcc_patches in the Consensus Service Channel on 01/31/2023

They were sent to 3, but there was 5 hours of no errors. Assuming intermitant outage still happening.

737. By justynjj in the Token Service Channel on 01/31/2023

Is there a HIP anywhere in the pipeline yet that you know of to address these allowance issues? I think it would benefit a lot of people to get them resolved.

738. By tmcc_patches in the Consensus Service Channel on 01/31/2023

I'm still getting these errors

739. By tomachianura in the Consensus Service Channel on 01/31/2023

That would explain the issue I guess... can we know what's causing the outage?

740. By tmcc_patches in the Consensus Service Channel on 01/31/2023

all with the same error:

gRPC service failed with status: TIMEOUT

741. By tmcc_patches in the Consensus Service Channel on 01/31/2023

Hmm, looks like an intermittent issue.

Got errors at these times (MDT):

1:41 am

2:47 am

2:50 am

2:57 am

6:16 am

6:19 am

6:24 am

6:44 am

6:53 am

7:11 am

7:16 am

7:31 am

8:02 am

8:40 am

742. By tmcc_patches in the Consensus Service Channel on 01/31/2023

We're recording votes on HCS and haven't received any errors from the service

743. By ed.marquez in the Token Service Channel on 01/31/2023

Hi Justin - that is correct. The existing mirror node API endpoints only show info for hbar and FT allowances.

NFT allowance info is provided individually at the NFT serial # level.

I agree that an endpoint for NFTs may be useful. I remember having this conversation with the team a while back and I believe there was a technical implication that made providing an endpoint for NFTs difficult. Feel free to share your feedback with the team via an issue in the mirror node repo: <https://github.com/hashgraph/hedera-mirror-node/issues>

744. By justynjj in the Token Service Channel on 01/31/2023

Thanks @AbsolutelyNot , that is a fungible token. I think I see part of the issue. `.../allowances/tokens` is for fungible tokens only and not NFTs.

So I just need to find out where I can get this same info for NFTs.

`.../allowances/crypto` is for Hbar

`.../allowances/tokens` if for fungible tokens

`.../???` is for non-fungible tokens

745. By psychoter in the Developer General Channel on 01/31/2023

Hello mates. I have a question about transaction responses. does "duplicated_transaction" error means that the first transaction with the same transactionId was successfully processed?

746. By tomachianura in the Consensus Service Channel on 01/31/2023

`GrpcServiceError: gRPC service failed with status: TIMEOUT` all the time

747. By tomachianura in the Consensus Service Channel on 01/31/2023

hello you all, what's wrong with mainnet?

748. By hbarpassion in the Developer General Channel on 01/31/2023

I try to send nft with this code.

```
const nft = new NftId(TokenId.fromString(tokenId_s), serialNum_s);
```

```
const transferTx = await new TransferTransaction()
```

```
  .addNftTransfer(nft,  
    AccountId.fromString(senderId_s),  
    AccountId.fromString(receiverId_s))  
  .freezeWith(client)  
  .sign(operatorKey);
```

```
const transferSubmit = await transferTx.execute(client);
```

```
const transferRx = await transferSubmit.getReceipt(client);
```

But get INVALID_SIGNATURE error.

This code is working well with normal nfts but if the nft has fallback fee, this error appear.

Is anybody have experience with this?

Please help me.

749. By Itramen in the Java Channel on 01/30/2023

Hey @Sebastien-Michaud the busy error tends to happen when testnet is congested with other users testing as well. You can bypass this by setting up your own Hedera Local node. Or simply wait until testnet is less congested.

Here is a tutorial on how to set up your own local node. <https://hedera.com/blog/how-to-set-up-your-own-hedera-local-network-using-docker>

If you decide to go this route and have questions along the way don't hesitate to reach out.

750. By Sebastien-Michaud#2442 in the Java Channel on 01/30/2023

@Brady Could you please help with an error I am having?

I am calling a function from a smart contract created beforehand:

```
> ContractCallQuery query = new ContractCallQuery()
>     .setContractId(ContractId.fromString(request.getContractID()))
>     .setGas(100_000_000)
>     .setFunction(request.getContractFunctionName(),
contractFunctionParameters);
>
>
> ContractFunctionResult contractCallResult = query.execute(hederaClient);
```

The hedera client is initialized as such:

```
> hederaClient = Client.forName("testnet");
>
hederaClient.setOperator(AccountId.fromString(secretsManagerSecret.get("hedera.operator.id").toString()),
PrivateKey.fromString(secretsManagerSecret.get("hedera.operator.key").toString());
> hederaClient.setDefaultMaxTransactionFee(new Hbar(10_000));
> hederaClient.setDefaultMaxQueryPayment(new Hbar(10_000));
> hederaClient.setMaxAttempts(1000);
```

And it times out after attempt 47:

```
*web - 2023-01-30 22:53:28,795 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery -
Problem submitting request to node 0.0.3 for attempt #43, retry with new node: BUSY
web - 2023-01-30 22:53:28,936 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery -
Retrying node 0.0.6 in 8000 ms after failure during attempt #44: BUSY
web - 2023-01-30 22:53:37,032 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery -
Problem submitting request to node 0.0.5 for attempt #45, retry with new node: BUSY
web - 2023-01-30 22:53:37,182 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery -
Problem submitting request to node 0.0.3 for attempt #46, retry with new node: BUSY
web - 2023-01-30 22:53:37,321 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery -
Retrying node 0.0.6 in 8000 ms after failure during attempt #47: BUSY
java.util.concurrent.TimeoutException*
```

751. By Greg Scullard#5365 in the Consensus Service Channel on 01/30/2023

Hi, not 100% sure where this error could come from, can you share a log to look at ? Also, this is an old demo which used the Hedera Consensus to create an "off ledger" stable coin, you may want to look into the Token Service and fungible tokens which are now native to Hedera and were made available some time after this demo was put together.

That said, the HCS model may work for you, it's just that the token itself is managed outside Hedera and the consensus service is used to keep several off-ledger nodes in sync when it comes to token operations.

752. By Greg Scullard#5365 in the Developer General Channel on 01/30/2023

This is an error (warning) generated by the SDK which while annoying doesn't affect the operation of the SDK.

Suggest you try upgrading to the latest version, if this doesn't fix it, you can set your client to stop trying to get a refreshed list of nodes

```
`Client.forTestnet().setNetworkUpdatePeriod(periodInMilliseconds)`
```

753. By vishaloneto11#5548 in the Token Service Channel on 01/30/2023

during association i get this error

754. By vishaloneto11#5548 in the Token Service Channel on 01/30/2023

there is an error occur while associate token , this error occur after testnet reset please help me on this ????

755. By deejay0076 in the Smart Contracts Channel on 01/29/2023

glad you got it fixed - figured I would post anyway in case anyone else searches

756. By houseonfire0 in the Developer General Channel on 01/29/2023

I really really appreciate you replying.. In my case i want it to be decentralized, and for the players to be able to verify that it was truly random. I have the pseudo random number generator from the hashgraph SDK. My goal was to put it on IPFS also, which i already know how to do.

I guess i just dont get which code i should be doing in JS side vs solidity side. If the player wins, do i transfer coins using my solidity bytecode or would i just use the function in my JS side? lol maybe im over complicating it and should just do it however works. I just want to learn the full proper way to do something like this so i can learn to make anything else in the future. I feel like getting to understand this aspect will open me up to understanding the rest. I can send you my code and stuff. Admittedly its a total mess but i am not ignorant to that. I'm trying to think of it like im creating an API server and making calls from it, is that incorrect?

757. By houseonfire0 in the Developer General Channel on 01/28/2023

i asked this in the javascript room but it might have been the wrong one. I'm looking for help on understanding just the logic of smart contracts on hedera.

<https://discord.com/channels/>

373889138199494658/616725732650909710/1068944858573701230

758. By adriankbl in the Javascript Channel on 01/27/2023

Nice, thanks. I'll DM you tomorrow morning, the code you're missing from me, for the other issue opened. I prefer not share in Github ❤️

759. By Ogi#8374 in the Javascript Channel on 01/27/2023

v2.20.0-beta.3 should fix the TIMEOUT issue

760. By reg.cs in the Consensus Service Channel on 01/27/2023

For the payment part between buyer and seller, I can easily imagine a smart contract escrow with a deposit/withdrawal mechanism. However, for the bidding part a SC is not ideal. Partially due to price, partially due to the polling issue. A HCS topic would be better for the bidding. The best scheme I can come up with is:

- a user has its actual funds in a dedicated wallet app which they register with a smart contract for fund withdrawal/deposit (that way the dapp has no private key for the user funds)
- dApp creates a separate Hedera account for the user upon registration which handles the automated calls like bidding

The dapp then would handle only the private key for the second account, which at least increases security. The remaining issue is, that the second account would still need enough HBAR to pay for the bidding process and other transactions. It would be nice if the user could set up an allowance for the second account to pay all transaction fees for the second account from the users primary account (in the best case: The user could define in the allowance exactly which topics and smart contracts they allow spending for) . But that seems to be impossible, right?

If so, the user would need to transfer some hbar to the second account every few days leaving the risk for the dapp beeing hacked and the money allocated for the fees of the automated calls to be stolen. I think this scheme is good, except for the latter part. And I am trying to resolve this without sacrificing any of the decentralization.

761. By reg.cs in the Consensus Service Channel on 01/27/2023

Thanks for your input. I appreciate it. The common issue I see in your suggestions though is that it involves either a user interaction or some kind of centralized element (e.g. Proxies, a bot, etc.) if I get it correctly. But then you don't have a real dApp anymore.

762. By reg.cs in the Consensus Service Channel on 01/27/2023

Well, but that seems to be a quite fundamental issue for any Dapp that requires smart contract calls or topic messages in an automated way. Imagine a kind of peer-to-peer network between users, where there is a constant automated communication between the dapp instances of each user's computer ... Maybe a specific example would be a decentralized eBay where users can specify a "limit price" they are willing to pay for an offered product. The users dApp runs in the background and should be able to sent automated bids to an HCS topic as long as the limit price is not reached (a smart contract would be too expensive, if you pay \$0.05 per bid). That is not an ideal example, since there are other issues involved (e.g., when the dapp is not running, there would be no bids), but it should illustrate the overall issue.

763. By deejay0076 in the Smart Contracts Channel on 01/27/2023

i tried @ 200 hbar and get that error

764. By deejay0076 in the Smart Contracts Channel on 01/27/2023

or is it just a dodgy error message?

765. By deejay0076 in the Smart Contracts Channel on 01/27/2023

ContractExecuteTransaction() is working fine, just ContractCallQuery() causing issues for me [nothing changed on my code side - other than bumping up the max payment setting to test]

766. By deejay0076 in the Smart Contracts Channel on 01/27/2023

GM All, has anyone been doing SC work in testnet post-reset? I was trying to redeploy our test environment as running into a weird error:

```
...
-getAllowanceWhitelist Query
{
  "message": "query cost of 0.01392272 ¢ HBAR exceeds max set on client: 200 ¢ HBAR",
  "name": "MaxQueryPaymentExceededError",
  "queryCost": {
    "_valueInTinybar": "1392272"
  },
  "maxQueryPayment": {
    "_valueInTinybar": "20000000000"
  }
}
MaxQueryPaymentExceeded [MaxQueryPaymentExceededError]: query cost of
0.01392272 ¢ HBAR exceeds max set on client: 200 ¢ HBAR
  at ContractCallQuery._beforeExecute (C:\Users\signu\github\hedera-SC-LAZY-FT-
implementation\node_modules\@hashgraph\sdk\lib\query\Query.cjs:333:15)
  at process.processTicksAndRejections (node:internal/process/task_queues:95:5)
  at async ContractCallQuery.execute (C:\Users\signu\github\hedera-SC-LAZY-FT-
implementation\node_modules\@hashgraph\sdk\lib\Executable.cjs:549:5)
  at async getAllowanceWL (C:\Users\signu\github\hedera-SC-LAZY-FT-
implementation\scripts\adjustWL.js:130:24)
  at async main (C:\Users\signu\github\hedera-SC-LAZY-FT-
implementation\scripts\adjustWL.js:114:3) {
  queryCost: Hbar { _valueInTinybar: BigNumber { s: 1, e: 6, c: [Array] } },
  maxQueryPayment: Hbar { _valueInTinybar: BigNumber { s: 1, e: 10, c: [Array] } }
}
...
```

767. By reg.cs in the Consensus Service Channel on 01/27/2023

This is a more general question about handling accounts in a Dapp, but I need to post it somewhere, so I use this channel. If my dApp needs to make frequent **automated calls**, it would be inconvenient to ask the user to sign each transaction via Hashpack/Metamask/etc. One way to circumvent this, is to store the private key of the user's dApp account in an encrypted keystore and hold the key in memory as long as the app is running (and the user provided his password to decrypt the file at app launch). The user then only needs to transfer HBAR to this dApp account from his primary account to pay for fees.

However, since this comes with security risks and I wonder if there is a better way for a dApp developer that would not require an internal key handling?

For example, is there something like a CryptoAllowance which makes it possible to grant a secondary account (i.e. the dApp) the right to make transactions only to ****specific topics and smart contracts**** and make the primary account pay for it? Or is there another way to handle the issue above, which does not involve managing the user's private key within the dApp?

768. By PD#2133 in the Developer General Channel on 01/27/2023

getting the above error simultaneously after clearing the testnet data by hedera?
How I can prevent it?

769. By jane31_huston in the Consensus Service Channel on 01/26/2023

Hi all, I am new here so apologize in advance if I am breaking the rules But, has anyone run this demo: <https://github.com/hashgraph/hedera-stable-coin-demo> ? Im having this beautiful error when running build.sh on docker folder:**** Ineffective mark-compacts near heap limit Allocation failed - JavaScript heap out of memory****

770. By Ogi#8374 in the Javascript Channel on 01/26/2023

I think that I've managed to isolate the issue. It is happening only with Node 10 with IP: 179.190.33.184

771. By Ogi#8374 in the Javascript Channel on 01/26/2023

I understand. I've successfully run 1000 nft transfers and 1000 hbar transfers. The GRPC errors can be caused by different things -> Slow network, node that is not responsible and etc. I am researching it and will notify you.

772. By fazoo52 in the Developer General Channel on 01/25/2023

Or maybe I'm getting this wrong??

773. By adriankbl in the Javascript Channel on 01/25/2023

But even 1h ago, we got the same error again and again

774. By Ogi#8374 in the Javascript Channel on 01/25/2023

Can you provide more information about the time hitting the error, so I can validate that this is connected with the GCP outage?

775. By Ogi#8374 in the Javascript Channel on 01/25/2023

@Adrian {KBL} I haven't reported trying again. I suggest trying with different timers. Also, I've checked with the network team, and there was interruption of the GCP as I've posted in the issue reported.

776. By dm6713 in the Developer General Channel on 01/25/2023

that is not a solution for me, Waiting for the hedera team to fix the staking compatibility with ledger.

777. By adriankbl in the Javascript Channel on 01/25/2023

<https://github.com/hashgraph/hedera-sdk-js/issues/1411>

778. By adriankbl in the Javascript Channel on 01/25/2023

An Issue in the SDK

779. By .dragongirls in the Smart Contracts Channel on 01/25/2023

Hello there i need Help :hedera: i was minting my nft collection doing lazy minting 1 by 1 , and last night minting some more because the collection has 1010 items and i already mint 303 , anyway the last one i have error showing on wallet so i had to mint it again and now i have two of them . who i can Burn one Nft ?

780. By slyrojo in the Developer General Channel on 01/25/2023

Even if you do collect every day the fees even for the year are minuscule though
 $365 \times \$0.0001 = 3.6$ cents for the year haha
Please correct me if I'm wrong.

781. By deejay0076 in the Javascript Channel on 01/25/2023

No idea if this is just me, but in testnet today I am getting a lot of gRPC failures.

Using: @hashgraph/sdk@2.19.2

...

```
GrpcServiceError: gRPC service failed with status: TIMEOUT
  at Timeout._onTimeout (... \@hashgraph\sdk\lib\channel\NodeChannel.cjs:111:20)
  at listOnTimeout (node:internal/timers:564:17)
  at process.processTimers (node:internal/timers:507:7) {
  status: GrpcStatus { _code: 17 }
}
```

...

782. By GarySmith || Don't DM#4478 in the Developer General Channel on 01/24/2023

@everyone HashPack 5.0.0 launched today, we will have an official announcement of this update soon but you may notice 5 letters after your account id in various places - this is called a checksum and is basically an optional security measure to help make sure people don't send to an incorrect account. It was proposed by Leemon himself in HIP-15 (<https://hips.hedera.com/hip/hip-15>)

You don't need to include this string of characters to send to your account, its just an extra layer for apps that support it. You are free to leave it off if whatever dapp or exchange you are using doesnt support it.

If you are sending a large amount of hbar from one account to another, its useful to include it to make sure you don't miss a number and send 10k hbar to 0.0.1235 instead of 0.0.12345 for example.

We will likely tweak our implementation of it based on user feedback, so let us know if you find this useful (or hate it)

783. By deejay0076 in the Smart Contracts Channel on 01/24/2023

and also remember the error message being non-intuitive

784. By deejay0076 in the Smart Contracts Channel on 01/24/2023

Can you share the solidity side of the code? Something has likely gone wrong with how you are passing/supply the metadata [it does not validate the metadata as such]

785. By jaycoolsIm in the Token Service Channel on 01/23/2023

Probably because you trying to sign a transaction with the incorrect account

786. By vishaloneto11#5548 in the Token Service Channel on 01/23/2023

pls let me know my this error occur

787. By rhyssied in the Javascript Channel on 01/22/2023

So it sounds like youre either signing with an account or freezing the transaction before you've added all of the transfers, but this doesn't work as signing/freezing locks the transaction.

The pattern I use for most of my transactions is this:

- set up the transaction
- set any generic things (e.g. setMaxTransactionFee, setMemo)
- set the specific values needed for this transaction (so in your case set all of the transfers, in an account create set the keys and initial balance, etc)
- then you need to sign and/or freeze depending on how you are gathering the signatures (this bit can get pretty complicated if you are doing things like having multiple separate humans sign, but for your test I'd just do both signatures yourself at first and worry about the rest later)

As for the undefined error you'd need to add more details.

Hope that helps

788. By craycrayultracontrarian in the Javascript Channel on 01/22/2023

Hey, thank you very much for your reply, and the list of errors. I'm trying to get better at debugging. The problem i'm facing is when I insert this into the obvious object, being the transactionCreate object, i get this error: Error: transaction is immutable; it has at least one signature or has been explicitly frozen

I have also gotten an undefined error

789. By johnda98 in the Smart Contracts Channel on 01/21/2023

spool it up in Brave - I always do and fairly sure i remember it stopped at my breaks. yep quite useful finding any logical errors & reverts before testnet deploy. cant recall the reason I always have it in brave.. that was on osx12.6. On ubuntu 22.04 which i stuffed on my old mac - i only run firefox - probs w chrome on ubuntu in general.

790. By neurotic_nurse in the Developer General Channel on 01/21/2023

Okay. I've tried multiple times and the same error code. Successful on sending wallet message. Email stating transaction failed. "External" as the reason. Is there someone to support? Thanks!

791. By neurotic_nurse in the Developer General Channel on 01/21/2023

Not Ledger, trying to receive from Coinbase...error states "external".

792. By mr_token in the Developer General Channel on 01/20/2023

anyone else have ledger issues on HashPack ?

793. By rhysied in the Java Channel on 01/20/2023

Do you have any info on the error? The error descriptions listed here will give you additional info to help understand the causes too

<https://docs.hedera.com/hedera/docs/hedera-api/miscellaneous/responsecode>

794. By Ik#8025 in the Java Channel on 01/20/2023

Great! I am trying out something like this using the Java sdk but I'm getting an error

795. By yonac1#9688 in the Developer General Channel on 01/20/2023

Hey guys, I've tried to move testnet USDC tokens into my HBAR testnet wallet (first to portal hedera and then to HashPack), and I get this same error message again and again and again with Circle API, do you guys can help me please?

796. By deejay0076 in the Token Service Channel on 01/20/2023

great. then we know the issue. you are in the wrong discord -> need the hashpack (hashconnect) one.

797. By vishaloneto11#5548 in the Token Service Channel on 01/20/2023

IN MYCASE i am using the hashpack wallet only , how i provide that wallet key this is THE ISSUE:::.....

798. By deejay0076 in the Token Service Channel on 01/20/2023

so the issue is one of the keys - this we know.

I would strip this back to test the treasury key, comment out your transfer and just use an hbar tx:

```

```
const transferTx = new TransferTransaction()
 .addHbarTransfer(aliceId, 1)
 .addHbarTransfer(treasuryId, -1)
 .freezeWith(client);
```

```
const transferSubmit = await transferSigned.execute(client);
const transferRx = await transferSubmit.getReceipt(client);
```
```

if that transfer occurs then you know the treasury key is good, so flip it around and send some hbar back to tsry from Alice to test the Alice key:

```

```
const transferTx = new TransferTransaction()
 .addHbarTransfer(aliceId, -0.1)
 .addHbarTransfer(treasuryId, 0.1)
 .freezeWith(client);
```

```
transferTx.sign(alickey);
const transferSubmit = await transferSigned.execute(client);
const transferRx = await transferSubmit.getReceipt(client);
``,`
```

do one or both of those test cases work?

**799. By AbsolutelyNot#3226 in the Smart Contracts Channel on 01/20/2023**

Could we connect sometime? I would love to learn of your experience and issues you ran into so we can improve this for the next person.

**800. By adriankbl in the Javascript Channel on 01/20/2023**

Client.ping() --> Even if I put the IP wrong or I point to a Node with **\*\*Partial Outage\*\*** , its not throwing any Error

**801. By samuelnihou in the Smart Contracts Channel on 01/20/2023**

I still haven't figured out how to compile the example contract from the docs haha, now I have another error.

**802. By deejay0076 in the Token Service Channel on 01/20/2023**

Out of interest, does the NFT you are trying to buy/sell have royalties? Can you share the token ID? Which accounts are buying/selling (i.e. details of the transaction over screenshots)? What error do you see thrown? Which line of code triggers it?

The tokenTransferTx depicted (just using the SDK and having keys in memory), is that the working one or the failing one?

I am guessing your difficulty here is with hashconnect/hashpack? Doing it with hashpack as signer instead of raw SDK - so you don't have the keys in memory - is indeed different. If my guess is correct you would be better off asking your question in the hashpack discord where the team might be able to help you unpick the issue.

**803. By deejay0076 in the Javascript Channel on 01/19/2023**

oh dear. stuck between rock and hardplace as the version you have I believe has gRPC issues...

**804. By adriankbl in the Javascript Channel on 01/19/2023**

I've tried to go with the latest but... <https://github.com/hashgraph/hedera-sdk-js/issues/1398>

**805. By adriankbl in the Javascript Channel on 01/19/2023**

And the SDK itself can't recover from that error?

**806. By adriankbl in the Javascript Channel on 01/19/2023**

```
``,`js
2023-01-19T19:00:20.783Z 777bd11a-2c4e-423b-afff-4385d4723192 ERROR LP send
error: Error: errors.gRPC service failed with status: TIMEOUT
``,`
```

Can somebody explain me how I can get this error executing in Node.js?

**807. By bmino in the Javascript Channel on 01/19/2023**

I suspected the txid is the issue as it contains both the creating accountid and validstart timestamp. do you have an example of creating the tx id manually?

**808. By bmino in the Javascript Channel on 01/19/2023**

having each signer generate the tx, sign, and then post their signature seems to lead to INVALID\_SIGNATURE errors when the sigs are collected and an execution attempt is made

**809. By geralt\_of\_rivia1 in the Smart Contracts Channel on 01/19/2023**

It means that you don't have the correct signature for this operation that your doing. For example signing with the wrong account.

**810. By Shiko#7935 in the Smart Contracts Channel on 01/19/2023**

anyway im passed that point, now im facing this error "  
"INVALID\_FULL\_PREFIX\_SIGNATURE\_FOR\_PRECOMPILE", which doesnt help and the description says nothing

**811. By Shiko#7935 in the Smart Contracts Channel on 01/19/2023**

help me understand what this error means

**812. By GarySmith || Don't DM#4478 in the Developer General Channel on 01/19/2023**

What error are you getting?

**813. By GarySmith || Don't DM#4478 in the Developer General Channel on 01/19/2023**

Are you still experiencing the issue?

**814. By \_morkie in the Developer General Channel on 01/19/2023**

Hi, is anyone having issue sending Hbar from ledger to Exchange right now?

**815. By scanlz in the Developer General Channel on 01/19/2023**

Is anyone having issues receiving funds to Hashpack from coinbase?

**816. By deejay0076 in the Javascript Channel on 01/19/2023**

no. the signed bytes are for the specific transaction with a stabilized hash for a given node that has to round trip in the 2-minute window (create, get tx id, freeze, sign, add signatures, submit). You can go longer by using scheduled tx but the same issue for your use case. (my threshold comment was perhaps muddying the water - just how I think of it as in your case you need X of X signatures)

**817. By Greg Scullard#5365 in the Smart Contracts Channel on 01/19/2023**

<<https://github.com/hashgraph/hedera-services/tree/develop/hedera-node/configuration>>

contains the configuration for the nodes on all networks

Specifically <<https://github.com/hashgraph/hedera-services/blob/develop/hedera-node/configuration/mainnet/api-permission.properties>> for mainnet indicates which range of account ids have access to which apis

For example:

``createAccount=0-*`` means anyone can create an account while

``freeze=2-58`` means only accounts 0.0.2 to 0.0.58

can issue a freeze transaction on the network (for an upgrade for example)

### **818. By rhysied in the Javascript Channel on 01/18/2023**

best thing to do when you get an error is check the meaning against this list: [https://docs.hedera.com/hedera/docs/hedera-api/miscellaneous/responsecode#:~:text=exceeded%20100%20bytes-,INSUFFICIENT\\_TX\\_FEE,-The%20fee%20provided](https://docs.hedera.com/hedera/docs/hedera-api/miscellaneous/responsecode#:~:text=exceeded%20100%20bytes-,INSUFFICIENT_TX_FEE,-The%20fee%20provided)

basically what it means is the amount of h/tinybars charged for the transaction exceeds the amount you are setting (or the default if you don't explicitly set it). This can happen due to changes in your code (e.g. you change some values, add extra signatures, etc) or it can also happen due to external factors like the price of HBAR changing.

To fix it you need to add ``.setMaxTransactionFee(new Hbar(anAmountInHbarYouAreWillingToPay))``. The idea is that should the price of HBARS drop massively in USD you wont end up draining your account of HBARS because the cost of transactions increased 10x for example (even though the USD cost is the same)

### **819. By RaphaelM#1144 in the Java Channel on 01/18/2023**

Hey ! You can find here the Network Reponse Messages for the token service and their meaning <https://docs.hedera.com/hedera/docs/sdks/tokens/errors>.

In your case when you are transferring your token the sum of the transaction (number of token sent and number of token received) should be equal to zero.

### **820. By craycrayultracontrarian in the Javascript Channel on 01/17/2023**

Hello everyone

I'm still having this transaction error I wasn't having before, it really just showed up out of nowhere after some time passed. Here is the error :

ReceiptStatusError: receipt for transaction 0.0.47636669@1674014448.524154429 contained error status INSUFFICIENT\_TX\_FEE

at new ReceiptStatusError (C:\Users\born2die\Documents\RENAISSANCE\coding\my-code\hello-hedera-js-sdk\node\_modules\@hashgraph\sdk\lib\ReceiptStatusError.cjs:45:5)

at TransactionReceiptQuery.\_mapStatusError  
(C:\Users\born2die\Documents\RENAISSANCE\coding\my-code\hello-hedera-js-sdk\node\_modules\@hashgraph\sdk\lib\transaction\TransactionReceiptQuery.cjs:326:12)

at TransactionReceiptQuery.execute  
(C:\Users\born2die\Documents\RENAISSANCE\coding\my-code\hello-hedera-js-sdk\node\_modules\@hashgraph\sdk\lib\Executable.cjs:690:22)

at processTicksAndRejections (node:internal/process/task\_queues:96:5)

at async TransactionResponse.getReceipt  
(C:\Users\born2die\Documents\RENAISSANCE\coding\my-code\hello-hedera-js-sdk\node\_modules\@hashgraph\sdk\lib\transaction\TransactionResponse.cjs:100(:)

[parenthesis cuz of discord emoji] 21)

at async main (C:\Users\born2die\Documents\RENAISSANCE\coding\my-

```
code\hello-hedera-js-sdk\ee-testing.js:58:20) {
 status: Status { _code: 9 }, (cont.)
```

and here is the code it refers the error to:

**821. By Cyp#7667 in the Developer General Channel on 01/17/2023**

Yes - my DAPP stopped working when the issue happened, and it still isnt working - let me keep digging

**822. By Ik#8025 in the Java Channel on 01/17/2023**

Who can help. What does this error mean "TRANSFERS\_NOT\_ZERO\_SUM\_FOR\_TOKEN"?

**823. By AbsolutelyNot#3226 in the Developer General Channel on 01/17/2023**

It should be. You seeing an issue ?

**824. By deejay0076 in the Smart Contracts Channel on 01/17/2023**

^^ can I bump this query again, is there anyway to know if the functions in the latest pre-compile are 'safe' to use to avoid these 'Not\_Supported' errors? I can work around it however would like to ask plan to keep in sync with the upgrade path where I can.

**825. By Cyp#7667 in the Developer General Channel on 01/17/2023**

does anyone know if the GRPC issue is 100% sorted yet?

**826. By .solanian in the Developer General Channel on 01/16/2023**

Fix this if you want that people use it

**827. By jaycoolslm in the Token Service Channel on 01/15/2023**

So yeah, same error is persisting - any insight would be great!

**828. By jaycoolslm in the Token Service Channel on 01/15/2023**

Every other type of token transaction, eg. update custom fees, mint, burn, kyc etc I am able to .fromBytes() but it is specifically this TokenUpdateTransaction which is causing a bug. And the error only occurs when trying to update a certain key

**829. By jaycoolslm in the Token Service Channel on 01/15/2023**

I'm having an issue specifically with converting a TokenUpdateTransaction from Bytes. I believe my function used to work, though now it is causing this error

**830. By cm74#4165 in the Javascript Channel on 01/15/2023**

Hello! I trying to connect a website with a wallet and I am following the instructions of hashconnect.

I end up to this error: Uncaught SyntaxError: Unexpected token ':'

Could you help me, what does it mean ? How do I handle it?

The error comes from this code :

```
let appMetadata: HashConnectTypes.AppMetadata = {

 name: "dApp Example",
 description: "An example hedera dApp",
 icon: "https://127.0.0.1/staticfiles/images/img.png"
}
```

**831. By entreken in the Developer General Channel on 01/13/2023**

Hi there, I was reading the white papers listed on <https://hedera.com/papers>, and out of curiosity tried to verify by pulling up the proof on ProvenDb as linked, but I'm getting an error that I need to be logged in to view the file.

Shouldn't the proofs be public?

ProvenDB link: <https://app.provendb.com/app/document/share/eee4fdb1c855ddf71d896cefaf983d5b39cb03d23128b8097c000800c6e655c204891076d11555d6141ffe6c47d586a5d5fbba857612b0e9f10808772fb71bb3c45883fdc0ca932083330ad8654d67dd47749b09ac6275e648aa0e0c044e2f43ad2c3216073f8ac1ace0bcfb1568929ff5a760e584f9f149b5f19f18de9c03d72c5c3a492ac760f1e525359503e76f/compliance>

> You must be logged in to ProvenDB to view a shared file.

**832. By ed.marquez in the Consensus Service Channel on 01/13/2023**

An update was provided in the #-mirror-node channel:

[https://discord.com/channels/](https://discord.com/channels/373889138199494658/616725704284962837/1063529959110483998)

[373889138199494658/616725704284962837/1063529959110483998](https://discord.com/channels/373889138199494658/616725704284962837/1063529959110483998)

It was a temporary issue and should be addressed now.

The testnet mirror node outage was also shown in

the status page: <https://status.hedera.com/> I always keep an eye on that page just in case.

**833. By kebz. in the Developer General Channel on 01/13/2023**

I am staking hbarX via hashpack, i think im doing something wrong somewhere and were about to find out

**834. By nigeltcreator in the Developer General Channel on 01/13/2023**

Anonymous? I thought that semi-permissioned nodes will be first one to ship. Perhaps I was wrong?

**835. By supremax67 in the Developer General Channel on 01/13/2023**

Pure logic dictates that they constantly have network issues on Bitcoin, they are just not transparent about it.

Where's that logic coming from? Failure rates. Everything and anything since the beginning of time has a failure rate. Multiply that failure with the number of nodes or based of operations and I guarantee there's something breaking on Bitcoin network, every day.

Law of averages dictates it so.

**836. By supremax67 in the Developer General Channel on 01/13/2023**

Bitcoin nodes goes offline all the time, just look at the inconsistent hash power. Let's not pretend Bitcoin not having any issues, shall we?

**837. By jaycoolslm in the Token Service Channel on 01/13/2023**

And yeah I have the graphql query set up but there was some error so i just stopped looking at that will give it another try as well tbh

**838. By 0xmasala in the Developer General Channel on 01/12/2023**

1. Who should I contact if I use hashport and my funds get stuck? I see lots of messages



from people with that same issue in this discord but no one points them to any support channel.

The only place I can see where to contact hashport is their contact form.

2. Is the hashport team anon or where can we see details of the team members?

3. What kind of relationship do the Hedera and Hashport teams have?

4. Is there a hashport dashboard where we can see liquidity and other stats?

**839. By nubeasado in the Developer General Channel on 01/12/2023**

hashport is okay, haven't seen any major issues with it tbh

**840. By Inas B#4844 in the Developer General Channel on 01/12/2023**

May I know please about hashpack address appended letters at the end of each wallet , as when trying to send or receive hbars using the full address it appears to be wrong, but when excluding the letters, it works.

So I'm wondering what that extra part is for?

**841. By Danik#6464 in the Java Channel on 01/12/2023**

<https://stackoverflow.com/questions/69587986/getting-transaction-oversize-error-when-submitting-a-transaction-on-the-hedera-n>

**842. By equa.forever in the Developer General Channel on 01/12/2023**

It is just the numbers.

I have faced the error before because an automatic space was getting added after entering the wallet id

**843. By equa.forever in the Developer General Channel on 01/12/2023**

That should resolve the error!

**844. By ROME | ENIGMA 42#2039 in the Developer General Channel on 01/12/2023**

Guys, Im spending Hbar from Binance to hashpack but when I enter wallet address binance says unrecognised format, is there an issue?

**845. By AbsolutelyNot#3226 in the Developer General Channel on 01/11/2023**

This should be taken care off.

<https://github.com/hashgraph/hedera-sdk-js/issues/1342>

**846. By AbsolutelyNot#3226 in the Developer General Channel on 01/11/2023**

There were two, now there should be +24 proxies.

This may help.

<https://github.com/hashgraph/hedera-sdk-js/issues/1363>

**847. By AbsolutelyNot#3226 in the Developer General Channel on 01/11/2023**

This should help with some of the issues.

<https://github.com/hashgraph/hedera-sdk-js/issues/1362>

**848. By teacoat in the Developer General Channel on 01/11/2023**

props where they are due, when i have an issue the launchbadge people are generally very helpful

**849. By teacoat in the Developer General Channel on 01/11/2023**

the most ive been able to get is this grainy screenshot, the error is sporadic and most users hitting it arent the most tech savvy

**850. By teacoat in the Developer General Channel on 01/11/2023**

>despite the warning signs, like the infamous HashPack "{}" error

I have been trying to recreate and debug this for months -\_-

**851. By bugbytes in the Developer General Channel on 01/11/2023**

Short answer: "It hasn't broken yet, we didn't know".

Longer answer: there is no pressure on the JavaScript SDK to build a more resilient system until now because it hasn't broken this badly for a couple of years. The history of development appears (from the outside) to be whack-a-mole as problems come up. In part, because hedera is adding features to the network faster than the devs can keep up, and they appear to be only paying for new features to be added. So, if you look back in history on the JS sdk, they got it working "well enough" with the single proof-of-concept web rpc setup for myhbarwallet (by launch badge at the time)....basically since it worked well enough (despite the warning signs, like the infamous HashPack "{}" error) nobody really realized there was a problem, until the house of cards fell.

Also, there are few organizations out there that are willing to step up and provide mirror node & web rpc endpoints, this exacerbates the problem. If there were robust and plentiful alternatives out there, there would be more pressure from us, the community, demanding that hedera instruct the official SDK developers to make it easier for us to leverage these services.

**852. By teacoat in the Developer General Channel on 01/11/2023**

its a bit more complicated than that - only apps using the javascript sdk were affected, the network itself is running fine its just the road leading to it for most retail-facing apps is experiencing issues

**853. By nubeasado in the Developer General Channel on 01/11/2023**

SaucerSwap was using the grpc, although switched after errors to query the mirror node directly

**854. By evilmorty.hbar in the Developer General Channel on 01/11/2023**

Can someone please explain the exact reason behind this failure? How can so many dApps fail due to this seemingly single/trivial issue?

**855. By dm6713 in the Developer General Channel on 01/11/2023**

if you have ledger you can't stake, do you plan to fix this? you are encouraging not to use cold wallet

**856. By deejay0076 in the Smart Contracts Channel on 01/10/2023**

I have seen in the repo there is a testcase so I assumed the method works and th error is on me but i can't seem to make it run

**857. By deejay0076 in the Smart Contracts Channel on 01/10/2023**

If I get a 'NOT\_SUPPORTED' error on testnet is that on me (bug) or the network?

Trying to update my staking method for NFTs. The current one uses v3.0 of the cryptoTransfer() method that only took TokenTransferList[] as an argument. Now the signature has been adjusted to allow hbar transactions too (TransferList, TokenTransferList[]), but when I try and use that passing in an empty TransferList struct and or initiating and setting the transfers attribute to an AccountAmount[] (0) I get the 'NOT\_SUPPORTED' error.

I was hoping to upgrade to the latest precompiles for good hygiene, but if I need to downgrade again, for now, would be good to know. Thanks!

**858. By .jjuneau in the Developer General Channel on 01/10/2023**

Can anyone here provide me with any information on what to do when a custom account is added with the wrong decimal places?

Ideally, how to fix.

**859. By \_gnirps in the Consensus Service Channel on 01/10/2023**

Thanks for your reply. By saying "stuck" I mean the app is not receiving any response at all, neither successful, nor with error. It's just continues to wait for forever. I've tested the app on production and locally, so I don't think this is somehow related to the network issues.

**860. By teacoat in the Developer General Channel on 01/10/2023**

there are some issues with the network right now, i'd wait and try again once those are resolved

**861. By bugbytes in the Consensus Service Channel on 01/10/2023**

Is it eventually throwing any error? When you say "stuck" is this with sending consensus messages or they are not showing up if you're listening for them?

**862. By vladadam. in the Developer General Channel on 01/10/2023**

Yes, sorry for being in the wrong place! Thanks

**863. By vladadam. in the Developer General Channel on 01/10/2023**

Hello,

I'm having an issue trying to create a wallet on desktop on through the app. « Failed to sync wallet » once I've clicked on the verification email. Any help?

Thanks a lot!

**864. By ssl7354 in the Developer General Channel on 01/10/2023**

So whats going on with this grpc proxy issue? Single point of failure as SauceSwap nothing works...?

**865. By hemant4832 in the Smart Contracts Channel on 01/10/2023**

Hi Everyone, i am trying to do a approved transfer from smart contract But this gives me error that spender does not have enough allowance. I double checked we do have allowance

[https://hashscan.io/testnet/transaction/1673338881.922853773?  
tid=0.0.49226051-1673338870-448339260](https://hashscan.io/testnet/transaction/1673338881.922853773?tid=0.0.49226051-1673338870-448339260)  
Can someone help me what i am doing wrong

**866. By kiwee4507 in the Developer General Channel on 01/10/2023**

Any issue with mirror node or sth?

**867. By Michael Garber#5033 in the Java Channel on 01/09/2023**

That issue may result from using symlinks for the resources directory since it was essentially a copy and paste of the resources directory elsewhere in the project. If you remove that symlink and copy/paste the resources directory from main then it should resolve

**868. By bugbytes in the Smart Contracts Channel on 01/09/2023**

Saw some query rejections about the same time "Network Changed Price of Query ...." starting to wonder if there's a concurrency issue going on.

**869. By bugbytes in the Smart Contracts Channel on 01/09/2023**

Not sure if its related, but saw low level gRPC connection errors on \*testnet\* early this morning.

**870. By Eileenie#8213 in the Consensus Service Channel on 01/09/2023**

Thank you and yes. Fixed by changing protection. Getting a new error for peer0.org1: "...chaincode install failed with status 500 - failed to invoke bacing implementation of 'InstallChaincode': could not build chaincode: docker build failed..."

**871. By Michael Garber#5033 in the Consensus Service Channel on 01/09/2023**

This is an error from hyperledger, is your GOPATH set correctly? [https://www.edureka.co/  
community/29610/hyperledger-fabric-create-channel-channel-creation-failed](https://www.edureka.co/community/29610/hyperledger-fabric-create-channel-channel-creation-failed)

**872. By Eileenie#8213 in the Consensus Service Channel on 01/09/2023**

For the hyperledger pluggable hcs tutorial, when executing the byfn script, I get the an error message: "Cannot run peer because error when setting up MSP of type bccsp from directory /opt/gopath/src/github.com/hyperledger/fabric/peer/crypto/ordererOrganizations/example.com/users/Admin@example.commsp: KeyMaterial not found in SigningIdentityInfo". Any help would be greatly appreciated.

**873. By Eileenie#8213 in the Consensus Service Channel on 01/09/2023**

For the hyperledger pluggable hcs tutorial, when executing the byfn script, I get the an error message: "Cannot run peer because error when setting up MSP of type bccsp from directory /opt/gopath/src/github.com/hyperledger/fabric/peer/crypto/ordererOrganizations/example.com/users/Admin@example.commsp: KeyMaterial not found in SigningIdentityInfo". Any help would be greatly appreciated.

**874. By supremax67 in the Developer General Channel on 01/09/2023**

@Deleted User Why would he be getting error messages using a function that he can't find?

**875. By Deleted User in the Developer General Channel on 01/09/2023**

Are you getting any message error when doing that ? @Lapirow

**876. By craycrayultracontrarian in the Javascript Channel on 01/08/2023**

Thank you so much, this discord has provided so much help to me in the past couple months. I hope everyone had happy holidays especially the kind people who help beginner coders like me with their errors.

**877. By craycrayultracontrarian in the Javascript Channel on 01/08/2023**

all other elements of my code are accounted for, I made the operator and treasury accounts the same because why not and it 10k hbars on it, I made accounts for bob and alice, everything is testnet. I had a custom script written to create NFTs that was working until recently I started getting transaction receipt errors (code 9 on my custom code) so I tried the documentation code to see if it was just me

**878. By craycrayultracontrarian in the Javascript Channel on 01/08/2023**

getting a weird error with transaction ids on javascript when trying to run the code I found on hedera's documentation here <https://github.com/ed-marquez/hedera-sdk-js/blob/main/examples/hts-nftP1-fee-create-mint-burn-associate-transfer.js#L1> gives ReceiptStatusError: receipt for transaction 0.0.47636669@1673183610.274181349 contained error status INSUFFICIENT\_TX\_FEE status: Status { \_code: 9 } and this other code I found in documentation gives a similar error; <https://docs.hedera.com/hedera/getting-started/try-examples/create-and-transfer-your-first-nft> ReceiptStatusError: receipt for transaction 0.0.47636669@1673182222.945957346 contained error status INVALID\_ACCOUNT\_ID (Status { \_code: 15 })

**879. By Greg Scullard#5365 in the Javascript Channel on 01/07/2023**

Besides the additional error logging, it won't affect the sdk's operation. I don't recall the specific method but you can increase the delay between attempts to reduce the log output. Something like .setNetworkUpdate or .setAddressBookUpdate and specify milliseconds between updates. The current frequency is way too high in any case.

**880. By Shiko#7935 in the Smart Contracts Channel on 01/07/2023**

hello,  
im using HTS on solidity to create a fungible token,  
calling the function "HederaTokenService.createFungibleToken(myToken, supply, 8);"

this always gives me this error "INSUFFICIENT\_TX\_FEE"

i tried multiple ways, i gave the contract some hbar, set the default max tx fee to 1000Hbar, it always throws this error,  
im stuck at this if anyone can give me more insight i'd appreciate it .

**881. By evilmorty.hbar in the Javascript Channel on 01/06/2023**

Hey team,  
So I have this tested script which has the ability to airdrop NFTs and it was working fine with all the collections except for this one collection. When I'm trying to send NFTs of this particular collection, I'm getting the error "ACCOUNT\_KYC\_NOT\_GRANTED\_FOR\_TOKEN".  
My questions are:

- What would possibly be the reason for this?
- How can I fix this exact error in the sending script?

I did a search in this server but couldn't find a solution on what's the fix for this  
TIA

**882. By hbarro#3150 in the Developer General Channel on 01/06/2023**

I wasn't doubting your information, and I am glad you did, for clarity purposes, which I am grateful. Unfortunately information in the wrong hands can be dangerous. I hate to see corporations be corrupted and it effects the mass population. I think it is important to play Devil advocate and try to find flaws. It can only make benefit in the long run. @ glad to be able to chat with you. #HelloFuture

**883. By johnda98 in the Token Service Channel on 01/06/2023**

oooooh... the mass confusion of definition and semantic usage of the limited words 'price' & 'value'...

.. as the great Pirsig Zen Allen stated.. do try to forget any attachments of word's 'meanings'..

... 'attachments' only lead to pain and sickness.

**884. By Oxacegravityone in the Javascript Channel on 01/06/2023**

I read this issue tag, I'm getting the same error however for mainnet mirror node connections, not preview net. any idea what the solution here looks like? thanks in advance

**885. By mr.milkshake in the Java Channel on 01/06/2023**

hey i downloaded the SDK from the gethub but keep getting this error

**886. By vishaloneto11#5548 in the Token Service Channel on 01/06/2023**

@JeromeTHA can you tell me why it run intially after that it give error

**887. By vishaloneto11#5548 in the Token Service Channel on 01/06/2023**

while minting i get this error

**888. By vishaloneto11#5548 in the Token Service Channel on 01/06/2023**

ReceiptStatusError: receipt for transaction 0.0.48939753@1672982820.177636798 contained error status INSUFFICIENT\_TX\_FEE

**889. By SubparAtBest#5940 in the Developer General Channel on 01/05/2023**

I had an issue with that and fixed it by adding a maxTransactionFee

**890. By jaycoolsIm in the Token Service Channel on 01/05/2023**

So regarding my Q earlier about this error when building a CreateTokenTransaction: Ive realised that it is because I am adding ECDSA type keys as the keys. On the docs it says that there is a PublicKey.fromStringECSDA() method but I think this has been depreciated as it is not in my sdk. Regardless, is there a way of converting it to its relevant Ed25519 key? The .fromString() method does work in correctly create it in the PublicKey type. Just doesn't allow me to build the transaction with it. Im fetching the key from the mirrornode

**891. By vr1587 in the Developer General Channel on 01/05/2023**

not NFT but a contract that is issuer of NFT as far as I understand

**892. By supremax67 in the Developer General Channel on 01/04/2023**

The scary part? There's a 55% chance people are building on the wrong network and they'll find out 3 years later. (Just using the stats )

**893. By vr1587 in the Smart Contracts Channel on 01/04/2023**

this is wrong lol,  $28 * 256b$  or  $28 * 32B$

**894. By johnda98 in the Smart Contracts Channel on 01/04/2023**

good quest.. I return a String array in a new Sc.. made it fixed length at usecase level.. just in case.

**895. By jaycoolslm in the Token Service Channel on 01/04/2023**

Trying to get a TokenCreateTransaction from bytes and getting this error. Anyone familiar with the issue

**896. By deejay0076 in the Javascript Channel on 01/02/2023**

it's a (sad) result of the price of hbar being lower. You happen to have the code snippet that's throwing the error? Assuming it's on the TokenCreateTransaction() you might need to adjust higher the max transaction fee (method shown below) oor if it's not there then add it. Fee free to share the code snip

```
...
.setMaxTransactionFee(XX)
...
```

**897. By cm74#4165 in the Javascript Channel on 01/02/2023**

Hi ! I am following the tutorial Create and Transfer Your First NFT in Hedera's website and I have this error : error status INSUFFICIENT\_TX\_FEE. Any help? What does it mean?

**898. By deejay0076 in the Token Service Channel on 01/01/2023**

If you look in my mint() method you see the cast to IERC721 to check balance and associate. I don't check if that errors (as token associated)

**899. By vr1587 in the Token Service Channel on 01/01/2023**

I want to check if user account is associated with 3 tokens that he might engage with on store page, I thought association would be kind of instant on mirror node, how else would I insure there's not gonna be revert on TOKEN\_NOT\_ASSOCIATED or whatever is that error code

**900. By deejay0076 in the Token Service Channel on 01/01/2023**

I think so - no reason the SC can only issue a single token.

**901. By kantorcodes in the Token Service Channel on 01/01/2023**

Likely when you need this information, the API will be incorrect

**902. By vr1587 in the Token Service Channel on 01/01/2023**

Third question from those working on 1.1.2023 :

Can one SC have 3 Fungible Tokens initialised in it and be an issuer of all if those 3 tokens are basically like a "different lootbox" BUT it has identical functionality

**903. By renchey in the Java Channel on 01/01/2023**

Happy new year Hedera Devs!

Has anyone had any luck with the Hedera auction repo example (<https://github.com/hashgraph/hedera-nft-auction-demo/>) ?

I cannot get the Java node to run! I have matched requirements, tried various versions of Java, Node and Gradle and its still failing to compile!

My errors <https://pastebin.com/9pP2ttpF>. Appreciate any help



## Comments in 2023



**1. By ohm\_pathorn in the Developer General Channel on 08/28/2023**

This looks like an issue on JSON RPC indeed. Could you please create an issue on this repo so the engineering team can take a look? <https://github.com/hashgraph/hedera-json-rpc-relay/issues> Really appreciate your feedback

**2. By reg.cs in the Developer General Channel on 06/23/2023**

Sounds laborious and difficult. Did you get any feedback on these issues from the core developers? Is there anything on the roadmap that will improve the situation?

**3. By bguiz in the Developer General Channel on 06/23/2023**

Hey everyone @here ! There's a brand new **\*\*forum\*\*** for developer questions: <https://discord.com/channels/373889138199494658/1106578684573388900>

We figured that a forum might work better than **\*\*chat\*\*** for certain types of questions, and also make it easier to find answers when someone has asked something similar before.

Thanks @Defigirlxo for setting this up!

Let us know if you have any feedback!

**4. By ohm\_pathorn in the Developer General Channel on 04/13/2023**

agree, thanks for the feedback

**5. By liquidsn4ke in the Smart Contracts Channel on 04/07/2023**

I'd like to also add my feedback to what @0.0.Kyn pointed. My dapp experience is a bit clunky for the moment because there is no way to know if a user approved allowances for all serials for an nft.

For Non Fungible Tokens, looks like the only way to

do it is via [https://testnet.mirrornode.hedera.com/api/v1/accounts/0.0.1792/nfts?](https://testnet.mirrornode.hedera.com/api/v1/accounts/0.0.1792/nfts?token.id=0.0.15634&order=asc)

token.id=0.0.15634&order=asc and look at the spender prop. This seems to only be set if you use the approveTokenNftAllowance and specify a specific NFT serial. If you use the approveTokenNftAllowanceAllSerials the spender is still null for all the nfts

**6. By ohm\_pathorn in the Smart Contracts Channel on 04/07/2023**

Hi @0.0.Kyn, thank you for the feedback. Your voice is heard, and we really appreciate your contribution to our community. I have already passed all the feedback from the community back to our top management. We are working on an announcement and making sure we do whatever we can to make things go smoother and more secure for the ecosystem. For the time being, please let me know if you have any suggestions or ideas. Our top priority is always to make the network safe and secure to use, but we are also aware that user experience is also crucial to network adoption.

**7. By ohm\_pathorn in the Smart Contracts Channel on 04/06/2023**

I agree and understand the pain. Security is always the biggest enemy of usability and convenience. I am trying to give feedback from the community back to the team. Let's hope we find a way to make it easier for developers.

**8. By Michael Garber#5033 in the Developer General Channel on 04/04/2023**

We value this feedback. I think you will be excited about what is to come. Stay tuned

**9. By defigirlxo in the Developer General Channel on 04/03/2023**

I've heard this piece of feedback quite a lot before. This is a good idea

**10. By donravle in the Developer General Channel on 03/13/2023**

thank you for your feedback! I'm actually aware how consensus is working but I was amazed that you can get receipt under 1 second once I started playing with it. I'm hoping that 5 seconds is worst case scenario to get tx receipt. Anyway, you made a nice argument about propagating tx to mirror so maybe that's why we need to wait to a few more seconds. I'll definitely think about it and in the meantime maybe someone who knows for sure can provide definite answer

### **11. By AbsolutelyNot#3226 in the Developer General Channel on 02/24/2023**

The team is looking for feedback to GraphQL API. (<https://github.com/hashgraph/hedera-improvement-proposal/pull/668>)

Let your voices be heard !!

Latest MirrorNode Release notes : <https://docs.hedera.com/hedera/networks/release-notes/mirror-node>

### **12. By Michael Garber#5033 in the Smart Contracts Channel on 02/14/2023**

For the time being there is no way in local node.

There is a issue in services repo, which will fix this <https://github.com/hashgraph/hedera-services/issues/4126>.

Engineering is actively looking at the best way to unblock this. Ill keep you all posted.  
Good to hear this local node feedback, so thank you, as it helps us to prioritize

### **13. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/13/2023**

Thanks for reporting @johnda98 ! Appreciate the feedback.

### **14. By AbsolutelyNot#3226 in the Developer General Channel on 02/10/2023**

Haye, can you DM me what you are trying to accomplish with your own node. As Nick said, we have we initiatives in the pipeline and the feedback will be helpful.

### **15. By MikeM#4800 in the Developer General Channel on 02/07/2023**

Never got a response the first time, anyone have any feedback on this? Anyone using the REST API as shown here <https://docs.hedera.com/hedera/sdks-and-apis/rest-api> for monitoring transaction data? If so I'm trying to retrieve all our transactions and only getting back 24 records yet I know several thousands exist

### **16. By kantorcodes in the Smart Contracts Channel on 02/07/2023**

Thank you! Appreciate the feedback.

### **17. By Michael Garber#5033 in the Smart Contracts Channel on 02/06/2023**

Check out this smart contract starter! The folks over at Lab49 helped us put this together so shout out to them. Feedback is much appreciated. Make an issue or a PR <https://github.com/hashgraph/hedera-smart-contract-starter>

I think it would be good to build this out further and have HTS integrations so people can see how that works out of the box, but let me know what you all think!

### **18. By .alextaylor in the Developer General Channel on 02/06/2023**

why not allow customers to play on testnet, provided it's clear that's what they're doing - testing, feedback, helping to develop a product etc

re testnet reset confusion, wallet ux could be improved by tagging testnet accounts with some kind of refresh id (eg first consensus time of that refresh) and disable or remove old accounts

### **19. By asheoro in the Token Service Channel on 02/02/2023**

there's also another active mirror node issue related to NFT Allowances that i'd love your feedback on.

### **20. By ed.marquez in the Token Service Channel on 01/31/2023**

Hi Justin - that is correct. The existing mirror node API endpoints only show info for hbar and FT allowances.

NFT allowance info is provided individually at the NFT serial # level.

I agree that an endpoint for NFTs may be useful. I remember having this conversation with the team a while back and I believe there was a technical implication that made providing an endpoint for NFTs difficult. Feel free to share your feedback with the team via an issue in the mirror node repo: <https://github.com/hashgraph/hedera-mirror-node/issues>

### **21. By GarySmith | | Don't DM#4478 in the Developer General Channel on 01/24/2023**

@everyone HashPack 5.0.0 launched today, we will have an official announcement of this update soon but you may notice 5 letters after your account id in various places - this is called a checksum and is basically an optional security measure to help make sure people don't send to an incorrect account. It was proposed by Leemon himself in HIP-15 (<https://hips.hedera.com/hip/hip-15>)

You don't need to include this string of characters to send to your account, its just an extra layer for apps that support it. You are free to leave it off if whatever dapp or exchange you are using doesn't support it.

If you are sending a large amount of hbar from one account to another, its useful to include it to make sure you don't miss a number and send 10k hbar to 0.0.1235 instead of 0.0.12345 for example.

We will likely tweak our implementation of it based on user feedback, so let us know if you find this useful (or hate it)

### **22. By ed.marquez in the Smart Contracts Channel on 01/24/2023**

Hi @here - Today at 11:30am EST (in ~50 minutes), we'll be hosting this Info and Q&A session about **\*\*smart contract rent\*\***.

<https://hedera.com/everything-you-wanted-to-know-about-smart-contract-rent-on-hedera>

We'll cover key things to know about rent during the session. However, if you have other questions or feedback on this topic, feel free to share them during or ahead of the session.

Looking forward to seeing many of you there.

### **23. By supremax67 in the Developer General Channel on 01/21/2023**

@Billionaire Guy I cleaned up the chat feedback channel, looks like you were chatting with someone who deleted their comments or got banned. As for reaching out to Hashport, that wouldn't be a feedback question. Feedback is for things within the control of Hedera, Hashport is an independent party.

**24. By ed.marquez in the Smart Contracts Channel on 01/17/2023**

Hi #-smart-contracts - on Tue, Jan 24 (in one week), we'll be hosting this Info and Q&A session about smart contract rent.

<https://hedera.com/everything-you-wanted-to-know-about-smart-contract-rent-on-hedera>

We'll cover key things to know about rent during the session. However, if you have other **\*\*questions\*\*** or **\*\*feedback\*\*** on this topic, feel free to share them ahead of the session (simply respond in a thread).

Looking forward to seeing many of you there.

**25. By AbsolutelyNot#3226 in the Developer General Channel on 01/13/2023**

I would love to get feedback on this. We have community projects using it on production applications and we have few additional features going in next few weeks.

Also, if you have not seen this already

<https://youtu.be/0MSiaTtAvK8>



## Comments in 2023



Hello hbarians!

```
const contract = await ethers.getContractAt("<NAME>", <address>, <wallet>);
const tx = await contract.whateverWithPayment(
 param1,
 param2,
```

```
{
 gasLimit: 2000000,
 value: 100000000000,
}
);```
```

Blockchain explorer are showing me that I'm attaching zero to the call:(  
Seems like "value" just not working for Hedera. Any way to pass HBAR to contract call without SDK?

**2. By ohm\_pathorn in the Token Service Channel on 08/30/2023**

1. Smart Contract is the better solution for locking fund.
2. Yes, feel free to post any questions on Discord.

**3. By aaditya\_62740 in the Java Channel on 08/30/2023**

Can anyone please help me or should I create a new issue on library?

**4. By superdev1114 in the Developer General Channel on 08/29/2023**

Hi, could you help give me some guide to set smart contract as the supply account through sdk?

**5. By superdev1114 in the Developer General Channel on 08/29/2023**

But this is issue on console log, could anyone help me to fix this?

**6. By superdev1114 in the Developer General Channel on 08/29/2023**

@Pathorn , @Greg Scullard

Hi, how are you doing today?

I have one question about calling smart contract using hedera sdk.

**7. By novathemachine. in the Token Service Channel on 08/28/2023**

Thank you for the clarification.

1. Based on your advice, we should proceed with a smart contract? Or there's is another way ?
2. We're particularly interested in technical support. Could you please guide us on the best way to get in contact with the team of developer evangelists and advocates?  
We're eager to move forward and would greatly appreciate any guidance you can provide.

**8. By dnmnmn in the Developer General Channel on 08/28/2023**

Hello,

i have a question,

are on this website ALL Hedera Fees (for queries AND services) listed, or is there more which are not listed here?

<https://docs.hedera.com/hedera/networks/mainnet/fees>

i am asking because i have this list, where there is more Hedera functionality listed, but i dont know if there are fees collected for these functions:

<https://hashgraph.github.io/hedera-protobufs/#proto.HederaFunctionality>



i am working on a model, to calculate all Hedera revenue, thats the background of why i am asking.

Thank you very much guys!

**9. By superdev1114 in the Developer General Channel on 08/28/2023**

Thanks for your support.

**10. By superdev1114 in the Developer General Channel on 08/28/2023**

Could you help me with this?

**11. By ohm\_pathorn in the Token Service Channel on 08/28/2023**

1. No, the scheduled transaction is suitable for this from my perspective as its max validation period is only 30 minutes.
2. If you are looking for technical supports, yes, we have a team of developer evangelists and developer advocates (me a part of the team) to support the community . If you are looking for financial support, you can apply for grant from Hbar Foundation or Hashgraph Association.

**12. By novathemachine. in the Token Service Channel on 08/28/2023**

Thank you for your insights. I'm a blockchain developer working for a startup, and we are interested in utilizing Hedera for our ICO. I have two specific questions:

1. We're planning on having a vesting period for our token. I saw in the documentation that scheduled transactions are possible. Is this the right approach for managing the vesting, or should we go through a smart contract?
2. Is there a specific person or program designed to assist companies in navigating this process with Hedera?

Thank you in advance for your valuable guidance.

**13. By ohm\_pathorn in the Javascript Channel on 08/28/2023**

I have answered your question in another channel. Please do not duplicate your question across channels in the future.

**14. By superdev1114 in the Developer General Channel on 08/26/2023**

@Ed Marquez

Could you help me with above issue?

**15. By superdev1114 in the Smart Contracts Channel on 08/26/2023**

Hi, hope you are doing well.

If you know this error when I mint nft using hedera smart contract, could you please kindly help me solve that?

**16. By ed.marquez in the Smart Contracts Channel on 08/25/2023**

To help illustrate the concept - I can create an HTS NFT without Solidity, just using the Hedera JS SDK. I would still pay the same fee, just via the SDK

**17. By superdev1114 in the Smart Contracts Channel on 08/25/2023**

Can I ask one more question?

**18. By superdev1114 in the Token Service Channel on 08/25/2023**

@here

I have one question.

Why do we need to pay HBAR when we create nft token using hedera token service smart contracts?

**19. By .piyush16 in the Smart Contracts Channel on 08/25/2023**

Hello everyone,

I have one question as is it possible to burn token nft which is owned by contract using SDK Burn method by signing from admin key of contract.

**20. By izzi\_perspective in the Developer General Channel on 08/23/2023**

Does anybody have intermittent java timeout issues when working on testnet I'm using the python wrapper, if that's a helpful clue?

**21. By ohm\_pathorn in the Smart Contracts Channel on 08/22/2023**

Happy to help, feel free to ask any questions

**22. By nigelthecreator in the Smart Contracts Channel on 08/22/2023**

No worries, we'll make a workaround. Appreciate the help @Pathorn I promise I'll (temporarily) stop bugging you. Cheers

**23. By alexrp#0334 in the Developer General Channel on 08/22/2023**

Thanks for the support Pathorn

**24. By defigirlxo in the Developer General Channel on 08/21/2023**

Hi there, at the moment we don't really have office hours, but I would be happy to answer any questions that you have

**25. By samuelnihoul in the Token Service Channel on 08/18/2023**

ah well `setMemo()` does not seem to support emojis as is

**26. By inosuke\_144 in the Developer General Channel on 08/18/2023**

Can any1 help me with this error, keep pop even i'm not using any solidity address in this while calling the function.

**27. By samuelnihoul in the Token Service Channel on 08/17/2023**

Hey how can I put emojis in a tx memo - using the js SDK? Also are emojis supported and well-rendered in NFT names?

**28. By supremax67 in the Token Service Channel on 08/17/2023**

The better question is why should a scam link be left visible?

**29. By nanahashgraph in the Smart Contracts Channel on 08/16/2023**

@Kantorcodes | NFTier Pathorn is correct, we do not yet support debug endpoints. If you want more details on your submitted transaction you can get them on HashScan in the meantime. Just take your txHash or txId and search it on HashScan. You should see the contract results and trace section to give you more info.

**30. By mo5#5957 in the Developer General Channel on 08/16/2023**

i have a question please

is it possible to create a scheduled tx without specifying the sender in TransferTransaction ?

my goal is to create some kind of an invoice that can be paid by anyone

if this is not possible what do you suggest as an alternative

thank you

**31. By ohm\_pathorn in the Smart Contracts Channel on 08/16/2023**

You are right. The current debug methods are not supported yet looking from the source code. <https://github.com/hashgraph/hedera-json-rpc-relay/tree/main/packages/relay/src/lib>

**32. By bahubaish in the Token Service Channel on 08/14/2023**

Hello Team, I am trying to associate Sauce token, but it says insufficient payer balance.

Could anyone help please

**33. By kantorcodes in the Smart Contracts Channel on 08/13/2023**

Good morning! For those who have been playing with the JSON-RPC, have you been able to use truffle to debug transactions with hashio?

eg `truffle debug {txId}`

are the debug methods supported yet?

```
Error: Unhandled error. ({...
 code: -32603,
 message: 'ESOCKETTIMEDOUT',
 data: { originalError: { code: 'ESOCKETTIMEDOUT', connect: false } }
})
```

**34. By ohm\_pathorn in the Java Channel on 08/11/2023**

Thank you for the question. Let's continue this is the ticket you created.

**35. By .maximuslegion in the Developer General Channel on 08/11/2023**

I ask a question above it

**36. By .maximuslegion in the Developer General Channel on 08/10/2023**

Im curious I believe I already have the answer to this question. But let say I have a file with 2500 images. Will each image would be processed as an individual transaction?

Breaking down the amount of data that gets validated in the network?

**37. By supremax67 in the Developer General Channel on 08/10/2023**

@Maximus Legion Might help knowing what you are trying to accomplish. How much data a mirror node stores is up to the mirror node host.

**38. By .maximuslegion in the Developer General Channel on 08/10/2023**

Question in relation to mirror nodes what is the maximum capacity of storage a single mirror node would have. And what would it happen in the case of data that have a size up in the 5GB+?

**39. By ohm\_pathorn in the Developer General Channel on 08/10/2023**

I think block gas limit is not transaction gas limit. You have to find a way to increase your gas limit. What tool are you using? Take a look the example of ethersjs here <https://stackoverflow.com/questions/70622074/set-gas-limit-on-contract-method-in-ethers-js>

**40. By ohm\_pathorn in the Javascript Channel on 08/10/2023**

Yes you have to increase the gas limit. Hardhat is utilizing `ethersjs`. Please take a look at this topic <https://stackoverflow.com/questions/70622074/set-gas-limit-on-contract-method-in-ethers-js>

**41. By .maximuslegion in the Developer General Channel on 08/10/2023**

Hi im new here just have a simple question. When building an application how much level of privacy can be implemented utilizing hcs?

**42. By ohm\_pathorn in the Javascript Channel on 08/09/2023**

I have answered you in #support channel. Please do not cross post the same question in the future to save the effort

**43. By ohm\_pathorn in the Developer General Channel on 08/09/2023**

Hi @Cove, I got your question. You can do that but you have to write a script to delete selected NFTs by yourself unfortunately since Mintbar does not support it at the moment. However, you can create an issue to request this feature on this git repository <https://github.com/hashgraph/hedera-nft-minter/issues>

**44. By covellite. in the Developer General Channel on 08/08/2023**

Hello! New here and new to Hedera and the whole NFTs experience.... Was hoping I could get some help? My very first try at the minting process, using mintbar, I minted 5 of the same token in the same collection. Is there a way to delete 4 of them and reopen those 4 tokens in this collection without having to delete everything in the collection? Hoping someone understands what I am asking

**45. By blockchaindev in the Developer General Channel on 08/08/2023**

@jaycool Yea would be more than happy to help you.

**46. By OXanon in the Smart Contracts Channel on 08/05/2023**

@jaycool

Can you help me with this?

**47. By johnda98 in the Token Service Channel on 08/02/2023**

noob question.. whats the upper limit on HTS FTs ? java long ? .. I cant read Docs I'm british. @Michael Garber

**48. By jaycoolslm in the Smart Contracts Channel on 08/02/2023**

I believe it will be either one of two things:

1. In the HTS side of things, you have too low a transaction fee set on the operator. This can be increased with `Client<network>.setDefaultMaxTransactionFee()`

<https://docs.hedera.com/hedera/sdks-and-apis/sdks/client#3.-additional-client-modifications>

2. There is insufficient hbar in the SC to execute the function you want. This can be increased by sending more via ``setPayableAmount(<HBar>``

<https://docs.hedera.com/hedera/sdks-and-apis/sdks/smart-contracts/call-a-smart-contract-function>

Hope that helps!

**49. By gomesdanielm in the Smart Contracts Channel on 08/02/2023**

Hello

I'm having issues reading a smart contract function in Testnet using ContractCallQuery, from the Java SDK.

It always responds with INSUFFICIENT\_TX\_FEE.

I tested a couple of times in Mainnet and it was working, so I'm at loss on what to do here. Anyone can help?

**50. By Rahul (co-founder)#0763 in the Token Service Channel on 08/01/2023**

@channel Please help NO\_REMAINING\_AUTOMATIC\_ASSOCIATIONS

**51. By dragon4s in the Developer General Channel on 08/01/2023**

Doing the mirror node setup.

Have few questions:

1. Can I setup my own bucket storage of all the data instead of pulling from Hedera?

2. Any approx storage size which is streamlined the very first time for Testnet and Mainnet.

**52. By hemant4832 in the Javascript Channel on 08/01/2023**

Can anyone please help

**53. By Rahul (co-founder)#0763 in the Token Service Channel on 07/31/2023**

Please help

**54. By yonac1#9688 in the Smart Contracts Channel on 07/30/2023**

Yes, we have a server which gets rest requests and does the smart contract functioning, but from what I saw on hashconnect and Hashpack you trigger the function from the front end, from where the wallet connection is processed. My question is how can we integrate between them so it be on our server on the backend but with functioning of visibility on gui of the hashconnect Hashpack

**55. By ohm\_pathorn in the Smart Contracts Channel on 07/29/2023**

Can you elaborate more on your question?

**56. By yonac1#9688 in the Smart Contracts Channel on 07/28/2023**

Hey guys, I have a question. We developed a server which inside it the smart contracts will be triggered when we call specific route and add in the body the parameters. We want to integrate the Hashpack hashconnect and the connection of the wallet that we already

built in the front end with the server. Is it possible to do that? What is the best way to solve the problem?

**57. By jaycoolslm in the Token Service Channel on 07/27/2023**

https:// is definitely supported

**58. By samuelnihoul in the Token Service Channel on 07/27/2023**

## Hey, do you support the gs:// protocol for NFT metadata and images?

**59. By Planet 9#3285 in the Smart Contracts Channel on 07/26/2023**

Hi I am working currently with Smart Contracts and I have an important question whenever we are querying a contract every time I query we are paying gas fees plus query fees and whenever we are running a complete decentralized app this gets a bit expensive to use and work with is there a solution we can work out on it?

**60. By bguiz in the Developer General Channel on 07/26/2023**

You can do this in a couple of different ways:

(1) manually:

The `Input - Function & Args` of you transaction is

[illegible]

Take the 1st 4 bytes of that, `0xd3ff7174`, and that is your function

identifier. If you hash the function signatures for the functions in the

ABI, you'll know which ones were called. Subsequently, you can use those

functions parameters to decode the input parameters, which in this case are

[illegible]

(2) with a ledger explorer that supports smart contract verification:

a developer (or anyone with access to the code of the smart contract, and the compiler settings) can upload the original source code, and subsequently, the explorer is aware of its ABI. The explorer will then be able to parse function calls and event logs, without you needing to perform those steps manually. this feature is not yet available on hashscan, unfortunately.

**61. By sabyaaaa in the Developer General Channel on 07/25/2023**

Hi guys, does hedera support cross border payment like ripple or stellar?

**62. By deejay0076 in the Smart Contracts Channel on 07/24/2023**

been a while since i had time to hang out here...

I can't see why it would not be useable if you are using ERC721 deployments.

Or is your question will it get called when an HTS token is sent somewhere?

**63. By crypto.sheraz in the Smart Contracts Channel on 07/24/2023**

Is there any admin who can help?

**64. By ohm\_pathorn in the Developer General Channel on 07/24/2023**

You can do that right now because Hedera supports multisig natively. You can ask a user to sign a transaction and then use a payer account to sign the same transaction and pay for the transaction fee.

**65. By .promaker1 in the Developer General Channel on 07/23/2023**

Hi all!

Just recently joined the Hedera dev community. Does anybody know if Hedera is planning to support the account abstraction (an equivalent of ERC-4337 in Ethereum)?

**66. By muhammadhakim. in the Developer General Channel on 07/22/2023**

Hey guys, can someone help me, I cant stake my hbar with hashpack.

**67. By jaycoolslm in the Javascript Channel on 07/21/2023**

These may help

**68. By bugbytes in the Developer General Channel on 07/21/2023**

[admittedly, with respect to the original question, I've used the @noble/ed25519 and other key type libraries to sign arbitrary data]

**69. By .0xvaibhav in the Developer General Channel on 07/21/2023**

Hey I am using the public json rpc url `https://mainnet.hashio.io/api` in my dapp for ethersjs but it stopped working all of a sudden. I am stuck here from a very long time and couldn't seem to find any alternative of this rpc url. Can someone help me here

**70. By crypto.sheraz in the Smart Contracts Channel on 07/20/2023**

Any help on this?

**71. By bugbytes in the Smart Contracts Channel on 07/20/2023**

Ok, drop the shoe please, I've seen this question asked by everyone in every single channel now

**72. By ohm\_pathorn in the Developer General Channel on 07/20/2023**

It's the same codebase. The local network is designed to be used for the development but not recommended to be run as a production as we don't have official support for that.

**73. By itz\_shubh\_111 in the Smart Contracts Channel on 07/19/2023**

Hellow guys help me to create a token swap exchange in hedera, you can transfer the token to smart contract for number of Hbar , any body buy the token from SC by paying that amount of HBar , if no body buy it owner can take his token back from contract at any time , you can also mention any related articles , thnak you in Advance

**74. By bguiz in the Developer General Channel on 07/19/2023**

We have a developer helpdesk, which uses a forum format (instead of chat): <https://discord.com/channels/373889138199494658/1106578684573388900>

Check it out if you've yet to!

☆ Here's the latest Q&A on it: <https://discord.com/channels/373889138199494658/1106578684573388900/threads/1131111148012445726> (x-post from Stackoverflow)

**75. By yahoo1211 in the Developer General Channel on 07/14/2023**

Hello,

I'm trying to build this Hedera SDK on my Ubuntu system, but I'm getting an error. Could you help me?

<https://github.com/hashgraph/hedera-sdk-cpp>

**76. By supremax67 in the Token Service Channel on 07/13/2023**

@rbair You should tag the person who asked the question

**77. By rbair in the Developer General Channel on 07/13/2023**

We do not yet have support to bootstrap a node from mainnet state in this manner. For development, this would be very cool (and something we have discussed a lot), but depending on the use case, maybe in a more efficient way than copying the entire mainnet state down. The state includes the address book, and whatever node you are trying to bootstrap would be in a different network -- different nodes, different key, etc. Plus you won't have keys for 0.0.2 or other important accounts -- if that is needed for whatever testing you are doing.

The mainnet state can be reconstructed using the blockchain history (record stream files), but this will be a lot of work. Definitely possible! But only if you are very determined.

**78. By ohm\_pathorn in the Token Service Channel on 07/12/2023**

That's a good question. I am not sure. Normally the sender will pay for the transaction fee.

**79. By cryptoroshan in the Developer General Channel on 07/11/2023**

Is there someone that can help me with moonpay api?

**80. By crypto.sheraz in the Javascript Channel on 07/08/2023**

Can anyone help?

**81. By anurag5210 in the Developer General Channel on 07/07/2023**

Hi @Kuzey you can find it in hedera docs <https://docs.hedera.com/hedera/sdks-and-apis/sdks/readme-1/custom-token-fees> . I tried to implement this solution on testnet but after successful transaction transfer to fee schedule account doesn't happen. If someone else worked on this please help.

**82. By ku.zey in the Developer General Channel on 07/07/2023**

Hi everyone,

Where can I find information about implementing custom fees on top of the Hedera network fee for dapps, etc. ?

Please let me know or tell me who I can contact for questions like these?

Thank you,  
Kuzey

**83. By ohm\_pathorn in the Developer General Channel on 07/07/2023**

Hi @Princy\_Care, could you please elaborate more on the question? Do you get any error?

**84. By .kwag in the Developer General Channel on 07/07/2023**

Hi people. I have a questions. Is there any app already created on the Hedera network that works the same or similar to what NKN's "nkn-tunnel" provides? This is a tool that allows anyone to talk via TCP connections, P2P and fully encrypted between clients/servers. If there is not, is there an API that can be used to program and then do something similar? Thanks!



**85. By MichaelWang#2574 in the Javascript Channel on 07/07/2023**

@Pathorn @pwoosam.hbar[a.boo] , Could you help me for above things?

**86. By MichaelWang#2574 in the Javascript Channel on 07/06/2023**

I hope you help me for this issue.

**87. By karabasina in the Developer General Channel on 07/05/2023**

as you see there is 2) point with question I asked about usage of smart contract in order to achieve my goal

1) We can charge a fee when transferring fungible or nft as described here - <https://docs.hedera.com/hedera/sdks-and-apis/sdks/readme-1/custom-token-fees>. Is it possible to add a custom fee when sending a message since we have to pay network fees with the hbar token (fungible transfer in some way) or is it not possible since paying network fees is not the same as transferring?

2) If I create a smart contract with a sendMessage function that will receive the parameters needed to send a message and will be payable so I can charge additional commission, is it possible to send a message from this contract or is it only possible using the sdk?

3) Is it possible to use a nested transaction (described here <https://docs.hedera.com/hedera/core-concepts/transactions-and-queries>) to send a message and charge an additional fee?

4) Same as in point 3, but with batch csv transactions (described here <https://docs.hedera.com/hedera-transaction-tool-demo/sign-transactions/multiple-batch-transactions>)?

**88. By karabasina in the Developer General Channel on 07/05/2023**

so is there someone who can actually help me with this issue or someone who is hedera developer?

**89. By karabasina in the Developer General Channel on 07/05/2023**

Can you point me to someone who can help me with?

**90. By karabasina in the Developer General Channel on 07/05/2023**

first of all thank you for this advise, I really appreciate your help. By sending a message I mean your consensus service that allows to send messages between users - <https://docs.hedera.com/hedera/sdks-and-apis/sdks/consensus-service/submit-a-message>. I thought I made it clear describing what I am trying to do by telling you my end goal that is send a message (hedera consensus service gives us this opportunity) and charge user when he sends it with additional amount of hbar by only asking to sign/accept 1 transaction

**91. By karabasina in the Developer General Channel on 07/05/2023**

Hi, I would like to clarify some thoughts on being charged extra fees when sending a message. maybe this questions is not for you, but can you redirect them so someone who will be able to help, because I couldn't find exact information on this topic, so I found 4 hopefully possible solutions:

1) We can charge a fee when transferring fungible or nft as described here - <https://docs.hedera.com/hedera/sdks-and-apis/sdks/readme-1/custom-token-fees>. Is it possible to add a custom fee when sending a message since we have to pay network fees with the hbar token (fungible transfer in some way) or is it not possible since paying network fees

is not the same as transferring?

2) If I create a smart contract with a sendMessage function that will receive the parameters needed to send a message and will be payable so I can charge additional commission, is it possible to send a message from this contract or is it only possible using the sdk?

3) Is it possible to use a nested transaction (described here <https://docs.hedera.com/hedera/core-concepts/transactions-and-queries>) to send a message and charge an additional fee?

4) Same as in point 3, but with batch csv transactions (described here <https://docs.hedera.com/hedera-transaction-tool-demo/sign-transactions/multiple-batch-transactions>)?

**92. By teacoat in the Developer General Channel on 07/05/2023**

if I downgrade the sdk I get this error on this line, if that helps narrow it down at all

**93. By ohm\_pathorn in the Developer General Channel on 07/05/2023**

Ok I saw that you posted the question in help desk. Let's continue our conversation there

**94. By ohm\_pathorn in the Javascript Channel on 07/04/2023**

Please don't duplicate the questions across channels.

**95. By jaycoolism in the Developer General Channel on 07/04/2023**

There is a comment in the tooltip that it 'doesn't support signing on demand' Not really sure what that means though tbh

**96. By akihiko7777 in the Developer General Channel on 07/04/2023**

Hi guys, I need help using hashconnect with nuxt3

**97. By niknov in the Developer General Channel on 07/04/2023**

Hola guys!

Along with Parity and 1inch, we are hosting a cross-ecosystem event to exchange experiences in grants, treasury, and support. At the moment, with 1inch, Lido, Parity, SAFE, and Dfinity, we will discuss issues such as team selection, methods of monetary and non-monetary support for projects, and the interplay between VC and treasury. Thus far, attendees include Polygon, Aragon, Astar, Blockscout, Just Open Source, VIA, Gearbox, and many others.

I'll be happy to have Hedera as well. What is the best channel to connect with the grant/bd team?

**98. By .bberta in the Smart Contracts Channel on 07/03/2023**

Hi

I am trying to deposit into SC some funds that are ERC20 tokens.

The method looks like this:

```
...
constructor(address _usdc) {
 usdc = _usdc
```

```
}
function deposit(int64 amount) external onlyAdmin {
 int response = HederaTokenService.transferToken(usdc, msg.sender, address(this),
amount);
 require(response == HederaResponseCodes.SUCCESS, "Transfer failed");
}
...
}
```

And of course I have this error: `Error: transaction failed [ See: [https://links.ethers.org/v5-errors-CALL\\_EXCEPTION](https://links.ethers.org/v5-errors-CALL_EXCEPTION) ]`

Can someone help what am I doing wrong here?

**99. By bguiz in the Developer General Channel on 06/30/2023**

in addition to @Pathorn 's answer, another way is if the explorer supports smart contract verification.

e.g. similar to Etherscan on Ethereum.

... this is something we're aware of, and is on the roadmap for Hashscan

**100. By .piyush16 in the Smart Contracts Channel on 06/28/2023**

I wanted to create and update Fungible token using smart contract and treasury, supply key is contract itself.

The creation of token, mint, burn and transfer worked for me.

But while updating the token info like name, symbol, keys it is giving error.

Is some have code sample for it or can help what i am missing.

**101. By defigirlxo in the Developer General Channel on 06/28/2023**

I think you need to ask Ledger that question

**102. By nbreezay#5092 in the Developer General Channel on 06/27/2023**

Hey fun question:

Does hedera have a burn wallet/address equivalent? Like say I mint some mistake tokens to a wallet in mainnet, what's the best way to get rid of them?

**103. By mbsworldslabs in the Developer General Channel on 06/27/2023**

it would be best to post your question there, but as I said not a lot of people around to help you with DiD specific questions right now.

**104. By mbsworldslabs in the Developer General Channel on 06/27/2023**

We have a new channel thats specific to question like problems: #-developer-help-desk

**105. By .0xvaibhav in the Developer General Channel on 06/27/2023**

Hey I am creating a provider using ethers.jsonrpcprovider for testnet and I am constantly getting event="noNetwork" code="NETWORK\_ERROR". Can someone help me why is that or if the hedera api is down because it was working yesterday

**106. By cryptoroshan in the Developer General Channel on 06/27/2023**

I have this error

@Greg Scullard Please help me

**107. By w3n\_micha in the Consensus Service Channel on 06/27/2023**

@here this HIP has been merged since your last response. But I was unable to find documentation about this or an example on how to use it. I asked the question again here <https://discord.com/channels/373889138199494658/909532351388864542/1123255349126889502>

**108. By bguiz in the Developer General Channel on 06/26/2023**

edit: ah, I see that you asked in the #-developer-help-desk forum ... I've answered you there: <https://discord.com/channels/373889138199494658/1123012690676305970/1123073727022760007>

**109. By bguiz in the Developer General Channel on 06/26/2023**

I think this SO question/answer covers it:  
<https://stackoverflow.com/q/67863614/194982>

**110. By codeblooded in the Developer General Channel on 06/24/2023**

i need help here guys

**111. By cryptoroshan in the Developer General Channel on 06/24/2023**

@Ashe Oro Please help me with did-sdk-js

**112. By cryptoroshan in the Developer General Channel on 06/24/2023**

Please help me

In did-sdk-js, This does not work.

signMessage method is ok but buildAndSignTransaction method may does not work

**113. By bguiz in the Developer General Channel on 06/23/2023**

by roadmap do you mean does hedera network support these features?

if so, then yes - in fact it is already available!

you can use regular EVM dev tools to do, e.g. hardhat, and you just need the appropriate network configuration to point to an RPC connection to Hedera.

**114. By cryptoroshan in the Developer General Channel on 06/23/2023**

@Pathorn Please help me

**115. By bguiz in the Developer General Channel on 06/23/2023**

OK, so the SO question that I linked probably does not do very much towards helping you with your use case

But I would say based on what you've just said:

(1) Do not use the RPC for this, it won't have all the info you need

(2) Instead consider using mirror nodes, their API looks much closer to having the data that you need. BUt you willprobably need to build your own data polling/ indexing/ aggregation/ transformation script in order to get all those sorts of data

**116. By bguiz in the Developer General Channel on 06/23/2023**

Hey everyone @here ! There's a brand new **forum** for developer questions: <https://discord.com/channels/373889138199494658/1106578684573388900>

We figured that a forum might work better than **chat** for certain types of questions, and also make it easier to find answers when someone has asked something similar before.

Thanks @Defigirlxo for setting this up!  
Let us know if you have any feedback!

**117. By adriankbl in the Developer General Channel on 06/22/2023**

@bugbytes One question, which SDK are you using? GoLang?

**118. By 0xankit in the Developer General Channel on 06/21/2023**

hey anyone can help with:

<https://github.com/hashgraph/hedera-local-node/issues/347>

**119. By cryptoroshan in the Developer General Channel on 06/20/2023**

@steven-sheehy Hi. Please help me with DiD

**120. By bguiz in the Developer General Channel on 06/20/2023**

on "virtual": blocks are not a concept that is known about at the consensus level.

remember that Hedera is a DLT, but not a blockchain. consensus is achieved of individual transactions, not on multiple transactions grouped together (a block).

this concept of a block is added after the fact, at the mirror node level in order to be able to support various JSON-RPC calls, which assume that all transactions have a block.

how this happens is that transactions are serialised into something called a record file, roughly every 2 seconds. these record files are ingested by mirror nodes. when RPC calls are made, all transactions belonging to the same record file are considered to be in the same block.

ref: HIP-415: Introduction Of Blocks

**121. By ohm\_pathorn in the Developer General Channel on 06/19/2023**

Ah my bad, it's not supported. I did not see the comment in the doc.

**122. By xTH3ORYx#0535 in the Developer General Channel on 06/19/2023**

Hello, I have a question about some of the REST API calls, How does this (<https://docs.hedera.com/hedera/sdks-and-apis/rest-api#api-v1-transactions>) (/api/v1/blocks) work without passing in a 'From' and 'To'

**123. By KaBuSs259#5820 in the Developer General Channel on 06/19/2023**

Its not supported

**124. By astronutties in the Developer General Channel on 06/19/2023**

Ok, thanks for your help!

**125. By ohm\_pathorn in the Developer General Channel on 06/19/2023**

I see. Hashpack does not support ECDSA key and EVM address yet so you will need to use Blade or Metamask in the meantime.

**126. By thecryptoworld in the Developer General Channel on 06/17/2023**

Hi guys , I'm trying to create fungible token using smart contract but getting following errors - super(props, `receipt for transaction \${props.transactionId.toString()} contained error status \${props.status.toString()} `);

^

ReceiptStatusError: receipt for transaction 0.0.3885341@1687036134.657428574 contained error status CONTRACT\_REVERT\_EXECUTED  
at new ReceiptStatusError (/Users/ravisatyam/Desktop/ravi/Green\_Hackers/node\_modules/@hashgraph/sdk/lib/ReceiptStatusError.cjs:43:5) Can anyone help to fix this issue

#### **127. By alapanx in the Developer General Channel on 06/17/2023**

Update to this I figured out how to make the timestamp readable:

```
async function schduleInfo() {
 // Create the query
 const query = new ScheduleInfoQuery()
 .setScheduleId(scheduleId);

 // Sign with the client operator private key and submit the query request to a node in a
 Hedera network
 const info = await query.execute(client);

 // Convert the timestamp to milliseconds
 const seconds = info.expirationTime.seconds;
 const nanoseconds = info.expirationTime.nanos;
 const milliseconds = seconds * 1000 + nanoseconds / 1e6;

 // Create a moment.js object using the milliseconds
 const expirationTime = moment(milliseconds);

 // Format the expiration time to a readable format
 const formattedExpirationTime = expirationTime.format('YYYY-MM-DD HH:mm:ss');

 console.log("Expiration Time:", formattedExpirationTime);
 process.exit();
}
```

However, I am encountering another issue. It appears that the expiration time is consistently set to 30 minutes, regardless of the value I set using the `.setExpirationTime` method. Strangely, when I retrieve the expiration timestamp (`response.data.expiration_time`) using mirror node API for the same schedule ID, it displays the correct timestamp. Could you please help me identify where I might be making an error in my code?`

#### **128. By hemant4832 in the Token Service Channel on 06/16/2023**

HI All I am getting INSUFFICIENT\_TXN\_FEE for an allowance transaction but i do have enough hbars (5000) into the account. Can someone help me out ?

#### **129. By .cryptorush in the Smart Contracts Channel on 06/15/2023**

Okay. One other question. Looks like associating token to EOA from smart contract is also not allowed. With this change, I really have a pain point implementing UniswapV2's

addLiquidity functionality. addLiquidity function creates a new pair if does not exist, and after that it should associate LP token with EOA so that it can mint LP tokens to the LP provider. Looks like this does not work if token association does not work from smart contract. Is there any workaround for this? Or should I have to stop adding liquidity to non-existing pairs. And create pair first from Dapp, associate LP token with LP provider account, and then finally add liquidity?

**130. By vincx01 in the Smart Contracts Channel on 06/15/2023**

Hello, anyone can help me with writing of NFT smart contract on Hedera?

**131. By Kyuu#7167 in the Developer General Channel on 06/15/2023**

Hello! I have some simple question!

Is there a way to create HCS message with Smart contract call?

Or get HCS message inside smart contract?

**132. By xTH3ORYx#0535 in the Developer General Channel on 06/14/2023**

Hello, I have a question. Do I need to run a local node in order to access the API endpoints for the Explorer NOT the blockchain?

**133. By brian.c.hbar in the Developer General Channel on 06/14/2023**

Are there developers here that have experience in smart domains or an interest in collaborating on an HNS project ? Or, is there someone from Swirlds who can connect me with developer talent that can be helpful building in HNS ecosystem.

**134. By supremax67 in the Consensus Service Channel on 06/14/2023**

HCS is not a service of a different network, all services are native to the platform. If HCS is down, everything else would be down too. So your question would be, how do I know if the network is up and running.

#network-status

**135. By alapanx in the Consensus Service Channel on 06/14/2023**

@Michael B | Swirldslabs Can you please help me with this?

**136. By supremax67 in the Developer General Channel on 06/13/2023**

@tknoch Jeeter is a scammer, never have a conversation over DM from someone who says they can help.

**137. By .0xvaibhav in the Developer General Channel on 06/13/2023**

I think I read it somewhere that ED25119 keys are not supported by hedera sdk to create smart contracts. Is that true?

**138. By ohm\_pathorn in the Developer General Channel on 06/12/2023**

This script might be a good start for you <https://github.com/hashgraph/hedera-sdk-js/blob/d26bad11dab50c568ea2f380c4dfa841b2892f4c/examples/sign-transaction.js>. Let me know if you have any questions.

**139. By cryptoktm in the Developer General Channel on 06/12/2023**

im trying to implement mpc wallet for hedera transactions, in case of MPC we would be needing a transaction object that could be signed later, but im getting issue with formating the require transation object as the provided documentation only shows signing using pvt key . If you somebody has some

supporting examples where i can activate hollow account and sign its transaction externally that would be really helpful

**140. By .0xvaibhav in the Developer General Channel on 06/12/2023**

Can someone help how can I fix this

**141. By alapanx in the Developer General Channel on 06/10/2023**

I NEED HELP WITH HEDERA CONSENSUS SERVICE

I am using a private keylist as `submitKey` so that I can use any of the key in that keylist to submit message in a topic (Suggested by @bugbytes )

When I querying topic info. I am getting the following list of submit keys (in public key form) for that perticular topic.

```
`,`,`
{"threshold":null,"keys":["302a300506032b65700321007ab7bfc95d537e50b6bfb9f683c46ba
cba75b1fe45f480c25d8ed2a9fcc782d8,302a300506032b65700321009d72420b195d83b10db
302c49f932a6c2a8725efa6c255fcaa30c029fdb90d7e,302a300506032b65700321009d6616a01
4db907ed329b8b7561b1a26306dddc0ca2b1797be87915bc8f19b7,302a300506032b657003
2100cc25dfba267fcf8a1a8f0d914a55637ace7a6a938ed0d11094af027439dcc431"]}
```

These public keys correspond exactly to the private keys I've set as `submitKey` using a keylist. Based on this, I believe I've correctly set the submit key.

However, when I attempt to transact and submit a message using a `submitKey` (private key type), I encounter the following error:

```
`,`,`
ReceiptStatusError: receipt for transaction 0.0.4010476@1686400009.649376491 contained
error status INVALID_SIGNATURE
`,`,`
```

The code I wrote:

```
`,`,`
let sendResponse = await new TopicMessageSubmitTransaction({
 topicId: topicId,
 message: `While writing the msg, the time was ${currentTime} on $
{currentDateString}.`,
}).freezeWith(client);

//Sign with the submit key
const signTx = await sendResponse.sign(submitKey);

//Submit the transaction to a Hedera network
const txResponse = await signTx.execute(client);
`,`,`
```

For your information, I've set one of the private keys from the keylist as the submitKey in the above code.

I need help finding the issue. I can't pinpoint my mistake. Your assistance is greatly appreciated.



@bugbytes @Pathorn @Ed Marquez

**142. By jaz369 in the Smart Contracts Channel on 06/09/2023**

and getting this error, could someone help me why is that, the hedera create nft code seems good ``super(props, `receipt for transaction \${props.transactionId.toString()} contained error status \${props.status.toString()}`);

^

ReceiptStatusError: receipt for transaction 0.0.4011011@1686315228.973412051 contained error status CONTRACT\_REVERT\_EXECUTED``

**143. By astrid\_network in the Developer General Channel on 06/09/2023**

Hello everyone! I am Gica from Astrid, we are a team of developers really interested in Hedera technologies.

We are currently in touch with HBAR Foundation to receive their help in the development of applications on Hedera.

I personally recently started enjoying hedera SDKs through the PYthon Wrapper, and I would love to share some of the code that could be useful for everyone and would be awesome to join your developers community. Is it possible to share github repo link here?

**144. By psychoter in the Smart Contracts Channel on 06/08/2023**

I have several questions related to accessing token keys and custom fee rules in solidity. how can I get a token's keys while the key is a keylist or threshold? while I was able to retrieve the keys through the safeHTS library `safeGetTokenInfo` & `safeGetTokenKey` when it's a single key, they returned as not set when the key is a keyList. the problem also appear for getting the fractionalFee, while the token had a fractional fee rule, it returned an empty array. @Ed Marquez @Greg Scullard @Pathorn

**145. By Michael Garber#5033 in the Smart Contracts Channel on 06/08/2023**

Check the event logs to get more information about what happens during contract execution. You can log events in your contract and Factory contract to help debug the issue.

Without the exact code, it's difficult to provide a specific solution.

**146. By ohm\_pathorn in the Developer General Channel on 06/08/2023**

I think vite is not supported. I saw people having the problem with Vite before and it's gone after switching back to React

**147. By MichaelWang#2574 in the Smart Contracts Channel on 06/07/2023**

Hi @Pathorn , Thank you for your solution. That would be very helpful for me.

**148. By ohm\_pathorn in the Javascript Channel on 06/07/2023**

Please do not duplicate the questions across channel. Feel free take a look at the example code I share with you in another channel.

**149. By swtrse in the Developer General Channel on 06/06/2023**

As far as I understand you need to import the classes (I use SafeHTS) and then check if the token is a HTS token. If yes you can use the HTS function to transfer tokens if not you have to use the IERC20 interface to transfer tokens. The question they could not answer is if used from solidity if using HTS saves gas. They only confirmed that using HTS from outside saves gas.

**150. By swtrse in the Developer General Channel on 06/06/2023**

Take a look at the transferToken function in the HederaTokenService.sol file. This should give you the right direction. A bit up in this channel I asked a bunch of questions and some of them seems to affect your problem too.

**151. By swtrse in the Developer General Channel on 06/06/2023**

ad 2) I interpret your answer in the way that it is possible to call HTS tokens over the IERC20 Interface but not the other way around. Is that correct?

ad 3) so it should work with uint256 values too if I modify the files myself and add the function overloads?

ad 4) are there any empirical values if hardhat-gas-reporter is working correctly with hedera so that I can verify this? I assume checking the gasUsed of the transaction should work for sure.

Thanks for the answers they helped a lot

**152. By adriankbl in the Javascript Channel on 06/06/2023**

Hello one question, as far as I know we can update/ modify the royalties / fallbacks in one Token with the Admin Key.

If one Royalty / Fallback has not been setup from the beginning, can be added with the TokenUpdateTransaction?

**153. By ohm\_pathorn in the Developer General Channel on 06/06/2023**

I have answered the question in another channel. Please do not duplicate the questions in the future.

**154. By ohm\_pathorn in the Javascript Channel on 06/06/2023**

Yes ABI does support uint256 but Hedera Service does not support that. I think this is a limitation of our network. Do you mind create an issue on this repo so our engineer can look into the issue? <https://github.com/hashgraph/hedera-services/issues>

**155. By ohm\_pathorn in the Javascript Channel on 06/05/2023**

Hi @0xAnon, thank you for your patience. I believe that our input only supports int64 that's why you are limited at 20 decimal.

**156. By ohm\_pathorn in the Developer General Channel on 06/05/2023**

Hi @Swtrse, thank you for the questions.

1. Yes, actually you can wrap HTS token with ERC20 interface as it does provide the same interface as ERC20 token. <https://github.com/hashgraph/hedera-smart-contracts/blob/476843796a61d7c380a995e351ad53ffd263fcb2/contracts/hts-precompile/examples/erc-20/ERC20Contract.sol#L26>

2. Of course, you can use both ERC20 and HTS in your smart contract but you will need to

have a condition to check the type of token you are dealing with (ERC20 or HTS)  
3. I believe our engineers use int64 because Hbar only has 9 decimal compared to Eth that has 18 decimal but feel free to create an issue in the repo so our engineer is aware of your problem. <https://github.com/hashgraph/hedera-sdk-js/issues>  
4. It might not be the case but if you use HTS, the transfer outside of your smart contract will be much cheaper for the users.  
5. You should check the amount at your application layer.  
6. There is a balanceOf function here. <https://github.com/hashgraph/hedera-smart-contracts/blob/476843796a61d7c380a995e351ad53ffd263fcb2/contracts/hts-precompile/examples/erc-20/ERC20Contract.sol#L26>

**157. By leech\_dev in the Smart Contracts Channel on 06/05/2023**

Hi Hedera Team.

I need help on deploying the solidity contract using Hardhat.

```

```
> deploy:hedera_testnet  
> npx hardhat run ./scripts/deploy.ts --network hedera_testnet
```

(node:43297) ExperimentalWarning: stream/web is an experimental feature. This feature could change at any time

(Use `node --trace-warnings ...` to show where the warning was created)

(node:43300) ExperimentalWarning: stream/web is an experimental feature. This feature could change at any time

(Use `node --trace-warnings ...` to show where the warning was created)

HeadersTimeoutError: Headers Timeout Error

at Timeout.onParserTimeout [as callback] (/Volumes/Work/contracts/solidity/PaymentRouter/node_modules/undici/lib/client.js:931:28)

at Timeout.onTimeout [as _onTimeout] (/Volumes/Work/contracts/solidity/PaymentRouter/node_modules/undici/lib/timers.js:20:13)

at listOnTimeout (node:internal/timers:557:17)

at processTimers (node:internal/timers:500:7) {

code: 'UND_ERR_HEADERS_TIMEOUT'

}

```

It worked for simple ERC20 token but does not work upgradeable contract using `TransparentUpgradeableProxy` with hardhat's `deployProxy` function.

Could you please help me on this?

**158. By swtrse in the Developer General Channel on 06/05/2023**

Hi, I try to get my head around this but I am unable to find a reasonable explanation.

I tried to convert some contracts to use HTS. I did get the SafeHTS and HederaTokenServie and RetunCode solidity files from <https://github.com/hashgraph/hedera-smart-contracts>.

My first step was to replace the ERC20 calls with the HTS counterparts, that is when I noticed that the HTS function for example transferToken only took an int64/uint64 value for amount when ERC20 is using an uint256.

So that raises some questions for me I was not able to solve when scanning through the

docs and the more I read the more unsure I get to a point where my questions seem to be stupid.

All questions are from an solidity contract point of view. Only solidity code is used no JS, Java or whatelse that can be used to access HTS

- 1) Is it the way to go to replace ERC20 calls with HTS calls in an overhauled contract?
- 2) Can I mix ERC20 and HTS? Like can I access HTS-generated tokens over the IERC20 interface and can I access classical ERC20-generated tokens with HTS and for example transfer them?
- 3) HTS uses int64/uint64 for amount in many places where ERC20 uses uint256 that seem like a huge downgrade especially for tokens with lots of decimals.
- 4) Does using HTS-calls instead if ERC20-calls inside a contract even save gas?
- 5) If HTS-calls inside a contract are advantageous would the correct way to check if the amount fits inside an uint64, if it does call the HTS-function and if not call the IERC20-interface function
- 6) if HTS is the way to go I am missing an balanceOf function so do I have to use the IERC20 interface for that?

#### **159. By shilpachittara in the Developer General Channel on 06/05/2023**

Hi everyone,

I'm currently developing an SDK using the @hashgraph/sdk and I've run into an issue when integrating it with a Next.js frontend application. The problem is that @hashgraph/sdk relies on the @grpc/grpc-js library, which in turn uses the http2 module. However, http2 is not available in a browser environment, causing an error.

The error message I'm seeing is: Module not found: Can't resolve 'http2'.

I have already tried to configure Webpack to not replace the http2 module with false, and to provide a browser-compatible replacement, but that hasn't resolved the issue. It's also important to note that due to the constraints of my project, I'm unable to modify the @hashgraph/sdk and @grpc/grpc-js libraries.

Has anyone run into a similar issue or does anyone have suggestions for how to get @grpc/grpc-js to work correctly in a browser/Next.js environment? Any help would be greatly appreciated!

Thanks in advance!

#### **160. By ohm\_pathorn in the Javascript Channel on 06/04/2023**

What is the library you are using? Are you using Hedera SDK or other libs? It will be helpful for us to investigate if you could share the code that calls the function and what's the input of the function.

#### **161. By bmino in the Smart Contracts Channel on 06/03/2023**

hey should it be possible to use `setMaxAutomaticTokenAssociations(10)` when deploying a contract via `ContractCreateFlow`? I am getting a `NOT\_SUPPORTED` error in precheck attempting this on testnet

#### **162. By bugbytes in the Developer General Channel on 06/02/2023**

Yes, that looks to be hex encoded ABI format native to the EVM. Your usual suspects

(such as ethersjs) ought to help you decode/reverse engineer the parameters that were sent in.

**163. By thecryptoworld in the Developer General Channel on 06/02/2023**

Hi, so I'm trying to fetch function parameters from a past call to a smart contract. Let me break it down for you. Imagine there's this smart contract function called `addProduct(id, productName)` that adds a new product to the inventory. What I want is to extract the function parameters (like `id` and `productName`) from a previous function call.

To do this, we're using the Hedera Mirror Node service. As an example, I'm making an API call to <https://testnet.mirrornode.hedera.com/api/v1/contracts/0.0.13736942/results/1685529089.213997003> and getting a response (check the attached screenshot). Now, the question is, how can we decode the 'function\_parameter' that we receive in the result? Is it the correct representation of the function parameter that we used to call the function?

**164. By qthinh9746 in the Developer General Channel on 06/02/2023**

Anyone could help me with this problem please

**165. By mayankchoudhary in the Javascript Channel on 06/01/2023**

Hello, Everyone I am a full-stack developer with over 3+ years of experience in NodeJS and React/NextJS. Now I want to get started with web3 development but don't know from where to start. Can anyone please help me get started from a web2 dev to a web3 master? Thank you so much.

**166. By mayankchoudhary in the Developer General Channel on 06/01/2023**

Hello, Everyone I am a full-stack developer with over 3+ years of experience in NodeJS and React/NextJS. Now I want to get started with web3 development but don't know from where to start. Can anyone please help me get started from a web2 dev to a web3 master? Thank you so much.

**167. By .turbomaster in the Developer General Channel on 06/01/2023**

hi "SimpleCrypto object MUST BE initialised with a SECRET KEY" facing this error while writing code for association of token in react that send transaction through hashpack to backend in nodejs to use our client , Can anyone help in solving this error ?

**168. By qthinh9746 in the Developer General Channel on 05/31/2023**

Hi, please help me with this problem. `ContractFunctionParameters().addUint256` need argument is type of `BigNumber.js`. I try `BigNumberJS` or `BigNumber` from hether are wrong. I dont know why i pass the correct argument type but got this error

**169. By sabyaaaa in the Smart Contracts Channel on 05/30/2023**

Hi guys, when i am trying to deploy a factory contract on hedera testnet using Hedera smart contract service... it is giving error

```
`ReceiptStatusError: receipt for transaction 0.0.3885310@1685472528.556259241
contained error status CONTRACT_EXECUTION_EXCEPTION`
```

can someone please help me out?

**170. By deejay0076 in the Smart Contracts Channel on 05/29/2023**

um... can you help me with which bit you need help and I might have an example.

short version:

cron (i often use node-cron when using JS but you could use native cron if you have a \*nix box of course)

a script to call a solidity method (Hedera blog posts have examples but I can point you to example repos, in fact the one above just there has some examples)

-> if that does not solve it then can i ask you for a little more context as the plan sounds straightforward.

**171. By Deleted User in the Developer General Channel on 05/29/2023**

@Pathorn Regarding my questions above, is it possible to get in touch or set up a Google meeting to discuss my proposition? Much appreciate for response

**172. By i.r.o.n in the Smart Contracts Channel on 05/28/2023**

Thanks for the suggestion but i won't be able to try that as the 3rd-party contract that I'm interacting with that uses `TransferHelper.safeTransferHBAR(to, value)` and I don't have control over that. If I interact with the 3rd party contract directly using my account, everything works. However if I get my contract to interact with this 3rd party contract, I get `TransferHelper::safeTransferHBAR: HBAR transfer failed` as if it wouldn't want to transfer the HBAR amount to my smart contract. I just want to know if it's a limitation within smart contracts, or if I'm doing something wrong

**173. By deejay0076 in the Smart Contracts Channel on 05/28/2023**

hi there - been AFK for a little bit - you want to do this natively [ContractCreateFlow()] or via json-rpc or...?

there's no great magic to it but i can dig you out some deploy scripts I use if that helps.

**174. By Deleted User in the Developer General Channel on 05/28/2023**

They could provide a lot on such a hub for even non-tech people, for example, tutoring with certifications, etc., which will help those who are looking to learn coding and seek entry-level jobs with guaranteed visibility and not refuseable action from a potential contractor, headhunter, or employer.

**175. By ohm\_pathorn in the Developer General Channel on 05/28/2023**

Feel free to post your questions here VC is quite a broad topic and there might be a lot of people interested to discuss

**176. By Deleted User in the Developer General Channel on 05/28/2023**

Hey, are any developers online and happy to chat on VC? Got a question about something and want to hear an opinion?

**177. By i.r.o.n in the Smart Contracts Channel on 05/28/2023**

Regarding `TransferHelper.safeTransferHBAR(to, value);`

where TransferHelper's safeTransferHBAR is:

...

```
function safeTransferHBAR(address to, uint256 value) internal {
 (bool success,) = to.call{value: value}(new bytes(0));
 require(success, 'TransferHelper::safeTransferHBAR: HBAR transfer failed');
}
```

I get a `TransferHelper::safeTransferHBAR: HBAR transfer failed`

if `\*\*to\*\*` is a \*\*smart contract address\*\*

However, the above will work if `\*\*to\*\*` points to a normal account (a non-smart contract)

Why is this the case? and how can I resolve it?

**178. By bugbytes in the Token Service Channel on 05/26/2023**

the HashConnect protocol will support this scenario

**179. By KaBuSs259#5820 in the Developer General Channel on 05/26/2023**

I would love to use HTS NFT instead of ERC721 since ERC721 is not supported on any marketplace etc right?

**180. By KaBuSs259#5820 in the Developer General Channel on 05/26/2023**

great, one more question. Is there something like tokenOfOwnerByIndex on HederaTokenService.sol? I need to get list of serial numbers that user owns.

**181. By ohm\_pathorn in the Developer General Channel on 05/26/2023**

It's 100% possible and support. You can call balanceOf on HTS token via smart contract precompile call. Please take a look at the example here <https://github.com/hashgraph/hedera-smart-contracts/blob/476843796a61d7c380a995e351ad53ffd263fcb2/contracts/proxy-upgrade/exchange/Exchange.sol#L48> let me know if you have any questions

**182. By KaBuSs259#5820 in the Developer General Channel on 05/26/2023**

or standard token <-> smart contract communication is not supported?

**183. By qthinh9746 in the Developer General Channel on 05/26/2023**

okay thank you. That helps me alot

**184. By qthinh9746 in the Developer General Channel on 05/25/2023**

hi, can anyone help me this. Im using ContractId.fromSolidityAddress(EVMAddress on HashScan) with the implementation contract, then everything is ok. I can retrieve the contractId correctly. Buti can not using this function with proxy contract, eventhough it appears on hashscan

**185. By Hossam\_Abdelmoaty#1916 in the Consensus Service Channel on 05/25/2023**

Hello, I have a question about HCS files and topics .. If I created a topic and submitted messages to it ... or created a file, will the topic (with all its messages) and the file persist forever in the Hedera's official mirror nodes? so it becomes publicly accessible any time by anyone?

If not, how can i make sure that they are permanently persistent?

**186. By .cryptorush in the Developer General Channel on 05/25/2023**

Can anyone please help me setting up TLS for custom JSON RPC relay? I'm using helm chart.

**187. By phasmatis in the Developer General Channel on 05/25/2023**

Quick question regarding smart contracts, am I able to make it so that I charge a fee for using the smart contract?

**188. By nickpoorman in the Java Channel on 05/25/2023**

We have a patch to help with these grpc timeouts

**189. By ohm\_pathorn in the Developer General Channel on 05/25/2023**

Unfortunately, no, HetherJS does not support Metamask but you can use EtherJS with Metamask.

**190. By louweal in the Smart Contracts Channel on 05/24/2023**

Another question, I need to get the value returned by a smart contract function, when the transaction is executed with `executeWithSigner`.

**191. By Manasa#3295 in the Developer General Channel on 05/24/2023**

Hi, I need to send external data to Hedera Smart Contract. Does chainlink support Hedera for this? I haven't seen chainlink mentioning about Hedera in the current docs. If chainlink doesn't support, which oracle will support this?

**192. By qthinh9746 in the Developer General Channel on 05/24/2023**

hi, im using hashpack in my Dapp, i was wonder if hashpack is co-operating with hether so that i can using Hether to send transaction to Hashpack for signing. Or could Hashpack support mutiple type like bytes32, bytes, complex type (like struct, array,... like Hethers)

**193. By louweal in the Smart Contracts Channel on 05/22/2023**

ok. thanks for your help

**194. By wraith\_x in the Developer General Channel on 05/22/2023**

Realised I've posted this in the wrong channel. Moving my question.

**195. By wraith\_x in the Developer General Channel on 05/22/2023**

Here's a link to where others have been using it and getting service unavailable. When they were doing it in march adding a timestamp seemed to help. <https://discord.com/channels/373889138199494658/616725704284962837/1087378896191758448>

**196. By wraith\_x in the Developer General Channel on 05/22/2023**

edit: question about transaction type cryptocreateaccount moved to mirror node channel.

**197. By ohm\_pathorn in the Token Service Channel on 05/22/2023**

I have answered the question in the other channel. Please do not duplicate questions in the future

**198. By ohm\_pathorn in the Developer General Channel on 05/21/2023**

Good question, let me check with the team.

**199. By kryptokash in the Developer General Channel on 05/21/2023**

hi does hedera support web assembly and any plans to support ewasm?



**200. By tomachianura in the Consensus Service Channel on 05/19/2023**

Sorry can't help, I don't deal with contracts

Your error looks different than mine anyhow, maybe something related to the testnet upgrade?

**201. By louweal in the Javascript Channel on 05/18/2023**

Thanks for your help. I solved the problem. My fileCreateTx was a Promise, because I forgot to await the freezeWithSigner()

**202. By ohm\_pathorn in the Developer General Channel on 05/18/2023**

HTS supports ERC20 standard so you can call `approve` to the HTS EVM address like you call a smart contract.

**203. By ohm\_pathorn in the Developer General Channel on 05/18/2023**

You can call the function `approve(address, address, uint256)` to your HTS. Take a look at this <https://docs.hedera.com/hedera/core-concepts/smart-contracts/supported-erc-token-standards>

**204. By Kyuu#7167 in the Developer General Channel on 05/18/2023**

Hello, Can I have a simple question?

I am playing with toy smart contract to my local node, and I can't see initcode and Recent Transactions in my Mirror Node Explorer.  
(But smart contract calls work well as intended.)

**205. By ohm\_pathorn in the Developer General Channel on 05/18/2023**

It looks like auto token association is not supported for smart contracts yet. So you have two options.

1. You can create a function in Solidity that take token address as an input and call HTS precompile to associate token.
2. You set AdminKey for your smart contract and then use the admin key to associate token on behalf of the smart contract.

**206. By i.r.o.n in the Developer General Channel on 05/18/2023**

Another question: is auto token association supported in smart contract? when I provide a value to maxTokenAssociation() for the ContractCreateFlow I get a NOT\_SUPPORTED error. If it's not supported, what is the workaround to this? My goal is to be able to send any token to my smart contract that I own for my use only.

**207. By Kyuu#7167 in the Developer General Channel on 05/16/2023**

Issue solve. Some problem with Metamask version 10.30.2

After update metamask version 10.30.3 by

following instruction(<https://support.metamask.io/hc/en-us/articles/360016336611-Revert-back-to-earlier-version-or-add-custom-build-to-Chrome>).

You can connect hedera mainnet with metamask.

**208. By mbswirldslabs in the Developer General Channel on 05/16/2023**

no there isn't AFAIK. That would be very helpful but I know in times of heavy requests the servers throttle.

<https://swirldslabs.com/hashio/> has some details.

Do you have the ability to run your own relay to test?

**209. By bguiz in the Developer General Channel on 05/15/2023**

Another S/O question & answer today! It's related to the previous one - also to do with gas used and gas estimation.

<https://stackoverflow.com/a/76255071/194982>

**210. By cryptoroshan in the Developer General Channel on 05/15/2023**

This helps to prevent issues such as double spending

**211. By bguiz in the Developer General Channel on 05/14/2023**

New S/O question + answer! about how gas refunds for SC interactions work on Hedera. Hint: Calculation is different from Ethereum.

<https://stackoverflow.com/q/76250641/194982>

**212. By gmesika#4574 in the Consensus Service Channel on 05/14/2023**

question about hedera - is there a project that hard forked the code that is in use?

**213. By gmesika#4574 in the Developer General Channel on 05/14/2023**

question about hedera - is there a project that hard forked the code that is in use?

**214. By moise4sidibe in the Java Channel on 05/14/2023**

Hi, newbie here

Getting below error while creating a new account with java sdk:

```
com.hedera.hashgraph.sdk.MaxAttemptsExceededException: exceeded maximum
attempts for request with last exception being
com.hedera.hashgraph.sdk.PrecheckStatusException: Hedera transaction
`0.0.9872979@1684068109.270235148` failed pre-check with the status `BUSY`
```

is testnet up and running ? tested with java 11 and 17 same issue. I added custom retry but I am always getting the same error.

Can you please help?

**215. By supremax67 in the Developer General Channel on 05/13/2023**

@Deejay @VR I can't see the Testnet supporting more users in the future.

**216. By deejay0076 in the Developer General Channel on 05/13/2023**

Not helpful - we will have to wait for the big guns to come online.

**217. By rds087 in the Token Service Channel on 05/11/2023**

Do we have support for ERC-1155(Semi fungible token) tokens as well? Just wanted to make sure that I do not get a surprise at the end

**218. By purpliatst in the Developer General Channel on 05/11/2023**

Now the problem that we are facing is -

1 - There's no library to directly access Google cloud secret for PV Key directly in React app

2 - We can't store the PV key in the env file as during the build, the env can be accessed by anyone using dev tools

So, what's the best method for this Hbar transfer functionality ? Please help

**219. By Rahul (co-founder)#0763 in the Token Service Channel on 05/11/2023**

We executed it, Thanks dude @Pathorn , Thanks for help

**220. By deejay0076 in the Smart Contracts Channel on 05/09/2023**

if your read method requires code execution then it's sadly unsupported right now - I checked

that said if you want an example happy to share my script.

**221. By ohm\_pathorn in the Developer General Channel on 05/09/2023**

For the first question, I suggest you encode it to hex or base64 before you store it so you can decode it when you retrieve it back.

For the second question, you can set the valid time of the transaction to be 2 minutes but you can't cancel it once it is sent to HashPack.

**222. By purpliatst in the Developer General Channel on 05/09/2023**

?? Please help @Pathorn @Michael Garber @Trustless

**223. By purpliatst in the Developer General Channel on 05/08/2023**

My second question is that I am using hash connect with hashpack for my app. I have a functionality where my app initiates a txn to hashpack. I want to manually cancel the txn in the code if it's been more than 2 minutes and the user has not completed the txn in hashpack. Is there anyway for it ?

**224. By purpliatst in the Developer General Channel on 05/08/2023**

Hey all,

My first question is that I have a secret stores in Google cloud secret manager and the decode process seems to work for the secrets other than pv key. The pv is retrieved in following format -

Code is

```
`const data = version?.payload?.data ? version.payload.data.toString('utf8') : '';
const decodedSecret = Buffer.from(data, 'base64').toString();
console.log(Found Secret for key: ${secretName});
console.log(Secret key value: ${decodedSecret});`
```

I have more secrets stored in secret manager as a string and they work correctly

**225. By hamling.hbar in the Developer General Channel on 05/04/2023**

Would love to see someone from hedera community connect the hedera hashgraph to the network of networks in nxd.devpost.com preferably for the JIC IPS (international patient summary) use case. Send me a DM if you have questions. Or just join.

**226. By alberto-IoBuilders#0345 in the Smart Contracts Channel on 05/04/2023**

Hello, I have a question regarding the ERC20/ERC721 interoperability that Hedera has implemented for its tokens (<https://docs.hedera.com/hedera/core-concepts/smart-contracts/supported-erc-token-standards>). In a nutshell, for every token, users will be able to interact with it via HSCS invoking the token Account Id as if it was a regular ERC20/ERC721 contract. My question is, is it really a smart contract what gets deployed when a new token is created?

**227. By vady\_77#2259 in the Smart Contracts Channel on 05/04/2023**

Hey apologies in advance for the dumb question, but does (native, not wrapped) HBAR have an EVM address somewhere? Reason being I'm using some off the shelf contracts which require a ERC20 token address in a function where I want to use HBAR... thanks!

**228. By ohm\_pathorn in the Developer General Channel on 05/02/2023**

Hedera supports Solidity smart contracts, so you can use any DAO framework built around Solidity on Hedera, such as OpenZeppelin (<https://github.com/OpenZeppelin/openzeppelin-contracts/tree/v4.7.3/contracts/governance>).

**229. By charkala in the Developer General Channel on 05/02/2023**

hey guys, not sure which channel can I get help with this?

<https://discord.com/channels/>

373889138199494658/616725704284962837/1102808319028113469

**230. By deejay0076 in the Smart Contracts Channel on 04/30/2023**

but to address the core question, if there are fallback fees in the custom fees you likely hit an issue. atomic transfer of hbar vs FT/NFT is not live yet for Solidity. That requires v3 of `cryptoTransfer()` method which a fair few of us are waiting on. If you have a FT that is associated ot all collector accounts then you can get round this exchanging FT for NFT atomically. ping me if you need more details. fingers crossed we will get the v3 methos implementation 'soon'

**231. By thecataclysmo in the Javascript Channel on 04/26/2023**

i need help

**232. By crypto.sheraz in the Smart Contracts Channel on 04/26/2023**

Hey, Can anyone please help? I used

```
HederaTokenService.transferFromNFT(nft_collection_1, msg.sender, address(this), tokenId);
```

but it started giving error `TypeError: Cannot call function via contract type name.` Its so weird because just few lines ubove i was using

```
HederaTokenService.setApprovalForAll(nft_collection_1, address(this), true);
```

and it was not giving any error, I know that i am not supposed to use `setApprovalForAll` here but still why it is giving this error

**233. By deejay0076 in the Developer General Channel on 04/26/2023**

it's a bit miserable for UX for sure. you could set the allowance incorporating the slippage

to reduce risk?

On the one hand it's great that users take responsibility for what they are signing and think carefully about what allowances they have...they do right? being more secure on paper may not be in reality as repetition dulls the user focus.

[huge advocate for bytecode matching and simulation to help protect users - I believe on roadmap - also hopefully being able to see allowances on NFTs will be a step forward given as of now if you approve all serials you can't tell if you have/not revoked it].

#### **234. By justynjj in the Javascript Channel on 04/26/2023**

I'm doing something wrong but can't see what it is...

`await contractExecSign.executeWithSigner(signer)` is not returning a `TransactionResponse` when the contract reverts. As a result, I'm not able to get the error status from the transaction.

```
```\nconst contractExecTx = await new ContractExecuteTransaction()\n  .setContractId(CONTRACT_ID)\n  .setGas(500000)\n  .setFunction("mySmartContractFunction", params)\n  .freezeWithSigner(signer);\n\nconst contractExecSign = await contractExecTx.signWithSigner(signer);\n\nconst contractExecSubmit = await contractExecSign.executeWithSigner(signer);\n\n// The following fails as `contractExecSubmit` is undefined\nconst contractExecRx = await\n  provider.getTransactionReceipt(contractExecSubmit.transactionId);\n\nconsole.log(contractExecRx.status.toString());\n```\n
```

How do I get hold of the transactionId to find out what the error status was? Help would be appreciated. Thanks.

If the contract execute succeeds then it all works fine and I can get the transactionId from `contractExecSubmit`.

235. By Michael Garber#5033 in the Javascript Channel on 04/26/2023

Can you share your exact error? If you have a tx id that I could see in hashscan would be helpful as well

236. By deejay0076 in the Developer General Channel on 04/25/2023

yup, i get it.

given int64 limit (90% sure here) then you can't have 18 decimals for an HTS FT

ERC-20 you can go to town, just no infrastructure supports it (yet?!)

237. By davinci783 in the Developer General Channel on 04/25/2023

a technical question

when we create a token with up to 9 decimals with native js sdk everything is ok
but when we set more than 9 decimal numbers is not correct
any idea?

238. By bala#6228 in the Javascript Channel on 04/25/2023

"unexpected frame length past the boundary" error throws while creating NFT from
MAINNET but TESTNET working fine , kindly help in this

239. By bala#6228 in the Developer General Channel on 04/25/2023

"unexpected frame length past the boundary" error throws while creating NFT from
MAINNET but TESTNET working fine , kindly help in this

240. By akihiko7777 in the Developer General Channel on 04/25/2023

Hi guys, I have a question about signatures. Can I use same signature for multiple types
of transaction for example: allowance approve and token associate? So that user signs
the transaction once for both

241. By justynjj in the Developer General Channel on 04/24/2023

Has anyone built an open source NFT metadata parser that you know of? A simple
library that would take any metadata.json file and do its best to spit back a standardised
common set of attributes ideally conforming to HIP 412 (title, description, image, files etc)
for displaying the NFT.

Ideally it would do its best to add mime types for files image, png, glb, mp3 etc

Basically making it as simple as possible to render on a website.

There's a lot of marketplaces / wallets that must have a solution to this internally. Just
wondering if I could help build on the shoulders of giants rather than build yet another
implementation.

242. By quidba7 in the Javascript Channel on 04/23/2023

Good evening everyone,

I hope you're having a great weekend.

I am trying to deploy a solidity smart-contract on hedera with a bytecode data above 6kb.
I check this post on stackoverflow and I have to use ContractCreateFlow() method but I
don't know how I should handle the signature of this contract.

<https://stackoverflow.com/questions/72406476/getting-error-transaction-oversize-while-creating-a-smart-contract-in-hedera-b>

Is there a sample code from github also (I don't see)?

<https://github.com/hashgraph/hedera-sdk-js/blob/main/examples>

my code:

```
const operatorId = AccountId.fromString(process.env.OPERATOR_ID);
const operatorKey = PrivateKey.fromString(process.env.OPERATOR_PVKEY);
const client = Client.forTestnet().setOperator(operatorId, operatorKey);
const transaction = new ContractCreateFlow()
    .setGas(1000000)
    .setBytecode(bytecode)
//Sign the transaction with the client operator key and submit to a Hedera network
const txResponse = transaction.execute(client);

//Get the receipt of the transaction
const receipt = (await txResponse).getReceipt(client);
const fileId2 = receipt.fileId;
console.log(`contract bytecode file: ${fileId2.toString()}`);
```

error message:

Uncaught TypeError TypeError: Cannot read properties of undefined (reading 'toString')

Thanks a lot for your help.

243. By davinci783 in the Developer General Channel on 04/22/2023

i have a question:

in this function:

```
...
// Function to associate a token with the contract
function associateToken(address token) external {
    require(token != address(0), "Token address cannot be zero");
    SafeHTS.safeAssociateToken(token, address(this));
}
...
```

how can we add an error handler to check if the token is already associated?

when we associate a token with this function for the first time

everything is ok

but when we associate the same token for the second time that is already associated

we get error

i want to show that error message

```
...
```

Token already associated

```
...
```

244. By Punisher#1632 in the Developer General Channel on 04/21/2023

Hi everyone,

I have a requirement to be able to verify that a transaction was signed by a private key associated with an account.

I could simply submit the transaction and get the expected error back, but this is what I'm

trying to avoid, as it could have extremely undesirable consequences for our usecase.

So I'm looking for something akin to `ed25519.Verify()` where I provide a known public key, a signature and the transaction/signed string.

I can see on the JS SDK on the `PublicKey`:

```
`,`,  
  
/**  
 * Verify a signature on a message with this public key.  
 *  
 * @param {Uint8Array} message  
 * @param {Uint8Array} signature  
 * @returns {boolean}  
 */  
verify(message: Uint8Array, signature: Uint8Array): boolean;  
/**  
 * @param {Transaction} transaction  
 * @returns {boolean}  
 */  
verifyTransaction(transaction: Transaction): boolean;  
`,`,
```

But I don't believe these are what I'm after, because on the actual transaction I can see signatures on the `_signedTransactions` field (which is used by `verifyTransaction`) but I believe these have something to do with nodes when it's frozen/signed - and not the signer I'm after (i.e. the owner of the account who signed the transaction).

Any help or guidance with this would be greatly appreciated.

245. By alexrp#0334 in the Developer General Channel on 04/21/2023

alexrp — Today at 12:49 PM

Hi there,

I am attempting to invoke the `BlockByNumber` method from go-ethereum client through a Hedera JSON-RPC relay. However, I'm getting the following error `missing required field maxPriorityFeePerGas for txdata`. It appears that this issue is unique to the Hedera network and does not occur when calling the same method on an EVM-compatible blockchain, such as Polygon.

Can anyone help me solve this issue?

Here is the code in case you want to reproduce it: (go version 1.18.3)

```
`,`,  
  
package main  
  
import (  
    "context"  
    "fmt"  
    "log"  
    "math/big"  
  
    "github.com/ethereum/go-ethereum/ethclient"
```



```
)

func main() {
    url := "https://testnet.hashio.io/api"
    blockNum := 3689094

    client, err := ethclient.Dial(url)
    if err != nil {
        log.Fatal(err)
    }

    block, err := client.BlockByNumber(context.Background(), big.NewInt(int64(blockNum)))
    if err != nil {
        log.Fatal(err)
    }
    fmt.Println(block)
}
...
```

246. By alexrp#0334 in the Consensus Service Channel on 04/21/2023

Hi there,

I am attempting to invoke the `BlockByNumber` method from go-ethereum client through a Hedera JSON-RPC relay. However, I'm getting the following error `missing required field maxPriorityFeePerGas for txdata`. It appears that this issue is unique to the Hedera network and does not occur when calling the same method on an EVM-compatible blockchain, such as Polygon.

Can anyone help me solve this issue?

Here is the code in case you want to reproduce it: (go version 1.18.3)

```
...
package main

import (
    "context"
    "fmt"
    "log"
    "math/big"

    "github.com/ethereum/go-ethereum/ethclient"
)

func main() {
    url := "https://testnet.hashio.io/api"
    blockNum := 3689094

    client, err := ethclient.Dial(url)
    if err != nil {
        log.Fatal(err)
    }
}
```

```
block, err := client.BlockByNumber(context.Background(), big.NewInt(int64(blockNum)))
if err != nil {
    log.Fatal(err)
}
fmt.Println(block)
}
```

247. By 4nap in the Developer General Channel on 04/21/2023

okay thank you, then I will update to the latest sdk version, remove the line of code or add additional nodes to it, depending on which of those things do work. thanks for the quick help

248. By i.r.o.n in the Developer General Channel on 04/21/2023

For `ContractExecuteTransaction` `setGas()` method` what unit does it take? The documentation doesn't make it clear.

If I use `Hbar.from(0.40, HbarUnit.Hbar).toTinyBars().toNumber()` and pass that number (40,000,000) to `setGas()` I get a `MAX_GAS_LIMIT_EXCEEDED`.

But the gas cost of calling the smart contract function in question is around `0.33 hbar` based on past calls

If I use `Hbar.from(0.0040, HbarUnit.Hbar).toTinyBars().toNumber()` and pass that number (400,000) to `setGas()` then it will work fine. So I'm a bit confused here.

249. By ohm_pathorn in the Developer General Channel on 04/20/2023

My pleasure, let us know if you have any questions.

250. By alapanx in the Developer General Channel on 04/20/2023

Hey thanks for the resource. Big help

251. By .0xvaibhav in the Developer General Channel on 04/20/2023

One more question how can we create a new ECDSA account

252. By .0xvaibhav in the Developer General Channel on 04/20/2023

understood. Thanks for the help

253. By .0xvaibhav in the Developer General Channel on 04/20/2023

Okay, plus I saw multiple issues saying that ED25519 private keys are not supported you need ECDSA private keys but I got this private key from hashpack wallet itself. is there any way I can convert it into ECDSA

254. By davinci783 in the Developer General Channel on 04/20/2023

i have a question

this is my smart contract:

```
pragma solidity ^0.8.0;
```

```
contract ChargeFee {
  event DisplayMessage(string message);

  function showMessage() public payable {
    require(msg.value >= 10 ether, "Insufficient payment");
    emit DisplayMessage("Hello Future");
  }
}
```

255. By 2tinz in the Developer General Channel on 04/19/2023

Hello please can someone help me am stuck here(Advanced) Quest 8 - Car Borrowing DApp Capstone Project (Backend) having this error when I click on deployed all my setting both on Remix and Metamask is correct

```
creation of MerchantBackend errored: Returned error:
{"jsonrpc":"2.0","error":{"[ethjs-query] while formatting outputs from RPC
'{"value":{"code":"-32603","data":{"jsonrpc":"2.0","id":"6230616054612","error":
{"code":"-32003","name":"gasLimit too low","message":"[Request ID:
b526f924-bbbe-4cfa-a22c-54c0e3b045fc] Intrinsic gas exceeds gas
limit"}}}}","id":"8257448595398037"}
>
```

256. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/19/2023

im on "@hashgraph/sdk": "^2.18.5",
i am using FileCreateTransaction, then FileAppendTransaction (i split file bytecode into 6 pieces so there are 5 file appends), then ContractCreateTransaction. if you could share that deployment script that would be super helpful, i would appreciate that greatly!

257. By davinci783 in the Developer General Channel on 04/19/2023

i have a question

258. By deejay0076 in the Smart Contracts Channel on 04/18/2023

you are not the only one - I believe there are article(s) in the works to help us all feel our way through this. best to shout here and hopefully someone official or with a bloody nose from experience (me) might be able to help

259. By pocos in the Smart Contracts Channel on 04/18/2023

General question -- I think I saw it in a HIP proposal, but are Hedera devs not clamoring for verifiable contracts akin to what Etherscan provides on Ethereum?

260. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/17/2023

I'm not sure what I'm doing wrong here, but I cannot associate my token to a EOA. i have a contract that extends HTS that has the following function that associates an account with a tokenAddress (saved in a storage variable in the contract after the token is created). i have another contract that i use to call the former contract's function to associate, but when i try calling it both directly and via delegatecall or call it both gives me the same error of an invalid signature (INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE).

i made these changes from the original logic prior to the security model updates where the EOA would try to execute a function in the former contract that called `HTS.associateToken`, but would fail with that invalid signature. i may be wrong about this but i was under the impression this was because after the security changes, the contract became the signer when calling `HTS.associateToken` rather than the EOA, so i added another contract on top that delegatecall to the one calling `HTS.associateToken`. please correct me if i'm wrong on this

there's one last thing im about to try, after reading this from the security updates page: "For HTS specific token functionality (e.g. Pause, Freeze, or Grant KYC), a contract will be authorized to perform the associated token management function only if the `ContractId` is listed as a key on the token (i.e. Pause Key, Freeze Key, KYC Key respectively)." I'm guessing i need to set the `tokenKeys` property of the `HederaToken` when creating it based on this? however, if that doesn't work im completely and utterly lost, any help here would be much appreciated!

261. By davinci783 in the Developer General Channel on 04/17/2023

by this example,

<https://github.com/hashgraph/hedera-json-rpc-relay/blob/main/docs/examples/account-alias-ecdsa.js>

you can create ECDSA Wallet you can import it to MetaMask, and Start Building Smart-contract using MetaMask and Remix

Thank you everyone for your Help ❤️

262. By Michael Garber#5033 in the Developer General Channel on 04/17/2023

This is a great place to get support. The community is very active and helpful.

263. By davinci783 in the Developer General Channel on 04/17/2023

Hello Hedera

i Have a question

when i compile my contract file with Solc or remix and i try to deploy the contract on hedera using js sdk

i get ```contained error status ERROR_DECODING_BYTESTRING```

any idea?

264. By ohm_pathorn in the Javascript Channel on 04/17/2023

This question is duplicated and answered in this <https://discord.com/channels/373889138199494658/1096070778581164203>

265. By .piyush16 in the Smart Contracts Channel on 04/17/2023

I need to audit my smart contract and find vulnerabilities. Are there some tools like slither which can help in doing it

266. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/16/2023

hi, i have a question regarding a `INSUFFICIENT_TX_FEE` error I'm getting it for the following cases. First some background - I have a contract that is to act as a treasury that prior to the security model updates would call `HTS.createFungibleToken` and set itself as the treasury. Following the updates, I moved all HTS functions calls to a "proxy" contract that extended HTS as for things such as associating token, as we now need to delegatecall

from the treasury contract to the "proxy" contract so that the EOA that is associating the token has their signature propagated to the HTS call

for some reason i keep getting INSUFFICIENT_TX_FEE on Token Create in each of the following cases, despite writing the calls to send over 1000 HBAR with it. some code for reference in images (HTSPProxy is the proxy contract directly calling HTS, LDCREToken is the treasury contract):

1. Payable constructor directly calling the proxy method (i thought this would be okay without delegatecall since the contract itself is acting as the treasury so it would make sense for the transaction signer to be the treasury contract) - here i do proxy.mintToken directly from the treasury contract's constructor, and i set the CreateContractTransaction to have setInitialBalance(new HBAR(1000)) and setMaxTransactionFee(new Hbar(1000))

2. Using delegatecall and call to try calling the proxy method from the payable constructor (same as above but using delegatecall/call)

3. Having a method on the treasury contract that calls proxy.mintToken directly and with delegatecall/call (basically trying the two above but with a method separate from constructor). here i set setPayableAmount(new HBAR(1000)) and setMaxTransactionFee(new HBAR(1000)) on the ContractExecuteTransaction

i think i may be able to get around this by calling the proxy contract's mintToken from the hashgraph SDK after deploying both contracts and passing treasury contract address appropriately, but not sure why what im doing now wouldn't work

267. By davinci783 in the Developer General Channel on 04/16/2023

can you help me with an example js code
to call ``getVariable1``
with web3js library ?

268. By davinci783 in the Developer General Channel on 04/16/2023

@Deejay

can you help me with this, please?

this is a simple contract:

```
````pragma solidity ^0.8.0;
```

```
contract SimpleContract {
 // Declare the variables
 string private variable1;
 uint256 private variable2;
```

```
 // Constructor to initialize the variables
 constructor(string memory _variable1, uint256 _variable2) {
 variable1 = _variable1;
 variable2 = _variable2;
```

```
}

// Function to update variable1
function updateVariable1(string memory _newVariable1) public {
 variable1 = _newVariable1;
}

// Function to update variable2
function updateVariable2(uint256 _newVariable2) public {
 variable2 = _newVariable2;
}

// Function to get the value of variable1
function getVariable1() public view returns (string memory) {
 return variable1;
}

// Function to get the value of variable2
function getVariable2() public view returns (uint256) {
 return variable2;
}
}
```

**269. By deejay0076 in the Token Service Channel on 04/15/2023**

Great that helps.

**270. By dbones213#5294 in the Developer General Channel on 04/14/2023**

Hello everyone, I got stucked at step 13 on Quest 8... I keep getting failed transaction after editing the gas fee just as it was explained on the site...

Bellow is the error message I keep getting....

```
creation of MerchantBackend errored: Returned error: {"jsonrpc":"2.0","error":{"ethjs-
query] while formatting outputs from RPC '{"value":{"code":-32603,"data":
{"jsonrpc":"2.0","id":"8674710655979","error":{"code":-32603,"name":"In
```

How can this be fixed, I seriously need help please

**271. By Wayne-Lab49#9321 in the Smart Contracts Channel on 04/14/2023**

hi, i had a quick question. i noticed that when calling HTS functions such as mintToken it requires you to setPayableAmount for ContractExecuteTransaction (or setInitialBalance for ContractCreateTransaction if calling the HTS function from the contract constructor). why doesn't gas cover this? is it because to use the HTS is a precompiled/system contract so the cost is already predetermined and/or Hedera just takes a bit of a fee on top for offering the service itself?

im just speculating here based on my limited knowledge, and would just like to know for

my own understanding. i did notice that when copying a deployment script (that i used for a contract that minted a token in its constructor) to deploy another contract that is not payable nor calls any HTS methods that it failed with a CONTRACT\_REVERT\_EXECUTION and an error message of "0x" which wasn't helpful at all. once i removed the setInitialBalance it worked and it got me wondering why sending HBAR on top of the gas was necessary

#### **272. By deejay0076 in the Developer General Channel on 04/14/2023**

little old but should still be ok

```

 ...
function createFungibleWithBurn(
 // bytes memory ed25519Key,
 string memory name,
 string memory symbol,
 string memory memo,
 uint initialSupply,
 uint decimals,
 uint32 maxSupply
)
 external
 payable
 onlyOwner
returns (address createdTokenAddress) {
 // instantiate the list of keys we'll use for token create
 IHederaTokenService.TokenKey[]
 memory keys = new IHederaTokenService.TokenKey[](1);

 keys[0] = createSingleKey(
 HederaTokenService.WIPE_KEY_TYPE,
 KeyHelper.CONTRACT_ID_KEY,
 address(this)
);

 // define the token
 IHederaTokenService.HederaToken memory token;
 token.name = name;
 token.symbol = symbol;
 token.memo = memo;
 token.treasury = address(this);
 token.tokenKeys = keys;

 if (maxSupply > 0) {
 token.tokenSupplyType = true;
 token.maxSupply = maxSupply;
 }

 // create the expiry schedule for the token using ExpiryHelper
 token.expiry = createAutoRenewExpiry(
```

```
 address(this),
 HederaTokenService.defaultAutoRenewPeriod
);

 // call HTS precompiled contract, passing initial supply and decimals
 (int responseCode, address tokenAddress) = HederaTokenService
 .createFungibleToken(token, initialSupply, decimals);

 if (responseCode != HederaResponseCodes.SUCCESS) {
 revert("mint wipe key failed");
 }

 emit TokenControllerMessage(
 "MINT",
 msg.sender,
 initialSupply,
 "Minted with wipe key"
);

 createdTokenAddress = tokenAddress;
}
```

**273. By .sravankumar in the Developer General Channel on 04/14/2023**

// SPDX-License-Identifier: GPL-3.0  
pragma solidity >=0.5.0 <0.9.0;

```
import 'https://github.com/hashgraph/hedera-smart-contracts/blob/v0.2.0/contracts/hts-
precompile/HederaResponseCodes.sol';
import 'https://github.com/hashgraph/hedera-smart-contracts/blob/v0.2.0/contracts/hts-
precompile/IHederaTokenService.sol';
import 'https://github.com/hashgraph/hedera-smart-contracts/blob/v0.2.0/contracts/hts-
precompile/HederaTokenService.sol';
import 'https://github.com/hashgraph/hedera-smart-contracts/blob/v0.2.0/contracts/hts-
precompile/ExpiryHelper.sol';
```

The above code is getting errors

**274. By .sravankumar in the Developer General Channel on 04/14/2023**

Can someone help me out I'm having some problem in quest 7

**275. By Uroš#9242 in the Developer General Channel on 04/14/2023**

Could someone help me understand why the following transaction failed? <https://hashscan.io/testnet/transactionsById/0.0.1417-1681456930-364814060>  
It seems to be something related to the token transfer failing due to token not being associated to the account but as far as I see in Hashpack it is associated with the token.

**276. By ajit#3368 in the Developer General Channel on 04/13/2023**

please help to resolve this issue



**277. By johnda98 in the Smart Contracts Channel on 04/13/2023**

and why are you getting contract revert exceptions when you asked the question 'upload my smart contract bytecode to a file' ?    separate work flow steps

**278. By justynjj in the Smart Contracts Channel on 04/13/2023**

Just finished reading through them both side by side and this all makes sense, thanks. I was thrown off by the 'remove unsupported functions' fixes to the `hts-precompile` which weren't applied to the `safe-hts-precompile`. I realise now that the functions removed from `hts-precompile` weren't actually in the `safe-hts-precompile` so didn't need removing.

**279. By johnda98 in the Smart Contracts Channel on 04/13/2023**

the 'remove unsupported functions' commits indicate the resolution to recent updates.

**280. By davinci783 in the Developer General Channel on 04/13/2023**

@psychoter (DaVinciGraph) created these cool repositories  
feel free to use them and ask any questions

**281. By .0xvaibhav in the Developer General Channel on 04/13/2023**

Thanks for the help it's working now

**282. By .0xvaibhav in the Developer General Channel on 04/13/2023**

Pathron can you help me with this as well?

**283. By .0xvaibhav in the Developer General Channel on 04/13/2023**

I wish I could help but I can't seem to understand any of this

**284. By davinci783 in the Developer General Channel on 04/13/2023**

feel free to ask any question  
i am like you too  
i have no idea what i am doing

**285. By .0xvaibhav in the Developer General Channel on 04/13/2023**

Hey quick question I want to get the evm address from account id using hashgraph sdk

**286. By psychoter in the Developer General Channel on 04/12/2023**

Hey guys. I am working with Signer. I tried signing and executing transactions and they work fine. But I cannot get the transaction receipt with Signer, not even its possible error, the only thing that I get is a response object containing id hash and node on success and undefined on failure. Can anyone help me with that?

**287. By donravle in the Smart Contracts Channel on 04/12/2023**

Deejay thank you very much for your help and for being one of those hbarbarians that carries developers community to the next levels! I replaced account association from HSC to HTS and later on in the project I had to give allowance to my contract using HTS SDK also and now everything works fine.

Funny thing I'll like to mention is that I was struggling with giving allowance to my smart contract because I was getting the INVALID\_ALLOWANCE\_SPENDER\_ID error. Later on I figure that contract's AccountId should be passed as a string to the `AccountAllowanceApproveTransaction().approveTokenAllowance`

function and then everything works fine. It's strange that I had to do that since official documentation says one can pass spender's AccountId to approveTokenAllowance function (<https://docs.hedera.com/hedera/sdks-and-apis/sdks/cryptocurrency/approve-an-allowance>). Don't know if it's a bug in the Javascript SDK or I didn't do something right but I guess it's worth mentioning.

**288. By davinci783 in the Developer General Channel on 04/12/2023**

feel free to help me on this journey

**289. By davinci783 in the Developer General Channel on 04/12/2023**

i have a question

**290. By johnda98 in the Smart Contracts Channel on 04/11/2023**

Yr a 'good' Soul DeeJ... Good is a Noun... not an Adjective. helping the tumbles..

**291. By mbswirldslabs in the Developer General Channel on 04/11/2023**

Thankyou @Raphaël Messian for helping here

**292. By i.r.o.n in the Developer General Channel on 04/11/2023**

Thank you, that's helpful

**293. By deejay0076 in the Smart Contracts Channel on 04/11/2023**

It's the allowance that needs to be appropriate (not just the balance) post the security model change as flagged. Want to share the account / token ids and can help verify the allowance for you (only if it helps of course!)

**294. By davinci783 in the Developer General Channel on 04/11/2023**

i have another question

in AccountAllowanceApproveTransaction

...

//Create the transaction

const transaction = new AccountAllowanceApproveTransaction()

.approveHbarAllowance(TokenId.fromString("0.0.4012159"),AccountId.fromString("0.0.3184799"),

AccountId.fromString("0.0.4032975"), addInt64(10));

^^^^^^^^^^^^

^^^^^^^^^^^^

//Sign the transaction with the owner account key

const signTx = await transaction.sign(myPrivateKey);

^^^^^^^^^^^^

^^^^^^^^^^^^

^^^^^^^^^^^^

//Sign the transaction with the client operator private key and submit to a Hedera network

const txResponse = await signTx.execute(client);

//Request the receipt of the transaction

```
const receipt = await txResponse.getReceipt(client);

//Get the transaction consensus status
const transactionStatus = receipt.status;

console.log("The transaction consensus status is " +transactionStatus.toString());

...

```

**295. By mbsworldslabs in the Developer General Channel on 04/11/2023**

if you have a link to a failing TX on hashscan etc perhaps someone might be able to help further.

**296. By davinci783 in the Developer General Channel on 04/11/2023**

Hello

i have a question

and i will be happy if you can help me

This is a Simple SmartContract that do 3 jobs

associateToken

depositToken

withdrawToken

Contract Code:

// SPDX-License-Identifier: MIT

pragma solidity 0.8.12;

import "./SafeHederaTokenService.sol";

import "@openzeppelin/contracts/access/Ownable.sol";

contract Associate\_Deposit-Withdrawal is SafeHederaTokenService, Ownable {

// Mapping to track depositors

mapping(address => mapping(address => int64)) private \_deposits;

```
function associateToken(address token) external {
 safeAssociateToken(address(this), token);
}
```

```
function depositToken(address token, int64 amount) external {
 require(amount > 0, "Associate_Deposit-Withdrawal: Amount should be positive");
 _deposits[msg.sender][token] += amount;
 safeTransferToken(token, msg.sender, address(this), amount);
}
```

```
function withdrawToken(address token, int64 amount) external {
 require(_deposits[msg.sender][token] >= amount, "Associate_Deposit_Withdrawal: Insufficient balance");
 require(amount > 0, "Associate_Deposit_Withdrawal: Amount should be positive");
 _deposits[msg.sender][token] -= amount;
 safeTransferToken(token, address(this), msg.sender, amount);
}

function getDepositedAmount(address token) external view returns (int64) {
 return _deposits[msg.sender][token];
}
}
```

**297. By expected.christmas in the Smart Contracts Channel on 04/10/2023**

@Deejay Thank you so much! The link will help me a lot. Let me check it.

**298. By mbswirldslabs in the Developer General Channel on 04/10/2023**

Hedera is a type of DLT (Distributed Ledger Technology) not a blockchain. It's easy to think everything is a Blockchain because people use that word all the time. You can read more about the distinction here: <https://hedera.com/learning/distributed-ledger-technologies/what-are-distributed-ledger-technologies-dlts>

And more specifically the difference between Hashgraphs DAG v's Blockchain here: <https://hedera.com/learning/distributed-ledger-technologies/dag-vs-blockchain>

It's explained in far better terms than I could give it justice here. Hope this helps.

**299. By deejay0076 in the Smart Contracts Channel on 04/10/2023**

I believe there must be (given hashpack has it implemented) however I do not know where to point you for the code. I would suggest asking in the hashgraph.name discord (as I think they led the charge on the technical implementation) and if not perhaps the hashpack discord (raise a ticket to get access to the dev channel) might help.

**300. By defigirlxo in the Developer General Channel on 04/10/2023**

Hi BB! That's a question for the foundation but from my knowledge, they don't fund charities

**301. By \_yellow\_flash\_ in the Developer General Channel on 04/10/2023**

Hi all

quick one, Is there any nft open marketplace for hedera (like zuse) that supports testnet right now ?

please let me know

Thanks in advance

**302. By deejay0076 in the Smart Contracts Channel on 04/09/2023**

personally I use ether or web3 to decode directly against the abi rather than the strongly typed helper methods in the hedera sdk. I find it easier to be consistent, especially if you end up passing structs back and forth for example.

something like this:

```
...
/**
 * Helper function to get the current settings of the contract
 * @param {string} fcnName the name of the getter to call
 * @param {string} expectedVars the variable to expect to get back
 * @return {*} array of results
 */
// eslint-disable-next-line no-unused-vars
async function getSettings(fcnName, ...expectedVars) {
 // check the Lazy Token and LSCT addresses
 // generate function call with function name and parameters
 const functionCallAsUint8Array = await encodeFunctionCall(fcnName, []);

 // query the contract
 const contractCall = await new ContractCallQuery()
 .setContractId(contractId)
 .setFunctionParameters(functionCallAsUint8Array)
 .setMaxQueryPayment(new Hbar(2))
 .setGas(100000)
 .execute(client);
 const queryResult = await decodeFunctionResult(fcnName, contractCall.bytes);
 const results = [];
 for (let v = 0 ; v < expectedVars.length; v++) {
 results.push(queryResult[expectedVars[v]]);
 }
 return results;
}

/**
 * Decodes the result of a contract's function execution
 * @param functionName the name of the function within the ABI
 * @param resultAsBytes a byte array containing the execution result
 */
function decodeFunctionResult(functionName, resultAsBytes) {
 const functionAbi = abi.find(func => func.name === functionName);
 const functionParameters = functionAbi.outputs;
 const resultHex = '0x'.concat(Buffer.from(resultAsBytes).toString('hex'));
 const result = web3.eth.abi.decodeParameters(functionParameters, resultHex);
 return result;
}
...
```

**303. By davinci783 in the Smart Contracts Channel on 04/09/2023**

i need some help

**304. By intensor10 in the Developer General Channel on 04/08/2023**

Here's a question I have but no one from Zilliqa or Polygon could (or declined) to answer

but it involves just the seeming impossibility of getting a ZiL domain onto Hedera: Here's a wild question: Is it possible now with bridges maybe to call for a non-sha256 token to re-mint it from a dead contract on Zilliqa to Polygon and finally to Hedera where it could reside maybe with a new .gZil htld?

**305. By deejay0076 in the Developer General Channel on 04/08/2023**

this is a launchpad question - need to reach out to them and see if anyone will support that. Some will pay you out post mint so that enforces the split (manual process) but achieves the result.

Technical perspective: the mint transaction that creates the NFT charges only the network fee. it is the onward sale by the launchpad (or bilaterally of course) that establishes the selling price.

hope that helps make sense of it for you.

**306. By fintechcity.eth in the Developer General Channel on 04/08/2023**

Hey folks, I just started with Arkhia as of last week. I am here to help. thanks for the shoutout @Pathorn

**307. By wotaseri in the Developer General Channel on 04/07/2023**

Hey hey! I have a question.

I'm an artist & trying to find a way to make it so that myself & the project owner share the amount an NFT sells, the moment of sale, automatically.

So kinda like the royalties work, but for the actual sale itself instead.

Example: NFT is minted at 1000 \$HBAR, 300 of that go to my wallet, remaining 700 go to project owner's wallet. (excluding royalties, I know that's possible)

Is this possible? Like automatically, no shared / multi sig wallets etc

A way to put in two wallets & set a % of sale to go in each one?

**308. By cryptoroshan in the Developer General Channel on 04/07/2023**

Hello Hedera team!

Please help me

What is this error?

```
GrpcServiceError: gRPC service failed with status: TIMEOUT
[0] at Timeout._onTimeout (.../node_modules/@hashgraph/sdk/src/channel/
NodeChannel.js:99:30)
[0] at listOnTimeout (node:internal/timers:557:17)
[0] at processTimers (node:internal/timers:500:7) {
[0] status: GrpcStatus { _code: 17 }
[0] }
```

**309. By deebeeayy in the Developer General Channel on 04/07/2023**

Hello ,I'd like to get some help. I've been trying to run a smart contract to a local

hedera node, using hedera repo (<https://github.com/hashgraph/hedera-local-node>). I can issue transactions, create topics, explore everything with explorers and so on, except uploading and running contracts. I know the smart contract is working due to early runs on hedera testnet, but somehow, when using `CreateTransactionFlow()`, which successfully runs and executing it, it just remains stuck and doesn't do anything. With `ContractCreateTransaction`, it uploads but gives an `INVALID_SOLIDITY_ADDRESS`. Already downgraded solidity compiler but nothing seems to work. Am I missing something? (Using typescript hashgraph sdk, if relevant)

**310. By noelmyers in the Developer General Channel on 04/06/2023**

hi Hedera devs! My team has been deep in the trenches working on a blockchain-driven solar data marketplace (we come from decades of time in the solar mines) and have finished our White Paper and are sprinting towards a MVP.

We're missing one KEY piece - a CTO with Hedera development experience, which will help us go to the next level. A data architect. We've talked with quite a few recruiters but just can't quite find this unicorn / dragon.

is there anyone here that can help point us in the right direction?

**311. By johnda98 in the Token Service Channel on 04/06/2023**

If contract logic starts feeling the size limits, even with correct partitioning amongst multiple callable/nested contracts.. one should perhaps question if the usecase is suited to on-chain state/process consensus.

Perhaps data/process state held more centralized - multi end point mongo'd etc.. and its 'state' held there but bound by consensus topic/messages.. HCS.

... just trying to increase the human to tumble-weed ratio DeeJ.. :-). lol.

**312. By ohm\_pathorn in the Developer General Channel on 04/06/2023**

The identity of the account on the Hedera network is different from that of Ethereum. In Ethereum, the address is derived from the public key, making it easy to use `ECRECOVER` to obtain the address. However, on Hedera, we have an account ID and an EVM address. There are two types of accounts on Hedera: normal accounts and auto-create accounts. The EVM address for normal accounts can be derived from the account number, which does not derive from any keys (because Hedera supports multi-signatures and an account can be associated with multiple keys). As a result, this type of account won't work with `ECRECOVER`. On the other hand, the EVM address for auto-create accounts can be derived from the public key, but only if you create an account by transferring some hbar to the address derived from a public key. Therefore, these types of accounts will work with `ECRECOVER`, but you need to create them in a specific way. The tutorial can be found here: <https://docs.hedera.com/hedera/core-concepts/accounts/auto-account-creation>

This is the example of normal account. You can see that the EVM address is `0x0000xxx` (won't work with `ECRECOVER`)

<https://hashscan.io/testnet/account/0.0.3996500?app=false&p2=1&ph=1&pt=1>

This is the example of auto-create account. You can see the the EVM address looks like

one on Ethereum. (will work with ECRECOVER)

<https://hashscan.io/testnet/account/0.0.1345?app=false&pt=1&p2=1&ph=1>

**313. By ohm\_pathorn in the Smart Contracts Channel on 04/04/2023**

Hi DeeJay, sorry to hear that you have a problem with 0.36. Please help me understand the situation a bit. Who owns the NFT in your case, smart contract or EOA? The error indicates that the smart contract is trying to move NFTs out of EOA wallet without allowance.

**314. By .0xearl in the Smart Contracts Channel on 04/04/2023**

the format for hedera EVM contracts and other EVM chain contracts in solidity is slightly different. i wanted to know if this applies to vyper too, or there is no support for vyper at all

**315. By tonydao3923 in the Developer General Channel on 04/03/2023**

Hi! I'm got the error "INVALID\_ALIAS\_KEY" when transfer NFT by call function with HTS, anyone can help pls.

**316. By .transformer56 in the Developer General Channel on 04/03/2023**

Hi! I am facing an issue with \*ecrecover\* on mainnet which does not show up in testnet.

I have a function that validates a signature using ecrecover in my smart contract. The validation works perfectly fine on testnet but not on mainnet. I have verified all the arguments as well as my account type (in case that may be an issue). No matter what the signature is, when ecrecover is called, I get the error \*INVALID\_SIGNATURE\*. Any help would be greatly appreciated. I am stuck on this specific issue for a few weeks now (after update)

**317. By bugbytes in the Smart Contracts Channel on 04/02/2023**

(I know it's not terribly helpful, but I just ran our integration test suite on \*testnet\* and saw no regressions with our contract, it does create a token with fees inside of the contract ... this \*could\* be manifested by the SDK itself, it might be inadvertently trimming your "public key prefix" on signatures, but assuming you're using one of the "official" SDKs, I've no idea how to check to see if that is the issue)

**318. By deejay0076 in the Smart Contracts Channel on 04/02/2023**

what's the error exactly? snippets here and there do not help me try and answer. Your question is missing a lot of context, are you using ethers/web3/hethers etc.

---

There are oceans of articles out there on how to structure tests. If you have a specific challenge on getting them to work on Hedera, and if you provide more complete information, then I will try and help as/when I have time. Similarly, if you make the effort to read the code I have provided then you should be able to get it running (may not be your preferred way of course but I have offered you a working example).

**319. By chandraprakash\_ in the Smart Contracts Channel on 04/02/2023**

can you help write the one test case?



**320. By deejay0076 in the Smart Contracts Channel on 04/02/2023**

hit me up if I can help

**321. By chandraprakash\_ in the Developer General Channel on 04/02/2023**

if you can help do checkout #-smart-contracts

**322. By supremax67 in the Developer General Channel on 04/01/2023**

I was looking for your answer in the discord. I did find this answer which would answer the second question on the same topic, but not the one you are asking atm.

[https://discord.com/channels/](https://discord.com/channels/373889138199494658/768621337865486347/1032850918753980436)

373889138199494658/768621337865486347/1032850918753980436

For greater visibility, if you

want to ask your question on Monday in the #-token-service channel, most Hedera devs are not on during the weekend. There might also be a HIP about that very same question.

@

**323. By defigirlxo in the Developer General Channel on 04/01/2023**

I'm trying to create some to act as POAPs for an upcoming community call Do you think you can help me create some?

**324. By deejay0076 in the Token Service Channel on 03/31/2023**

genuinely trying to be helpful, can you explain what you are hoping to achieve? various snippets might work but not be ideal

**325. By deejay0076 in the Token Service Channel on 03/31/2023**

(If so not sure I understand the why and the above is likely problematic so it would be good to understand what you are hoping to achieve so I/we can give some guidance -- I have an open source minter project if that's helpful for instance)

**326. By deejay0076 in the Token Service Channel on 03/31/2023**

to help me clarify: are you trying to create the NFT in solidity and then mint the serials outside in JS?

**327. By tonydao3923 in the Token Service Channel on 03/31/2023**

```
function createFungible(
 string memory name,
 string memory symbol,
 int64 totalSupply,
 int64 autoRenewPeriod,
 address adminAccountAddress
)
 external
 payable
 onlyOwner(msg.sender)
 returns (address createdTokenAddress)
{
 IHederaTokenService.HederaToken memory nft;
 IHederaTokenService.TokenKey[]
 memory keys = new IHederaTokenService.TokenKey[](1);
 IHederaTokenService.KeyValue memory keyValue;
```

```
keyValue.contractId = address(this);
// keyValue.inheritAccountKey = true;
keys[0] = IHederaTokenService.TokenKey(getKeyType(KeyType.SUPPLY), keyValue);

nft.name = name;
nft.symbol = symbol;
// nft.tokenSupplyType = false;
// nft.maxSupply = totalSupply;
nft.tokenKeys = keys;
nft.treasury = address(this);

// create the expiry schedule for the token using ExpiryHelper
nft.expiry = createAutoRenewExpiry(address(this), autoRenewPeriod);

// call HTS precompiled contract, passing initial supply and decimals
(int responseCode, address tokenAddress) = HederaTokenService
 .createNonFungibleToken(nft);
if (responseCode != HederaResponseCodes.SUCCESS) {
 revert();
}

int responseCodeAssociate = HederaTokenService.associateToken(
 adminAccountAddress,
 tokenAddress
);
if (responseCodeAssociate != HederaResponseCodes.SUCCESS) {
 revert();
}

nftToken = tokenAddress;
createdTokenAddress = tokenAddress;
}
```

**328. By tonydao3923 in the Token Service Channel on 03/31/2023**

I create Solidity contract to transfer HTS NFT but got failed, can anyone help me, pls?

**329. By defigirlxo in the Developer General Channel on 03/30/2023**

Make sure to mark your calendars for the community call on Monday at 4pm UTC! If you have any questions for the Hedera team, comment on this tweet and we'll try to answer what we can <https://twitter.com/hedera/status/1640446207108456453?s=20>

**330. By bugbytes in the Javascript Channel on 03/30/2023**

Given that one .NET process can push 1.5ktps to the network, it should be possible for a mirror node that listens to the actual gossip stream ought to be feasible to be run on modest hardware with a modest connection (ie someone's basement) and siphon off what is important. Having to pay the fees to download these large bundled log shipping files and do the work of parsing everything anyway is what the hangup is, as I see it, disincitivising orgs from helping bear the load. What we were promised were real non-consensus forming gossip mirror nodes.

**331. By adriankbl in the Javascript Channel on 03/30/2023**

Where can I find exactly what can be supported?

**332. By mbswirldslabs in the Javascript Channel on 03/29/2023**

would have been good to have that context before trying to answer a question on made up code...

**333. By rhyssied in the Javascript Channel on 03/29/2023**

It wouldn't necessarily help with reducing latency unless they use/develop the super secret record stream reading logic that DragonGlass use but could be other benefits like less restrictive rate limits, SQL connection access, SLAs, etc

**334. By saadjhk in the Token Service Channel on 03/29/2023**

yeah that's what i thought, thanks for helping!

**335. By .cryptorush in the Javascript Channel on 03/29/2023**

It looks like find account by EVM address does not work if Alias EVM address is not set for an account. How can I specify it when I'm creating it? I tried using ``.setAliasEvmAddress()`` function of Javascript SDK, but it says ``This is not supported``.

**336. By ohm\_pathorn in the Javascript Channel on 03/29/2023**

You should switch to the mirror node API as soon as possible. ``AccountBalanceQuery`` will be deprecated 6 months after the mirror node supports real-time account balance update which was released in Jan <https://github.com/hashgraph/hedera-mirror-node/releases/tag/v0.71.0>. You can expect ``AccountBalanceQuery`` to be deprecated in the middle of this year.

**337. By kishan\_vaghela in the Smart Contracts Channel on 03/29/2023**

Hello there,

We are from SupraOracles(<https://supraoracles.com/>) and doing some testing in your network but unfortunately facing issue in it is there any one who can help us with this. Basically I am facing problem in deployment of smart contract I have tried with remix IDE as well as with Hardhat with various options of Gas limit from 3M to 15M still it gives error of "Intrinsic gas exceeds gas limit".

Can anyone please help me on this

Thanks in advance!

**338. By ronakadeshara\_supra in the Smart Contracts Channel on 03/28/2023**

Hello

Can anyone help me for the explorer part

I have deployed the contract and check that on explorer but not all the details are shown there. as well as I am trying to find the transaction hash for same contract deployment but not found on explorer

I am using this explorer <https://hashscan.io/>

**339. By deejay0076 in the Token Service Channel on 03/27/2023**

got it - it's an interesting point on sending tokens to an exchange and needing a memo...I

don't see how you would do it, unfortunately.

I had a look through the IHederaTokenService.sol in case something was lurking there but I can't see anywhere to set a memo to a transaction so I don't think it can be done.

(Easy to do with an SDK call of course but that does not help you given you want to do form a SC)

**340. By Rishav#4313 in the Smart Contracts Channel on 03/27/2023**

Okay @Pathorn, no issues.

Thank you for your help so far. Have a great day my friend ::)

**341. By Michael Garber#5033 in the Smart Contracts Channel on 03/27/2023**

I am sorry to hear that. Could you post whatever error you are seeing so I can help to further debug?

**342. By ohm\_pathorn in the Smart Contracts Channel on 03/27/2023**

Ah I see what you mean. Are you deploying Provable using JSON RPC relay? I never use Provable before but our JSON RPC relay should be able to support it. Sharing the actual error will be very helpful for investigation.

**343. By supremax67 in the Developer General Channel on 03/27/2023**

I'll leave it to a dev to check it out. Not a common question and it is quite possible this is handled differently on Hedera. Dev will be able to confirm.

**344. By supremax67 in the Developer General Channel on 03/27/2023**

@saurabh08 @swati The very same question asked twice. Are you using 2 accounts on this discord?

**345. By Rishav#4313 in the Smart Contracts Channel on 03/27/2023**

Hey @Pathorn,

I know we can't directly call API's from a smart contract. I already mentioned it in my question that we are willing to explore Oracles for that.

My doubt is that, is it possible to do that with a contract deployed on Hedera and which oracle provider will you suggest?

I used Provable with a contract deployed on Sepolia and it worked but when tried to do the same on Hedera. It's giving different types of errors every time. Like " HBAR Rate limit exceeded"

**346. By akihiko7777 in the Developer General Channel on 03/25/2023**

The work-around I did is I wrapped the token associate function with try catch just to bypass the TOKEN\_ALREADY\_ASSOCIATED error but I'm looking for the right way to deal with it. Any help would be much appreciated

**347. By crypto.sheraz in the Javascript Channel on 03/24/2023**

So i have a function in smart contract that is returning "int64[]", This is how i am calling the function from react js.

```
` const contractQueryTx1 = new ContractCallQuery()
```

```
.setContractId(ContractId.fromString(stakingContractId))
.setGas(100000)
.setFunction("getUserstakedNftIds_collection_1", new
ContractFunctionParameters().addAddress(AccountId.fromString(account).toSolidityAddress()));
const contractQuerySubmit1 = await contractQueryTx1.execute(client);
const contractQueryResult1 = contractQuerySubmit1.getInt64(0);
console.log("Result Bytes: "+contractQueryResult1)

let web3 = new Web3(Web3.givenProvider);
const functionAbi = abi.find(func => func.name === "getUserstakedNftIds_collection_1");

const functionParameters = functionAbi.outputs;
console.log("functionParameters: "+Object.values(functionParameters))
const resultHex = '0x'.concat(Buffer.from(contractQueryResult1).toString('hex'));
console.log("resulthex: "+resultHex)
const result = web3.eth.abi.decodeParameters(functionParameters, resultHex);

console.log('- getAllStakedIds: ${result} \n');
```

But this is not returning the correct data, can anyone help?

**348. By theekrystallee in the Developer General Channel on 03/24/2023**

maybe this can help <https://stackoverflow.com/questions/73280458/hedera-invalid-signature>

**349. By algostudent in the Developer General Channel on 03/24/2023**

Hi, I am working on scheduled transaction for NFT trade. I created scheduled transaction, submitted, then pulled it back using scheduled id, all good till here, and then created sign transaction (and signed it) and submitted. all good, I received success. So, at this time I was assuming its success. when I checked, it was giving error as "INSUFFICIENT\_TX\_FEE" for crypto transfer. My schedule Id is 0.0.3917356. Can you pls help, what I am missing here. Thanks in advance for help.

**350. By felixthewhale in the Token Service Channel on 03/24/2023**

Yes, the sender is the fee collector. 1 fee, 1 collector in fee Custom fees. The purpose of this is the % tax that goes into the DEX liquidity pool. in this case, the fee collector is a pool. Apparently by default the tax is paid by the sender, so in this case, if it is paid, it looks like there is no tax at all. And I thought the "assessment method" option would help (assessment = true the recipient pays the fee)

**351. By .cryptorush in the Javascript Channel on 03/23/2023**

I have another question.

I get HBAR Rate limit errors for some cases, and I want to know the main reason of that error. I feel like it's completely random, because I get that error at different function calls every time I run the script

**352. By mbsworldslabs in the Javascript Channel on 03/23/2023**

as I said, probably a question for the @Hedera Core team. People who have a bit more

knowledge of whats capable on the RPC nodes and mirror node side will know what the problem is.

**353. By loafeur in the Developer General Channel on 03/22/2023**

I have a quick question, can allowances be modified inside smart contracts?

**354. By teacoat in the Developer General Channel on 03/21/2023**

getting the status split out on <https://status.hedera.com/api/v2/status.json> by network would be verrrry helpful

**355. By pwoosam in the Developer General Channel on 03/21/2023**

@pluto (HashPack) I have found some useful info on the status page APIs here: <https://status.hedera.com/api/v2>

And also, it appears that there are some community libraries for Atlassian StatusPage listed here:

<https://support.atlassian.com/statuspage/docs/community-libraries/>

Looks like the hedera team could add their own branding, html, js, and css into Atlassian StatusPage, but don't think they have an opensource project for adding that.

**356. By nilson.bertola in the Javascript Channel on 03/21/2023**

Appreciate the fast reply, wow that will help me so much

**357. By mbsworldslabs in the Javascript Channel on 03/20/2023**

Thats a tough one, I would need to get someone else to help here, apologies. I'm not sure how you can see where the problem is in the proxy contract deploy code.

if you remove the HTS token create in the impl initialize function it works?

**358. By mbsworldslabs in the Javascript Channel on 03/20/2023**

ok, `contract.deployTransaction` isn't visible here in your example of code or error. Where is this and what is it doing? It's really hard to help when we can't see what your doing exactly.

If the gas isn't being set correctly, does this all work not using a proxy factory?

**359. By ohm\_pathorn in the Consensus Service Channel on 03/20/2023**

Hi, the topic api does not support filter by user account. The current limit is 100 messages. Complex query is one of the challenges in DLT and we normally solve it by querying all the messages and save into app db so your app can query using SQL condition to show only messages of a particular user account.

**360. By purpliatst in the Consensus Service Channel on 03/20/2023**

I am not sure about how this solution will help me, as I don't know if any activity of current user exists on new paginated data

**361. By .cryptorush in the Javascript Channel on 03/19/2023**

Thanks for your answer. I'll definitely choose etherjs + JSON RPC relay for new projects. However, my question was about decision on existing project. If hether.js has no active maintenance plan, we have to switch over to ethersjs + JSON RPC sooner than later.

**362. By ohm\_pathorn in the Consensus Service Channel on 03/19/2023**

There are two options to query data from consensus topic.

1. Pub/Sub with gRPC. With this method, your app needs to subscribe to the topic only once and it will keep getting new messages. However, this only works with Javascript Backend since our mirror node gRPC does not support web gRPC. Please take a look at how to subscribe to a topic here <https://docs.hedera.com/hedera/sdks-and-apis/sdks/consensus-service/get-topic-message>
2. Pulling from mirror node APIs. You can have a scheduler on your frontend to keep querying mirror node APIs for messages. This works with both frontend and backend as it's just simple HTTP request. <https://testnet.mirrornode.hedera.com/api/v1/docs/#/topics/listTopicMessagesById>

**363. By deejay0076 in the Smart Contracts Channel on 03/18/2023**

define control for me? broadly yes but better if you help me understand your usecases so I (or someone else!) can give more nuance/confirmation

**364. By ohm\_pathorn in the Developer General Channel on 03/17/2023**

Correct, HashPack does not support ECDSA at the moment

**365. By ohm\_pathorn in the Token Service Channel on 03/17/2023**

Yes our SDK supports ECDSA key. Could you please share the error?

**366. By .cryptorush in the Token Service Channel on 03/17/2023**

I meant if @Hashgraph/sdk supports ECDSA private key.

**367. By bugbytes in the Consensus Service Channel on 03/17/2023**

This might on the surface look a bit over-engineered, but It might be helpful, it replays an entire hcs stream and then keeps itself up-to-date after that. It also re-connects when connections are broken etc.

<https://github.com/the-creators-galaxy/hcs-governance/blob/main/server-net/Services/VotingStreamMonitor.cs>

**368. By deejay0076 in the Developer General Channel on 03/16/2023**

hopefully they will have a quick answer to help

**369. By johnda98 in the Developer General Channel on 03/16/2023**

just testnet being a testnet i might say.. sadly decided to remove testnet as a option for Customers to play-about, do test trades ie Sc deploys etc.. etc.. mainnet only. thats fine.. but yes Bug.. a testnet that does not 99% mirror Main.. in its behavior .. begs the question of purpose/usefullnes in confidence of ones tests before Main.

likely a temp deal..

**370. By ohm\_pathorn in the Token Service Channel on 03/16/2023**

Yes it does. Hedera supports both ED25519 and ECDSA.

**371. By mbsworldslabs in the Token Service Channel on 03/15/2023**

Does this section in the docs answer your question? <https://docs.hedera.com/hedera/sdks-and-apis/sdks/keys/import-an-existing-key>

**372. By Raven777#0556 in the Javascript Channel on 03/15/2023**

Hi all,

I created an account with a key list (3 keys) on TESTNET.

I'm following this documentation to sign a multi-sig transaction:

<https://docs.hedera.com/hedera/sdks-and-apis/sdks/transactions/sign-a-multisignature-transaction>

I don't understand why I need to configure the client with a default private key?

Why, when all keys need to sign the transaction?

<https://docs.hedera.com/hedera/sdks-and-apis/sdks/client>

Thanks, any help greatly appreciated.

**373. By mbswirldslabs in the Developer General Channel on 03/15/2023**

I'll need to get some help on the best way to actually then do the mint part for you.

@Pathorn or @Greg Scullard might be faster to advise the best approach for the minting by a user part of this.

**374. By pennywise01 in the Javascript Channel on 03/14/2023**

Hi guys i am trying to setup hedera local nodes. all good until this error pop out.

I followed the tutorial from <https://docs.hedera.com/hedera/sdks-and-apis/sdks/set-up-your-local-network> idk what's wrong can someone help me please

**375. By ipconfig in the Smart Contracts Channel on 03/14/2023**

Anyone know of any timelines for when HederaTokenService.cryptoTransfer() will be supported?

**376. By edii#1443 in the Consensus Service Channel on 03/14/2023**

thank you for answering me sir ! I'm a big Hedera supporter but I know that a lot of people are concerned after actions made because of the exploit (i think that it was great and the best for the network anyway). Maybe it will be great some doc where team explains better the path to decentralization and how the governing council wont have so much control in the future. Just a humble opinion and advice, my respects to all the team ! :hedera:

**377. By Greg Scullard#5365 in the Consensus Service Channel on 03/14/2023**

This blog explains the reasoning for proxies <<https://hedera.com/blog/network-upgrade-communications-a-new-previewnet-ip-proxies-and-tls-support>>.

Proxies don't determine (de)centralisation, they're a layer of protection for the nodes against certain types of DDoS attacks. Turning off a proxy is one way to disconnect a node from the public internet, same as pulling the network cable from a network card, disabling the network card itself at the operating system level, changing the IP address of the node, closing a port in a firewall, changing a route in a router, etc....

**378. By edii#1443 in the Consensus Service Channel on 03/14/2023**

Hi ! I've read all about the exploit suffered last week and i was wondering..

proxies that can "stop" in some way the network, will be available forever ? When decentralization comes will them still work ? cause in that case decentralization wouldnt be achieve...probably im missing something so if anybody can help me i will be thank !



**379. By supremax67 in the Token Service Channel on 03/14/2023**

Escrow account where the private key is unknown? Like a recycle bin account where you can't undo tokens you send there?

Should be easy to setup, make a new account, associate the token, reset the private key and don't write down the private key anywhere.

Account would also help in keeping track how many you burned.

**380. By purpliatst in the Developer General Channel on 03/14/2023**

Thanks alot for your help. Really appreciate it.

3) Does Treasury means my own account or Hedera's Treasury account. Also, how can I mint infinite NFTs only once and have full control over it.

**381. By deejay0076 in the Developer General Channel on 03/14/2023**

@karamosaa it sounds like you have a lot of design decisions to make. To the extent it helps I have tried to answer a few questions below:

1) Need a Smart Contract?

-> No. You don, have to have one. You can implement easily using Hedera SDK of your choice and native calls or using Solidity. It comes down to how you build trust. both options have pros/cons.

2) NFT the same

-> yes it will be the same. if you don't put appropriate metadata it will show without an image (personally a stock 'ticket' image would be better but up to you)

3) Burn NFT

-> both SDK and Solidity have access to burn/wipe methods. Assuming you have the supply key you can burn from treasury, if you have a wipe key you can burn from everywhere. Harder to build trust on the later - my opinion - but you can wrap in Solidity to prove you have restricted what the wipe key can do.

4) Documentation:

The Hedera documentation is pretty good. If you run into specific quirks ask away and hopefully someone else who has done something similar can help.

<https://docs.hedera.com/hedera/core-concepts>

**382. By purpliatst in the Developer General Channel on 03/14/2023**

Hi Devs, please help me.

I want to let users buy passes for my game and if the user has that particular pass, then I want to give user an advantage in my game.

Imagine I have silver pass for 100 Hbars, gold pass for 200 Hbars.

These passes supply are unlimited and each pass is one time use only (they will be burned after their use).

How should approach these passes? Is it nfts? If so, please suggest any documentation.

**383. By donravle in the Developer General Channel on 03/13/2023**

Can anyone help me with understanding finality on Hedera? I'm playing with the HTS and I noticed that majority of transaction receipts are generated under 1 second. Hedera openly speaks about 5 seconds finality so I'm wondering is it safe to proceed with code execution immediately after I get my transaction receipt or should I wait for about 5 seconds, check if the transaction is in hashgraph and then finally proceed with code execution? I know that's silly, but in theory you could get a receipt and transaction could not be finalized anyway. Ofc, maybe I'm having false understanding about this so every help would be appreciated

**384. By houseonfire0 in the Developer General Channel on 03/12/2023**

I have been working hard on my website and finally i was able to run it. I put my localhost into hashpack, the app comes up, i pair my wallet + the pairing string pops up, i can authenticate the account (uses a jwt token as advised here i believe), and then they can play the game. The winner gets their winnings and loser loses their coins properly. My questions on this are,

It seems the game plays just fine when i only do pairing and do not move on to auth. Do i need to only pair the wallet? Why would I want to auth an account vs just pairing it?

I am using just a regular TransferTransaction right now, which I understand is improper and i need to make a smart contract call for the game to start. I have a few contracts set up already for my backend for the treasury and permissions, and a relay contract intended to act as a mid point between my treasury and the frontend /player playing the game.

To do this correctly, would I make a function within the contract that requests to start the game, the contract calls the game function and the game is played, and then within the contract itself I would transfer the winnings to the proper winner? Never using transfertransaction again. Thank you for helping me with this.

**385. By deejay0076 in the Smart Contracts Channel on 03/12/2023**

not sure exactly what you are after, not sure there is a consolidated 3rd party resource. ask away is specific questions. in general the hedera docs get the job done I find.

**386. By Harut#8853 in the Smart Contracts Channel on 03/11/2023**

Hello. I am learning about hedera platform. I have a question about fungible tokens. How can I implement token burning? As I know it is disassociateToken(Am I roght?) But I didn't find how hedera give user address to precompiled address(I mean 0x167)

**387. By yonac1#9688 in the Developer General Channel on 03/11/2023**

hey guys, I need help, there are so many libraries to use to transfer funds using hedera hashgraph, which one do you think it's the best one for me if the user gonna be able to connect to the dApp HashPack or MetaMask

**388. By jonnyutah\_ in the Developer General Channel on 03/11/2023**

I'm not sure if this the right place but I cant find support for Pangolin. I cannot connect my Hashpack wallet to Pangolin. Is this an issue from earlier this week?

**389. By vr1587 in the Smart Contracts Channel on 03/08/2023**

thank you very helpful

**390. By zilib in the Developer General Channel on 03/08/2023**

Hey all quick safety question, canhedera account id be stored in browser localStorage or another easy to look into way? Or it is very sensitive data and should never be visible for final user

**391. By funkill in the Smart Contracts Channel on 03/07/2023**

Hi guys, I would like to learn writing Smart contracts. ( as a hobby, nothing serious and for Hedera but feel free to recommend other networks too) could u guys help me out what programming languages should I learn in the beginning?

**392. By sergicanal in the Token Service Channel on 03/07/2023**

My question here would be, let's say a transaction includes only one NFT transfer to account A, since nft\_transactions is not included in the query, would the filter consider this transaction if it does not include account A anywhere except the nft\_transfers?

**393. By Greg Scullard#5365 in the Smart Contracts Channel on 03/07/2023**

Yup, hardhat and truffle work well.

One of our Developer Evangelists posted this yesterday which may be helpful: <<https://docs.hedera.com/hedera/tutorials/smart-contracts/deploy-a-smart-contract-using-hardhat>>

**394. By Greg Scullard#5365 in the Token Service Channel on 03/07/2023**

Are you looking for transfers of a particular NFT/Token or any transfers ?

The challenge with a general purpose database containing large data sets is that you often have to tune it to work for certain queries which makes other queries non-performant.

Another solution is data duplication which on large datasets has an increased storage cost and reduces the speed at which the data can be written to the database (you're writing it twice).

There is a graphql endeavour which may help you solve your requirement (<https://www.hgraph.io/>)

Depending on your use case, running a custom mirror that tracks only the transactions you're interested into and stores the data in a manner that's efficient for your use case may also make sense.

**395. By purpliatst in the Developer General Channel on 03/06/2023**

please help

**396. By miguelnietoa in the Developer General Channel on 03/06/2023**

Hi guys,

Are there grants to support the development of a Hedera SDK?

Does the HBAR Foundation accept this type of project?

**397. By johnda98 in the Smart Contracts Channel on 03/06/2023**

.. see I even put nice thread sleep bits in to help nodes gain consensus before final append

**398. By sergicanal in the Token Service Channel on 03/06/2023**

Hello, Is there any way to detect `nft\_transfers` and index them? I found that the `transfers/` api call will include `token\_transfers` but not `nft\_transfers` which is only included when calling `transfers/{id}`. I have found this issue talking about it: <https://github.com/hashgraph/hedera-mirror-node/issues/4099>.

My question would be, understanding that `transfers/` does not include `nft\_transfers`, and querying `transfers/{id}` for every transaction submitted to the network just to see if it contains nft transfers is not feasible; Is there another way in which to approach the problem to be able to detect and index nft transfers in real time?

**399. By deejay0076 in the Token Service Channel on 03/06/2023**

if you use ethers/web3 to encode the values against the ABI then you would have no issue but using the strongly typed hedera helper methods you need to line them up.

**400. By deejay0076 in the Token Service Channel on 03/06/2023**

your method is expecting string/string/string/int64/int64

your JS is sending string/string/string/int64/\*\*uint32\*\*

(as I flagged before)

if you implemented the fallback() method and emit an event inside it you would be able to see it is not hitting the method you intended. I do this to help me notice when i likely have a mismatch.

**401. By deejay0076 in the Token Service Channel on 03/06/2023**

Thanks @king4198 . Could you also share the error stack? script you used? where the error occurred? happy to help with some context.

as a quick guess it is your arguments supplied not type matching:

```
...
function createNft(
 string memory name,
 string memory symbol,
 string memory memo,
 int64 maxSupply,
 int64 autoRenewPeriod
)
...
...
```

```
new ContractFunctionParameters()
 .addString("Fall Collection") // NFT name
 .addString("LEAF") // NFT symbol
 .addString("Just a memo") // NFT memo
 .addInt64(250) // NFT max supply
 .addUint32(7000000) // Expiration: Needs to be between 6999999 and 8000001
);
...
```

**402. By deejay0076 in the Smart Contracts Channel on 03/03/2023**

so HTS FT/NFTs do not support ERC20Burnable/ERC721Burnable so I implemented that with a SC wrapper.

```
...
function burnToken(address token, uint64 amount, int64[] memory serialNumbers)
internal
returns (int responseCode, uint64 newTotalSupply)
{
 (bool success, bytes memory result) = precompileAddress.call(
 abi.encodeWithSelector(IHederaTokenService.burnToken.selector,
 token, amount, serialNumbers));
 (responseCode, newTotalSupply) =
 success
 ? abi.decode(result, (int32, uint64))
 : (HederaResponseCodes.UNKNOWN, 0);
}
...
```

this is from the Hedera pre-compiles and works for FT (token/amount) or NFT (token, serial array \*\*do not send amount)

**403. By Michael Garber#5033 in the Java Channel on 03/03/2023**

This article should help you <https://medium.com/@ben.che/hedera-java-sdk-2b28d3e0c328>

**404. By deejay0076 in the Smart Contracts Channel on 03/03/2023**

I do not see how it could - associations are for native Hedera Token Service tokens. An HTS NFT token is broadly compatible with acting as an ERC721 token for Solidity if that helps. If you deploy an NFT using an ERC721, you would have to rely on (and maybe build) the infrastructure to handle them correctly.

If you want to have an NFT with enhanced functionality then I would suggest minting the NFT from a Smart Contract and adding advanced functionality around it. If you just want to mint an NFT then I would go with a native HTS token as it will give you a simpler and better outcome. Open to having my mind changed of course!

**405. By Wassim | The Hashgraph Tower#4631 in the Developer General Channel on 03/03/2023**

Hello everyone,  
A quick question that may seem silly.

Is there a limit to the number of NFTs that can be created?  
For example, if I want to create 300,000 NFTs on one token ID.

**406. By harishharidas93#7601 in the Token Service Channel on 03/01/2023**

Hi all, I am working on creating a dapp using hedera network and hashpack.

I am trying to do a transfer transaction. Is it required a signature from both seller and buyer. How can we manage the seller signature and only buyer will be active there. Also is there any dapp account and dapp need to sign these. If yes, why

Any help/discussion would be appreciated

**407. By ohm\_pathorn in the Developer General Channel on 03/01/2023**

Hi, you can simply use JWT with OAuth to do the authentication. Please take a look at this flow and let me know if you have any question. [https://docs.oracle.com/cd/E55956\\_01/doc.11123/oauth\\_guide/content/oauth\\_flows.html](https://docs.oracle.com/cd/E55956_01/doc.11123/oauth_guide/content/oauth_flows.html)

**408. By fireball2427 in the Smart Contracts Channel on 03/01/2023**

I have a question.

**409. By fireball2427 in the Developer General Channel on 03/01/2023**

Yes, Thank you for your kind help.

**410. By deejay0076 in the Developer General Channel on 03/01/2023**

this is a feeling I know... couple of decades back I would have been excited to help. now I hide in JS/solidity and the cobwebs scare me.

**411. By cosm0\_web3 in the Developer General Channel on 03/01/2023**

oh, yeah sure mb! thanks for your kind help

**412. By deejay0076 in the Developer General Channel on 03/01/2023**

(i have never found a need to set setDefaultMaxTransactionFee() if that helps)

**413. By fireball2427 in the Developer General Channel on 03/01/2023**

I want to ask some about smart contract deployment on JS script.  
I have this error when I tried to deploy a bytecode.

ReceiptStatusError: receipt for transaction 0.0.3541070@1677696311.812723663 contained error status INSUFFICIENT\_GAS

What should I do?

I had 15 Hbar on testnet wallet before run deploy script and I applied setDefaultMaxTransactionFee() setting with 50 Hbar.

If anybody knows about solution, plz help me.

**414. By houseonfire0 in the Developer General Channel on 03/01/2023**

Thank you for all the help. I was hoping you could point me in the right direction when it comes to the auth token. i followed the youtube video by jaycool on authing the wallet upon pairing. How can I determine a safe token that can be authenticated on the front and back end and be unique to the specific player that is connecting? I was thinking to

take the receipt of the wallet pair and relaying it to the backend also? Ive been searching for how to do this and not finding much. Perhaps my search terms are wrong or i am just going about this all wrong I'm not sure now lol. I'm just trying to understand and demonstrate these concepts so i can expand in the future to other projects .

**415. By cryptoroshan in the Developer General Channel on 03/01/2023**

I have one more question.

In a multi signature, it has to use the public key.

In my frontend code, how can I get public key?

**416. By cryptoroshan in the Developer General Channel on 03/01/2023**

@Greg Scullard Hello, sir.

Please help me.

Please look my code.

**417. By deejay0076 in the Token Service Channel on 03/01/2023**

it should not be needed but in some (recent) versions of the JS SDK adding this helped remove some resolution errors and I don't think there is downside so i keep it in just in case

**418. By cryptoroshan in the Developer General Channel on 02/28/2023**

@Pathorn I am going to do the non-custodian option.

So, I tried to implement the scheduled transaction.

But I didn't yet.

I have a few question.

1. When seller list nft in a marketplace, schedule transaction will be created?

2. When buyer buy a nft, how can I do in frontend? Do I sign a schedule transaction in frontend?

Please send me a schedule transaction example.

**419. By ohm\_pathorn in the Developer General Channel on 02/28/2023**

Hello, happy to help. How do you plan to implement your marketplace? Are you using a smart contract?

**420. By cryptoroshan in the Developer General Channel on 02/28/2023**

@Pathorn Hello sir.

Please help me.

**421. By cryptoroshan in the Developer General Channel on 02/28/2023**

Hi.

I am a beginner of Hedera.

I am developing NFT marketplace.

And I have trouble with implement buy nft function in marketplace.

Now, I have implemented listing nft function.

How can I implement buy nft function in marketplace with hashgraph/sdk?

How can I receive nft without nft allowance?

Please help me.

**422. By deejay0076 in the Smart Contracts Channel on 02/28/2023**

Yes - queries cost (negligible - often a fraction of an hbar) amounts. Several routes

available, events queried from the JSON-RPC relay using your favourite helper library (ethers/web3) or queried from mirror nodes. Eventually I believe we will see state exposed on mirror nodes (see mirror node release notes for direction of travel) to make queries free without needing network resources so no gas. As of today it depends on your usecase but a middleware layer to cache and an occasional query to the SC paid for by a separate project wallet can work if you wish to obfuscate the cost to the user and remove friction.

**423. By webified1 in the Developer General Channel on 02/28/2023**

Thank you. I will check that out. A bigger limit will help

**424. By deejay0076 in the Developer General Channel on 02/28/2023**

You can filter on transaction type (e.g. crypto transfer) then use a recursive loop to pull what you need as you paginate. You can get 100 results per page and I think public mirror still supports a 100 TPS rate limit. It's pretty quick to parse life to date account history even for an exchange (it's amusing seeing the memos people send...)

**425. By mcneil\_ in the Developer General Channel on 02/27/2023**

lol, yea, sorry I couldn't be of more help

**426. By ohm\_pathorn in the Developer General Channel on 02/27/2023**

Hi @McNeil, happy to help. Did it build successfully before? What's the node version you are using?

**427. By webified1 in the Developer General Channel on 02/27/2023**

Can anyone help me with a decent method to get a list to transactions for a particular Account ID? I am hoping to be able to specify the account, and ideally a token ID, and get a list of all transfers of that token into and out of that account. What would you say is the best source or approach to do this?

**428. By johnda98 in the Smart Contracts Channel on 02/27/2023**

anythings possible if you have a Budget for a on-protocol FT/ NFT marketplace.  
answered your Question on query cost for SCs in prev post. yes, Mohsin is correct there is a very active in-protocol HTS FT/NFT market already on this ledger

**429. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/27/2023**

@Jaaaz there is a vibrant NFT community on Hedera. With regard to your specific questions on \_OpenSea\_ equivalent marketplace, I will tag @Ashe Oro (The Zar of everything NFT)

**430. By ohm\_pathorn in the Smart Contracts Channel on 02/27/2023**

The simple answer is yes but you will need a developer to help you convert all the business logic and conditions.

**431. By b.raaa in the Smart Contracts Channel on 02/26/2023**

Quick question from a non-dev currently looking to adopt smart contracts onto an existing service platform we are building; In simple terms, is it possible to convert existing contract documents (pdf or similar) into a smart contract? For example - if I were to be sent a standard service contract agreement that has terms including automatic changes to the agreement once a timeframe or certain requirements are met.. could this be converted to a smart contract to streamline the process & ensure trust etc..



**432. By coltsfanatic07 in the Token Service Channel on 02/26/2023**

I've got a quick question, regarding whether or not a token association fee is applied when the account is configured for automatic token association? I would assume so, but can't seem to find documentation confirming that.

**433. By rhyssied in the Developer General Channel on 02/26/2023**

I'm not sure what it is but I'd expect there are some mechanisms they can employ as it has also been discussed in terms of people uploading illicit materials to the file service.

It's an interesting question though

**434. By nubeasado in the Developer General Channel on 02/25/2023**

hashpack is probably most popular, chrome extension, ledger support, dapp connections

**435. By johnda98 in the Smart Contracts Channel on 02/25/2023**

on-protocol ERC standards implement well Jaaz.. I deployed a erc20 to mainnet in Feb 2019. - a good while before HTS in-protocol token Service appeared. - just note the slight differences in the Hedera EVM tuning ie no msg.data for ERC777 and no executing fallback or receive().. can deposit hbar into a contractID from a wallet but if you have those funcs.. they wont trip, thus msg.sender, msg.value will be null. - which is ok for most usecases. note the Admin key and the autorenew functionality upon deploy. oh and the solc version supported.

**436. By rhyssied in the Developer General Channel on 02/25/2023**

tbh from a brief Google search (so take it with quite a hefty pinch of salt) they don't seem to be supported very well on other chains. Even MEW recommend against using them due to the lack of support / inability to use them with other wallets.

For Hedera most wallets will let you create/import using a Private Key, so you could use custom derivation index with a reasonable amount of support (the only ones that wouldn't support it are wallets that only let you import with a mnemonic and only assume index 0 which is the standard).

The derivation index could be brute forced if someone had the mnemonic, but this could take a long time using standard hardware. If you wanted to try and increase the difficulty you could also look at using multisig with different indices so even if someone found the mnemonic(s) they'd have to brute force N keys

**437. By rhyssied in the Developer General Channel on 02/25/2023**

By 25th do you mean a passphrase or do you mean an actual 25 word mnemonic? 24 is the standard for most wallets on Hedera, with a minority of wallets using 12 (usually ones that support multiple networks so have their own derivation logic)

**438. By supremax67 in the Developer General Channel on 02/24/2023**

@HashTree Did you give someone only 21 mins to answer your question?

**439. By rhyssied in the Developer General Channel on 02/24/2023**

We have a page where you can play around with generating keypairs and use different derivation indices

<https://app.yamgo.com/hedera-keypair-generator>

Doesn't support passphrases though

**440. By deejay0076 in the Developer General Channel on 02/24/2023**

I believe there was a testnet release yesterday but release notes are not helping me too much

**441. By Saiprasad#7452 in the Consensus Service Channel on 02/24/2023**

Hey I am finding it difficult to submit a message to a topicId on testnet this is happening since the Reset was done, can anyone help me?

**442. By cypher0511 in the Developer General Channel on 02/23/2023**

hi need urgent help on a project based on hedera using joget platform please ping

**443. By supremax67 in the Developer General Channel on 02/23/2023**

It would help to know why you want it based on Ethereum? Is there something specific on Ethereum that can't be built on Hedera?

If you are offering a product, 99% of your consumers won't care on which platform it is running, they'll only care that it works. However, you'll care that it is fast, fair, cheap and secure; that's not even Ethereum 2.0, that's Hedera.

**444. By nilson.bertola in the Javascript Channel on 02/23/2023**

Hello everyone.

I'm working on a project that we have some cases that will need to have consecutive transactions.

For Example:

I have a KYC'ed account but the token manager figured out strange behaviour and he wants to remove the KYC from that account. After some investigation he wants to wipe out the tokens.

To wipe the tokens I'm granting KYC back (executing the transaction) wiping the account (executing the transaction) revoking KYC again (executing the transaction)

My question is, Does hedera has some way to wrap those 3 transactions in only one?

For reference I worked before with algorand, they have atomic transfers (ref: [https://developer.algorand.org/docs/get-details/atomic\\_transfers/](https://developer.algorand.org/docs/get-details/atomic_transfers/))

**445. By youngpatrice in the Developer General Channel on 02/22/2023**

Hey builders,

I'm Pat from thirdweb, here to drop some alpha. As of today, our best-in-class web3 development tools work out of the box with any smart contract — on any EVM chain, including Hedera!!!!

This means that any existing smart contract can be plugged into thirdweb to unlock our web3 SDKs, a decentralized storage service that uploads & pins files to IPFS for you,

plug-and-play UI components, and more (did we mention it's free?).

We're excited to support y'all with a universal framework to build web3 apps! Learn more & get all the details here: <https://twitter.com/thirdweb/status/1628475271698612225?s=20>

**446. By .cryptorush in the Javascript Channel on 02/21/2023**

I have one question. There is Hashgraph Javascript SDK, and hethers.js. Which one is more reliable to use (in other words, which one is actively maintained)

I'm asking because I use hethers.js for automated tests & deployments of the contracts, but getting some gRPC timeout / other errors while testing/deploying on testnet/mainnet.

**447. By .robotjones in the Smart Contracts Channel on 02/21/2023**

I'm a dev with 10 years of web2 experience and now 1 year of web3 on Hedera, and I'm wanting to learn smart contracts. How to write them, use them, best practices, etc. And I have so many questions. What are some good resources you'd recommend for learning?

**448. By nonsense#5906 in the Token Service Channel on 02/21/2023**

question: i use contract A to call contract B's function approve

**449. By rhyssied in the Javascript Channel on 02/20/2023**

the maximum size of a transaction is 6KB. The screenshot you posted shows the size limit for a single file on the file service.

If you want to upload a file larger than 6KB (or slightly less given the size of the transaction itself) you need to split the file and submit file append transactions (I'm not sure if there are any helper methods in the SDKs to help automate this process)

**450. By davinci783 in the Developer General Channel on 02/18/2023**

Hi

i minted some Arweave-Based NFTs

send me a test net account

and associate this token to your testnet account :

0.0.3515375

i will send you some of these NFTs so you can support Arweave-Based NFTs on your dapp

check these links:

<https://davincigraph.medium.com/hedera-hashgraph-arweave-and-hashpack-a-new-era-for-nfts-b5ce5a01e0c9>

<https://davincigraph.medium.com/how-dapps-can-utilize-arweave-data-storage-for-nfts-on-hedera-hashgraph-404086170c6cc6c>

**451. By deejay0076 in the Token Service Channel on 02/18/2023**

Can you help layout the fund flows for each leg? Sender: NFT & FT to Receiver (treasury for just the NFT or the FT too?) is there any economic value being sent from Receiver back to Sender?

**452. By harris224 in the Developer General Channel on 02/18/2023**

I need your help.

**453. By AbsolutelyNot#3226 in the Developer General Channel on 02/18/2023**

Well the preference would be for us to support the most convenient usage pattern for the community. . But yes, mirror node should be the way to go as HashIO will be querying the mirror node and going via HashIO will only add a bit of latency.

**454. By mcneil\_ in the Developer General Channel on 02/18/2023**

also my question was, when calling the pseudoRandomNumber function on main net, there should be enough traffic where i'm never able to access the same block or whatever is currently happening accidentally, right?

**455. By deejay0076 in the Developer General Channel on 02/18/2023**

I tend to bring some of these helper functions with me to each repo as they get good reuse.

'also to clarify this should be impossible to happen on main net right' -- not sure the question

**456. By mcneil\_ in the Developer General Channel on 02/18/2023**

quick question i remember you telling me a few days ago that you would set client.setOp for unique account transaction calls, do you ever run into issues doing this repetitively? every time i try making a loop to create account > setop -> call contract it crashes, even a loop of 2 or 3

**457. By mcneil\_ in the Developer General Channel on 02/18/2023**

Hey thank you. I eventually decided that must be the case but your implantation will be very useful for testing thank you, and that git is filled with nice helper functions haha, also to clarify this should be \*impossible\* to happen on main net right?

**458. By deejay0076 in the Developer General Channel on 02/18/2023**

GM GM - are you in the hashpack discord? they have a dev channel where you might get more help on this hashconnect related query. Their reference demo is pretty good.

**459. By tahlil in the Developer General Channel on 02/17/2023**

Does hedera file service support uploading and retrieving image file?

**460. By deejay0076 in the Smart Contracts Channel on 02/17/2023**

I personally use web3.js to decode [ethers works too, of course]

...

```
async function contractExecuteQuery(cId, gasLim, fcnName, params, queryCost = new
Hbar(0.001)) {
 const contractCall = await new ContractCallQuery()
 .setContractId(cId)
 .setGas(gasLim)
 .setFunction(fcnName, params)
 .setQueryPayment(queryCost)
 .execute(client);

 return decodeFunctionResult(fcnName, contractCall.bytes);
}
```

```
function decodeFunctionResult(functionName, resultAsBytes) {
 const functionAbi = abi.find(func => func.name === functionName);
 const functionParameters = functionAbi.outputs;
 const resultHex = '0x'.concat(Buffer.from(resultAsBytes).toString('hex'));
 const result = web3.eth.abi.decodeParameters(functionParameters, resultHex);
 return result;
}
...
```

There may well be hard-typed helper method in the Hedera SDK by now however, I hold out on using the ABI to keep it generic and reusable.

**461. By deejay0076 in the Smart Contracts Channel on 02/17/2023**

You're welcome. Just a random user helping another out based on lessons learnt in the trenches

**462. By deejay0076 in the Developer General Channel on 02/17/2023**

that is again your design question. you should architect it to be impossible to happen.

**463. By jepaninja in the Developer General Channel on 02/17/2023**

I have another question: when minting an NFT using a dapp and two users or more minted at the same time, is it possible that the NFTs they're gonna get has the same metadata?

**464. By jepaninja in the Developer General Channel on 02/17/2023**

Thank you sir. This answered my question

**465. By jepaninja in the Developer General Channel on 02/17/2023**

I have a question sir about this one. When deploying a minting dapp, do you save the private keys on the .env file?

**466. By deejay0076 in the Token Service Channel on 02/17/2023**

@nonsense could you help define the question a little more? sending using approvals is a little different to sending hbar without. happy to try and help if you can set us up to answer the right question for the use case you have.

**467. By AbsolutelyNot#3226 in the Token Service Channel on 02/16/2023**

Did this help ?

**468. By supremax67 in the Token Service Channel on 02/16/2023**

If your question could be more specific, that might also help.

**469. By AbsolutelyNot#3226 in the Developer General Channel on 02/16/2023**

It's still early here. Let me see if I can get you some help.

**470. By supremax67 in the Smart Contracts Channel on 02/15/2023**

Any way you have to exploit a network for "free" API calls is costing the network down the line. No such thing as free. Always ask the question, how can this be free?

**471. By Hedera Legacy#4581 in the Developer General Channel on 02/15/2023**

Is there a advocate online who could dm me. Question.

**472. By craigdrabik in the Developer General Channel on 02/15/2023**

Java and Javascript probably have the most folks using them and so there will be more people to help when you get stuck

**473. By RaphaelM#1144 in the Javascript Channel on 02/15/2023**

Hey ! Some complex type are not supported by the SDK.

So you will need to use commonly known libraries (web3.js, ethers.js, web3.j and abiDecode.js) to encode and decode contract function parameters and results.

You can check this repo : <https://github.com/hashgraph/hedera-smart-contracts-libs-lab> to see some examples.

**474. By crypto.sheraz in the Javascript Channel on 02/14/2023**

Im having a small issue, Would you please be able to help me?

So i am calling this smart contract funtion

```
\nfunction getUserstakedNftIds_collection_1(address _user) public view returns (int64[] memory){\n int64 len = numberTokensStaked_collection_1[_user];\n int64[] memory temp = new int64[](uint64(len));\n for (int64 i = 0; i < len; ++i) {\n temp[uint64(i)] = ownerTokenIds_collection_1[_user][i];\n }\n return temp;\n}\n\n
```

Its returning a int64[] but how do i get this value in js? Currently i am using this

```
\nconst contractQueryTx1 = new ContractCallQuery()\n .setContractId(ContractId.fromString(stakingContractId))\n .setGas(100000)\n .setFunction("getUserstakedNftIds_collection_1", new\nContractFunctionParameters().addAddress(AccountId.fromString(account).toSolidityAddress()));\nconst contractQuerySubmit1 = await contractQueryTx1.execute(client);\nconst contractQueryResult1 = contractQuerySubmit1.getInt64(0);\nconsole.log('- getAllStakedIds: ${contractQueryResult1} \\n');\n\n
```

But from this i get a value of 32 which is wrong

Would you solution to this?

**475. By tahlil in the Smart Contracts Channel on 02/14/2023**

Yes perhaps a caching system might be helpful either way the fact that it's not free to have to be kept in mind...do you have ballpark figure how much more gas would be needed for state changing tx compared to nonstate changing tx?

**476. By Michael Garber#5033 in the Smart Contracts Channel on 02/14/2023**

For the time being there is no way in local node.

There is a issue in services repo, which will fix this <https://github.com/hashgraph/hedera-services/issues/4126>.

Engineering is actively looking at the best way to unblock this. Ill keep you all posted.  
Good to hear this local node feedback, so thank you, as it helps us to prioritize

**477. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/13/2023**

You can not get it from Consensus nodes.

As I have mentioned this earlier (<https://discord.com/channels/373889138199494658/768621337865486347/1070754318879301733>) so you have to get it from from the MirrorNode. HGraph is API on top of the MirrorNode data. Your other option would be to wait for TheGraph support. (<https://github.com/hashgraph/hedera-json-rpc-relay/issues/438>)

**478. By .cryptorush in the Smart Contracts Channel on 02/13/2023**

I have one question with NFT supported by HTS. When we mint, we can send multiple metadata as bytes array. But how can I get back all those metadata array? From getNFTInfo function, it only returns one bytes metadata.

**479. By krisnamic in the Developer General Channel on 02/13/2023**

Thanks for the reference, another question tho, how can we sign the transfer NFT/ fungible token using the treasury key if we're connecting using MetaMask wallet in web3.js?

**480. By johnda98 in the Smart Contracts Channel on 02/13/2023**

swamped busy.. would love to.. but its not my issue.. was a suggestion for salaried core team to tune wording to help newcomers. all good

**481. By johnda98 in the Smart Contracts Channel on 02/13/2023**

@AbsolutelyNot frwr to whomever maintains the docs.. help the noobs.. should read as 'that calls' or 'that uses the'. <https://docs.hedera.com/hedera/tutorials/smart-contracts-service/deploy-a-contract-using-the-hedera-token-service>

**482. By mcneil\_ in the Developer General Channel on 02/13/2023**

So update the Op for every new contract I wanna send right? Thank you. Another question, If I set owner to msg.sender in the constructor of my SC, will this be the client at time of contract deployment? aka my hedera portal credentials?

**483. By dss200#5634 in the Smart Contracts Channel on 02/13/2023**

```

```
let helloHedera = require("./contracts/HelloHedera.json");
const bytecode = helloHedera.data.bytecode.object;

const createContract = new ContractCreateFlow()
  .setGas(2610868) // Increase if revert
  .setBytecode(bytecode); // Contract bytecode
const createContractTx = await createContract.execute(client);
const createContractRx = await createContractTx.getReceipt(client);
const contractId = createContractRx.contractId;
```

```

I was trying to deploy the contract by `ContractCreateFlow`

But I am still getting `ReceiptStatusError: receipt for transaction 0.0.3120905@1676276501.555566632 contained error status CONTRACT\_REVERT\_EXECUTED`

I confirmed there's no error in the contract and `FileCreateTransaction`, `ContractCreateTransaction` were working.

Appreciate if anyone can help me

**484. By mcneil\_ in the Developer General Channel on 02/12/2023**

heres the helper function: ```async function contractExecuteFcn(cId, gasLim, fcnName, params, amountHbar) {

```
 const contractExecuteTx = new ContractExecuteTransaction()
 .setContractId(cId)
 .setGas(gasLim)
 .setFunction(fcnName, params)
 .setPayableAmount(amountHbar);
 const contractExecuteSubmit = await contractExecuteTx.execute(client);
 const contractExecuteRx = await contractExecuteSubmit.getReceipt(client);
 return contractExecuteRx;
 }````
```

**485. By mcneil\_ in the Developer General Channel on 02/12/2023**

Hey another quick question, in the following code on the testnet it transfers from OP to contract, how could I change these paramaters around to send the request from an account i created ```tempParams = new ContractFunctionParameters()

```
 .addAddress(contractId.toSolidityAddress())
 .addUint256(payableAmt * 1e8);
 const Rx = await contractExecuteFcn(contractId, gasLimit, "enter", tempParams, payableAmt);
 }````
```

**486. By dayve\_ in the Developer General Channel on 02/12/2023**

Hi there.. if you want to buy HBAR there's couple of way to go about it..

1. Use Hashpack then buy usdc directly on there and convert to HBAR.
2. Get a Hashpack wallet then buy HBAR from a centralised exchange like binance and transfer to Hashpack..

I hope this helps. If you have any questions or challenges along the way do reach back.

**487. By jepaninja in the Developer General Channel on 02/11/2023**

I have another questions sir, if you have an idea about this one. Is there a standard licensing for NFTs?

**488. By AbsolutelyNot#3226 in the Developer General Channel on 02/11/2023**

Would this help ?



<https://hips.hedera.com/HIP/hip-412.html>

**489. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/11/2023**

> The auto-renewal fee for a contract is \$0.026 USD per 90 days

<https://docs.hedera.com/hedera/core-concepts/smart-contracts/gas-and-fees#smart-contract-rent-frequently-asked-questions-faq>

**490. By .cryptorush in the Smart Contracts Channel on 02/10/2023**

I have one question with smart contract rents. For the UniswapV2Pair contract (HBAR-USDC, etc) / WHBAR contract, contract itself holds HBAR so I think it'll be paying contract rent properly. Trouble is that the pair will be broken because HBAR amount will be changed. Same for WHBAR. Do we need to recharge HBAR to these contracts after rent payments? If so, how can we get the amount that is paid for rent?

**491. By AbsolutelyNot#3226 in the Developer General Channel on 02/10/2023**

Haye, can you DM me what you are trying to accomplish with your own node. As Nick said, we have we initiatives in the pipeline and the feedback will be helpful.

**492. By asheoro in the Developer General Channel on 02/10/2023**

also @altoid , it seems that the mirror nodes do support the EVM tx hash and that a bug in Hashscan is currently preventing searching by tx hash.

For example: <https://testnet.mirrornode.hedera.com/api/v1/contracts/results/0x736f6137fd6bd9eba4ad3d24642aa16fe0e89fc2bd943d1e9b49eb6bfe97b012>

But broken in Hashscan: <https://hashscan.io/testnet/search-result/0x736f6137fd6bd9eba4ad3d24642aa16fe0e89fc2bd943d1e9b49eb6bfe97b012?errorCount=0>

...i'll file a bug against Hashscan and thx for bringing this to my attn.

**493. By altoid\_\_ in the Developer General Channel on 02/10/2023**

My proof of concept is all set now, thank you so much for all your help I ended up just going with previewnet HIP-538 is a big deal for us makes things much more usable. Testnet was essentially not operative for EVM so probably something going on in that RPC adapter layer

**494. By dayve\_ in the Developer General Channel on 02/10/2023**

This blog should help with your question sir

**495. By deejay0076 in the Developer General Channel on 02/09/2023**

I don't know of any - most people take advantage of HTS tokens [the infrastructure for ERC721 versions is not here].

I would argue HTS NFTs are superior and native but respect the choice if you decide to go with an ERC721 implementation however will need work to put all the other supporting pieces in place.

**496. By asheoro in the Developer General Channel on 02/09/2023**

it uses our gRPC nodes but only supports ED25519 keys

**497. By altoid\_\_ in the Developer General Channel on 02/09/2023**

yeah this is another question

**498. By altoid\_\_ in the Developer General Channel on 02/09/2023**

@Ashe Oro I'm stuck again - I switched the node on the network in my metamask and it gets past the "you don't have any balance" issue but now my transactions are going into an error state

account <https://hashscan.io/testnet/account/0.0.3403856?p1=1&k1=1675805280.247049003&p2=1>

evm txid of failed send

`0x3672cf9e0e1c9961c6018bde1be01d07dee4cf076159de22f1114bb644156dff`

I can't figure out where to put the txid to get more info, hashscan does not work for evm tx ids

Please help

**499. By Oxfanon in the Developer General Channel on 02/09/2023**

<https://docs.hedera.com/heders/application-programming-interface/providers/provider/logs-methods>

I found this lets see if this helps

**500. By deejay0076 in the Smart Contracts Channel on 02/09/2023**

Was the question should it fit in a uint128? If so yes with oceans of headroom

**501. By altoid\_\_ in the Developer General Channel on 02/08/2023**

@Ashe Oro Perhaps you can help here in the dev channel? <https://discord.com/channels/373889138199494658/373889502969856000/1072908042078785686>

**502. By Michael Garber#5033 in the Developer General Channel on 02/08/2023**

You may find this helpful

```nonce:```

> The identifier for an internal transaction that was spawned as part of handling a user transaction. (These internal transactions share the transactionValidStart and accountID of the user transaction, so a nonce is necessary to give them a unique TransactionID.) An example is when a "parent" ContractCreate or ContractCall transaction calls one or more HTS precompiled contracts; each of the "child" transactions spawned for a precompile has a id with a different nonce.

<https://hashgraph.github.io/hedera-protobufs/#:~:text=Scheduled%20or%20no-,nonce,-int32>

<https://docs.hedera.com/hedera/sdks-and-apis/sdks/transactions/transaction-id#:~:text=The%20nonce%20value%20for%20the%20parent%20transaction%20ID%20is%2000>

```
```is_approval:```
```

> (indicating allowance) -

> If true then the transfer is expected to be an approved allowance and the accountID is expected to be the owner. The default is false (omitted).

<https://hashgraph.github.io/hedera-protobufs/>

#:~:text=or%20receives(positive)-,is\_approval,-bool

<https://docs.hedera.com/hedera/sdks-and-apis/sdks/cryptocurrency/approve-an-allowance>

#### **503. By leveluptrading in the Developer General Channel on 02/08/2023**

Looking for a dev to create something pretty easy, but pretty damn interesting Hit me up if you are interested in helping me out putting together this idea! NFTs and smart contracts involved.

#### **504. By deejay0076 in the Smart Contracts Channel on 02/08/2023**

Fun one on a topic asked a few times (that I have answered before hitting this speed bump) -> finding out if a user owns a given serial inside the SC.

```
```
```

```
IERC721(_claimNFT).ownerOf(serials[i]) == msg.sender
```

```
```
```

This works well for me in general. However, each call to this method creates a child record, so when this is done in a large loop, I end up getting a 'MAX\_CHILD\_RECORDS\_EXCEEDED' error

<https://hashscan.io/testnet/transaction/1675851257.455147003?tid=0.0.1395784-1675851245-138163251>

A couple of questions:

1) Can I confirm 50 is the hard limit?

2) Is there another way

to check the ownership, so I do not squander child transactions toward this limit?

#### **505. By deejay0076 in the Developer General Channel on 02/07/2023**

The response is paginated. At the bottom of the response should be the next link. You can pull 100 at a time with ?limit=100 from public mirror nodes. I use the functionality regularly. Hope that helps is not might need to know more about which transactions are missing to make other suggestions.

#### **506. By kantorcodes in the Smart Contracts Channel on 02/07/2023**

Question

Regarding smart contract fees, what happens when a contract is set as the treasury account ID, and the contract fails to have its fees paid?

Does the Token remain usable despite being unable to mint more supply?

**507. By mrroboto5278 in the Javascript Channel on 02/07/2023**

Tx for the response, it helped

**508. By deejay0076 in the Javascript Channel on 02/07/2023**

There is not a single set one size fits all architecture of a dApp in general, it will depend on your use case. Typically your front end web app will interact with either a Smart Contract or back end server but how you structure it will depend on your use cases. For some use cases you could just have a stateless web app, allow users to connect a wallet and do everything front end. You can use the JS SDK in both front end and the back end, again depends on your needs. I suspect this is not the neat binary answer you were hoping for but I hope it helps at least a little.

**509. By Michael Garber#5033 in the Smart Contracts Channel on 02/06/2023**

Check out this smart contract starter! The folks over at Lab49 helped us put this together so shout out to them. Feedback is much appreciated. Make an issue or a PR <https://github.com/hashgraph/hedera-smart-contract-starter>

I think it would be good to build this out further and have HTS integrations so people can see how that works out of the box, but let me know what you all think!

**510. By justynjj in the Token Service Channel on 02/06/2023**

Thanks @Ashe Oro , really useful links. I've added some comments to each to help these get prioritised. @Adrian {KBL} @Deejay I think these bug reports will help with the issues we've been having if you wanted to add your thumbs up too to help push them along.

**511. By .alextaylor in the Developer General Channel on 02/06/2023**

why not allow customers to play on testnet, provided it's clear that's what they're doing - testing, feedback, helping to develop a product etc

re testnet reset confusion, wallet ux could be improved by tagging testnet accounts with some kind of refresh id (eg first consensus time of that refresh) and disable or remove old accounts

**512. By liquidsn4ke in the Smart Contracts Channel on 02/05/2023**

That was it thanks for the help

**513. By deejay0076 in the Smart Contracts Channel on 02/05/2023**

if you can share what you are trying to do might be able to help dissect further what's missing

**514. By ed.marquez in the Smart Contracts Channel on 02/03/2023**

If you're using contracts with native NFTs, you can use ERC calls on HTS NFTs

- so `ownerOf` should work: <https://docs.hedera.com/hedera/core-concepts/smart-contracts/supported-erc-token-standards#erc-721-non-fungible>
- The SDK provides `TokenNftInfoQuery()` : <https://docs.hedera.com/hedera/sdks-and-apis/sdks/tokens/get-nft-token-info>
- There's no equivalent precompile.
- Mirror node is another option

**515. By deejay0076 in the Token Service Channel on 02/03/2023**

As you note on the Hedera side there is no need to use a SC to deploy a token given the native token service. You can deploy an ERC721/ERC20 if you like but would be a worse user experience given the infrastructure is built here to take advantage of native HTS tokens instead. Using SC on Hedera that leverage HTS directly allows for some solid encapsulation and decentralization use cases that get you the best of both worlds.

Interoperability on other chains is more of a bridge question. I believe Hashport has successfully implemented - caveat that I have not used it! - a path to bridge tokens to other EVM chains; again not sure the list I have only ever player moving hbar across. In that case on the other side there would need to be a SC implementation if that chain did not have a native token service equivalence.

**516. By antorcol in the Token Service Channel on 02/02/2023**

I've got one last question (for the time being) about HTS. The whitepaper lists HTS as being an easy and superfast way to create native Hedera tokens. This tutorial on Guarda (<https://guarda.com/academy/tutorials/hedera-token-service-how-to-hold-hbar-tokens/>) adds that part of the reason for native token speed is that there's no requirement for a smart contract to deploy them. The whitepaper goes on to say that to native hedera tokens have interoperability with any other token, whether on the Hedera network or on some other DLT.

My question then, is this: Are Hedera smart contracts required in order to take advantage of this interoperability with tokens on non-Hedera DLTs? Thanks.

**517. By asheoro in the Token Service Channel on 02/02/2023**

so a comment on <https://github.com/hashgraph/hedera-mirror-node/issues/3245> would be very helpful

**518. By asheoro in the Token Service Channel on 02/02/2023**

hey @Justyn mind commenting on that github issue? That always helps with priority. I had filed this separately, but closed due to duplicate. <https://github.com/hashgraph/hedera-mirror-node/issues/4349>

**519. By deejay0076 in the Smart Contracts Channel on 02/02/2023**

yup agreed - use case specific (and naturally I am a fan of the one you propose). I simply wanted to embellish to get ahead of a likely question.

**520. By Greg Scullard#5365 in the Smart Contracts Channel on 02/02/2023**

The EIP you mention is supported.

**521. By tahlil in the Developer General Channel on 02/02/2023**

Can we store custom smart contract on private APPNET and do private transaction that would still utilize the Hedera consensus...and can HCS help in any regard to achieve this?

**522. By antorcol in the Token Service Channel on 02/02/2023**

Another question. The Tokenization Whitepaper notes that tokens, whether fungible or non-fungible, can be grouped by major use case. Two are provided: utility tokens (proof of access, to a product or service) and as security tokens (which represent trading of the

value). Most of the examples I've seen so far fall into one of these classes. The whitepaper is several years old now, though. Are there any other general classes of token emerging?

### **523. By defigirlxo in the Developer General Channel on 02/01/2023**

Tomorrow at 12 pm EST we will have our first Hedera community Town Hall on the Discord.

The speaker line up includes:

1. Myself going over the new Discord servers and rules
2. Brandon the Hbar Bull (Popular community member who makes weekly update videos) talking through the recent news happening on Hedera Hashgraph
3. Abi (Swirlds Labs Devrel) talking about the newest features and products of the network
4. Grace (leads the crypto ecosystem fund at the HBRAR foundation) will be giving updates on the foundation
5. Justin (Head of ESG DA at Swirlds Labs) will talk about the latest developments with the Guardian and how that relates to Hedera
6. Gautam (Head of Strategy at Stader Labs and Co-founder of the Hashgraph Defi Alliance) Will talk about HDA latest developments
7. Elizabeth (Founder of Hello Future Buzz) will talk about her ongoing community spaces and special events
8. Patches (CEO of Turtle Moon and Co-Founder of Hgraphio) will update us on his latest endeavors

We will then open up the floor to questions. If you have any questions you would like answered please post them in the stage-chat channel!

Looking forward to having the community gathered together! See you there

RSVP Here: <https://discord.com/events/373889138199494658/1068240242445926461>

### **524. By antorcol in the Token Service Channel on 02/01/2023**

I'm going over the info about the token-service, and I have a couple of questions. My first question is about creating tokens:

The most recent TokenCreate API at <https://docs.hedera.com/hedera/docs/hedera-api/token-service/tokencreate> lists 21 properties you can use to create a token. It is unclear which of these are required. The whitepaper at [https://hedera.com/hh\\_tokenization-whitepaper\\_v2\\_20210101.pdf](https://hedera.com/hh_tokenization-whitepaper_v2_20210101.pdf) lists a fewer number of properties (12), but does list `name`, `symbol`, `decimals`, `treasury account`, `token renewal account`, and `initial supply` as required or mandatory. Should I assume this same set of six properties are the only required ones to create a token?

Also, side question -- is the correct term for these token features `*field*`, `*attribute*`, `*property*`, or ????. The SDK listed above uses `*field*`. The HIP-412 (<https://hips.hedera.com/hip/hip-412#required-optional-and-conditionally-optional-fields>) also uses `*field*`, but Michael Mulders' discussion about Hedera NFT Metadata (<https://hedera.com/blog/hedera-nft-metadata-hip412>) uses `*property*`.

**525. By supremax67 in the Developer General Channel on 02/01/2023**

@psychoter (DaVinciGraph) And be wary of DM you might have gotten from your question. They could be scammers.

**526. By .cryptorush in the Smart Contracts Channel on 02/01/2023**

I thinks this is general solidity question. When we write upgradable contracts, do we need to make sure we have storage gaps for all of its base contracts (even for abstract contracts)?

**527. By .cryptorush in the Javascript Channel on 02/01/2023**

Thanks. @Ed Marquez . This really helps.

**528. By jeromek in the Developer General Channel on 02/01/2023**

Hey Guys

Does someone know the current status of the Chainlink integration into Hedera?  
We have some project which are starting to have a need for oracles - also any alternatives if chainlink is not yet supported?

**529. By deejay0076 in the Developer General Channel on 02/01/2023**

there is not. transactions are fairly ordered on time submitted. testnet is not a geographically distributed so it can feel faster at times but that does sound like a long time (I have minting scripts too and they are pretty fast). If you are comfortable sharing the code maybe drop it in #-token-service and see if any of us can help make suggestions

**530. By deejay0076 in the Developer General Channel on 02/01/2023**

sent you a message to avoid cluttering the channel but ask away (there is a #-smart-contracts channel where some helpful people hang out too)

**531. By Mightysword#3310 in the Token Service Channel on 01/31/2023**

Lol there are going to be some foolish questions to start. I saw that page and watched the YouTube video. Got lost with the software that is being used to code what software or application is that and how do I get it. Is that the Hedera SDK?

**532. By ajluthersys#6309 in the Developer General Channel on 01/31/2023**

Hi all! I had a question regarding associating tokens with accounts. Using an account id and a token id, is there way to know if the two are associated without performing any sort of transaction? Or even a way to get a list of accounts/account ids associated with a particular token?

**533. By justynjj in the Token Service Channel on 01/31/2023**

I only ask as the timestamp property in the allowance payload suggests this might be possible:

```
{
 "allowances": [
 {
 "owner": "0.0.1792",
 "spender": "0.0.2669",
 "timestamp": { "from": "1675171133.316335530", "to": null },
 "amount_granted": 20000000000
 }
]
}
```

```
 }
],
 "links": { "next": null }
}
...
```

Maybe it's a placeholder for future functionality. Thanks for your help on this though.

**534. By tknoch in the Developer General Channel on 01/31/2023**

question about AccountCreateTransaction rate limit (2 tps on mainnet). If the network is overloaded, will the transaction be accepted and be pending, until its processed? In other words, will Hedera chain queue the AccountCreateTransaction?

**535. By Miguel Ángel- ioBuilders#5464 in the Smart Contracts Channel on 01/31/2023**

Hi @Raphaël Messian!!

Yes, we could do it using TokenFeeScheduleUpdate sdk function, or setting the custom fee while creating the token with these two functions you mentioned, but our idea was to associate custom fees to existing tokens through the precompile since it is possible to create the custom fees through the FeeHelper smart contract.

**536. By Miguel Ángel- ioBuilders#5464 in the Smart Contracts Channel on 01/31/2023**

Hi all!

We are trying to associate custom fees to existing tokens through the precompile, so we are using FeeHelper.sol contract to create the custom fees but we have not found the way to update these custom fees through the precompile, do you know if is there any way to do it?

**537. By psychoter in the Developer General Channel on 01/31/2023**

Hello mates. I have a question about transaction responses. does "duplicated\_transaction" error means that the first transaction with the same transactionId was successfully processed?

**538. By andrew7771#9370 in the Developer General Channel on 01/31/2023**

Hello, guys! Can I setup mainnet/testnet node locally ? or only mirror-node ? and the second question - mirror-node role is only a data provider - not for submitting transactions ?

**539. By hbarpassion in the Developer General Channel on 01/31/2023**

I try to send nft with this code.

```
const nft = new NftId(TokenId.fromString(tokenId_s), serialNum_s);

const transferTx = await new TransferTransaction()
 .addNftTransfer(nft,
 AccountId.fromString(senderId_s),
 AccountId.fromString(receiverId_s))
 .freezeWith(client)
 .sign(operatorKey);
const transferSubmit = await transferTx.execute(client);
const transferRx = await transferSubmit.getReceipt(client);
```



But get INVALID\_SIGNATURE error.

This code is working well with normal nfts but if the nft has fallback fee, this error appear. Is anybody have experience with this?

Please help me.

**540. By ltramen in the Java Channel on 01/30/2023**

Hey @Sebastien-Michaud the busy error tends to happen when testnet is congested with other users testing as well. You can bypass this by setting up your own Hedera Local node. Or simply wait until testnet is less congested.

Here is a tutorial on how to set up your own local node. <https://hedera.com/blog/how-to-set-up-your-own-hedera-local-network-using-docker>

If you decide to go this route and have questions along the way don't hesitate to reach out.

**541. By houseonfire0 in the Developer General Channel on 01/30/2023**

This really helped me. I appreciate your answer a lot. I have been struggling lol. Im going to keep going and check back if i have more understanding blocks

**542. By bmgentile in the Java Channel on 01/30/2023**

Hey @Sebastien-Michaud — tagging @Ed Marquez and @Abi here to support

**543. By Sebastien-Michaud#2442 in the Java Channel on 01/30/2023**

Could someone from hedera please help?

**544. By Sebastien-Michaud#2442 in the Java Channel on 01/30/2023**

@Brady Could you please help with an error I am having?

I am calling a function from a smart contract created beforehand:

```
> ContractCallQuery query = new ContractCallQuery()
> .setContractId(ContractId.fromString(request.getContractID()))
> .setGas(100_000_000)
> .setFunction(request.getContractFunctionName(),
contractFunctionParameters);
>
>
> ContractFunctionResult contractCallResult = query.execute(hederaClient);
```

The hedera client is initialized as such:

```
> hederaClient = Client.forName("testnet");
>
hederaClient.setOperator(AccountId.fromString(secretsManagerSecret.get("hedera.operator.id").toString()),
PrivateKey.fromString(secretsManagerSecret.get("hedera.operator.key").toString());
> hederaClient.setDefaultMaxTransactionFee(new Hbar(10_000));
> hederaClient.setDefaultMaxQueryPayment(new Hbar(10_000));
> hederaClient.setMaxAttempts(1000);
```

And it times out after attempt 47:

```
*web - 2023-01-30 22:53:28,795 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery - Problem submitting request to node 0.0.3 for attempt #43, retry with new node: BUSY
web - 2023-01-30 22:53:28,936 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery - Retrying node 0.0.6 in 8000 ms after failure during attempt #44: BUSY
web - 2023-01-30 22:53:37,032 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery - Problem submitting request to node 0.0.5 for attempt #45, retry with new node: BUSY
web - 2023-01-30 22:53:37,182 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery - Problem submitting request to node 0.0.3 for attempt #46, retry with new node: BUSY
web - 2023-01-30 22:53:37,321 [Test worker] WARN c.h.h.sdk.Query$QueryCostQuery - Retrying node 0.0.6 in 8000 ms after failure during attempt #47: BUSY
java.util.concurrent.TimeoutException*
```

**545. By vishaloneto11#5548 in the Token Service Channel on 01/30/2023**

there is an error occur while associate token , this error occur after testnet reset please help me on this ????

**546. By leorodmrez#3543 in the Developer General Channel on 01/30/2023**

Hello, good morning, I have a generic dev question: what would be the cheapest way to register immutable (very short, max 50 chars) and retrievable events in Hedera? e.g. for a logging app.

**547. By supremax67 in the Developer General Channel on 01/30/2023**

@J 007 Good question, I think you would have to be a Member. Not sure how that would work with the new Discord setup. And, ignore DMs you are getting.  
@Defigirlxo Thoughts on how the Member role works to enable?

**548. By deejay0076 in the Smart Contracts Channel on 01/29/2023**

you will need to wait for the professionals to pick this one up. It's the sort of question I would bug them with too!

**549. By deejay0076 in the Developer General Channel on 01/29/2023**

If you want trust/transparency, deploying a non (or limited) mutable contract and ensuring people know the source code is a good way.

Let's take your specific question. You have the PRNG from the Hedera SDK, but if you run that server/client side, then it will be faster/easier for you the downside is that you are asking people to trust you ran it fairly.

if instead the operation happens atomically within the SC - user pays, the SC gets a PRNG, calculates the results, publishes it and pays the winnings (if applicable) in a single operation then the user "only" has to trust the code that you can make visible to them.

I would argue that is better in this use case but might not be in all.

My mental model for this is to do as much as you can outside that does not need to be trusted, say looking up user balances, which NFTs / serials they own as a natural example, then approach what is sent to your (carefully laid out as non-updateable) core code that

verifies what is needed, computes the answer and executes in an atomic fashion.

There are neat design patterns to allow more things to live outside the SC with say an admin or threshold multisig signing the data to verify it is good - which requires some trust but less than a server-side black box.

**550. By Hbarian#0631 in the Developer General Channel on 01/29/2023**

Hi everyone

I was reading about the EVM and can't get an answer to some questions that I have. This maybe irrelevant now with the nodes being run only by trustees. But what will happen if a node uses a rogue version of EVM.? Are there any security checks in place to prevent such attacks?

**551. By houseonfire0 in the Developer General Channel on 01/28/2023**

I'd be happy to do a call or something too. I can offer 5 or 10 in hbar lol. I just need help and want to understand

**552. By houseonfire0 in the Developer General Channel on 01/28/2023**

i asked this in the javascript room but it might have been the wrong one. I'm looking for help on understanding just the logic of smart contracts on hedera.

<https://discord.com/channels/373889138199494658/616725732650909710/1068944858573701230>

**553. By propatte in the Developer General Channel on 01/27/2023**

"Regularly resetting the Hedera testnet ensures decluttering the testnet of stale data, removing spam, and helping maintain the system over time."

**554. By deejay0076 in the Consensus Service Channel on 01/27/2023**

separation and composability helps you reduce some of the risk

**555. By reg.cs in the Consensus Service Channel on 01/27/2023**

This is a more general question about handling accounts in a Dapp, but I need to post it somewhere, so I use this channel. If my dApp needs to make frequent **\*\*automated calls\*\***, it would be inconvenient to ask the user to sign each transaction via Hashpack/Metamask/etc. One way to circumvent this, is to store the private key of the user's dApp account in an encrypted keystore and hold the key in memory as long as the app is running (and the user provided his password to decrypt the file at app launch). The user then only needs to transfer HBAR to this dApp account from his primary account to pay for fees.

However, since this comes with security risks and I wonder if there is a better way for a dApp developer that would not require an internal key handling?

For example, is there something like a CryptoAllowance which makes it possible to grant a secondary account (i.e. the dApp) the right to make transactions only to **\*\*specific topics and smart contracts\*\*** and make the primary account pay for it? Or is there another way to handle the issue above, which does not involve managing the user's private key within the dApp?

**556. By \_amitk in the Smart Contracts Channel on 01/27/2023**

Hi Team !

I am facing problem in setting and getting array of uint256.

Can some one help ....I am sharing

1. Smart Contract
2. Hedera Script

**557. By fenrir40 in the Developer General Channel on 01/26/2023**

Ok, that must not be implemented in wallets yet, but the network supports it already.  
Thanks

**558. By nubeasado in the Developer General Channel on 01/26/2023**

Once Ledger supports token association, you should be able to!

**559. By Wayne-Lab49#9321 in the Developer General Channel on 01/26/2023**

hi, im a developer working for a client who is trying to integrate web3 into their platform using Hedera... it looks like after the upgrade/reset today all accounts have been wiped on the testnet. all of my wallet accounts no longer show as existent - i cannot sign any transactions, check their balances, etc. which significantly blocking development

i did a bit more digging and logged into the Hedera portal and it seems like my testnet client account ID has changed from 0.0.34309143 to 0.0.4426. what is also very confusing is the private key of this account seems to have changed

this leads me to think the account addresses of each testnet account has been changed/ reformatted to this new format with fewer digits or straight up wiped (as the private key for my testnet client account has changed in addition to the account id). not sure if i might've missed an announcement but how can i get my account addresses working again/get the new account address for my wallet accounts? or should i just create brand new accounts within my hashpack wallet and use the "new" testnet client? any help would be appreciated, thanks!

**560. By b\_a\_b\_a\_t\_m\_a\_n in the Developer General Channel on 01/26/2023**

Hey, how could we help on the ledger staking : cla\_not\_supported ? Do you need some beta tester for that functionality?

**561. By niotandean#3791 in the Developer General Channel on 01/26/2023**

Hi there! I am Nio from Coinstore (CEX based in Singapore). With the full support that our exchange can offer, we are confident that your project listing with Coinstore will be a successful listing

May I know whom can I reach out to discuss a potential partnership? Thank you

**562. By davinci783 in the Developer General Channel on 01/25/2023**

I am looking to add HBAR to <https://bundlr.network/>  
it's a layer2 on Arweave that bundles transactions and makes it faster and more scalable also, users and developers can pay the Arweave network fees in ETH, BNB, and other coins

HashPack supports NFTs that use Arweave right now for the DaVinciGraph NFT marketplace, I want to integrate HashPack with bundlr so users pay the Arweave fees in HABR when they mint nfts, they can do it now by coding and paying fees with other coins but I want to fully integrate it with the hedera ecosystem  
also, other developers and projects need this too in the future if they want to build dapps that need to store large data permanently  
this is our current status:  
we accept data from Arweave, we are just reader  
Arweave => Hedera  
I want to make this happen:  
Hedera => Arweave => Hedera  
so we can write the data in Arweave and read the data from it  
we have read right now I want to we have write, fully integrated with Hedera and HABR  
if someone from hedera is here dm me, please.

**563. By fazoo52 in the Developer General Channel on 01/25/2023**

Just saw the post about ledger support and have a question: when I originally set up hashpack I set it up thru ledger. Now that there will be full ledger integration do I have to do anything different? Update anything

**564. By teacoat in the Developer General Channel on 01/25/2023**

arguably it is good for devs to know that arweave support is available

**565. By supremax67 in the Developer General Channel on 01/25/2023**

Not sure why the passive aggressive comment. This is not a community Discord but a Discord for developers. If we allowed all comments of how Hedera interacts with other platform, we would see nothing but promotional comment.  
The #-developer-general chat is the landing page for everyone who comes to this discord, they look for support, general questions or simply understanding better the tech. Promotional comments pushes back those comments to the point where people's comments get unintentionally ignored.  
So yes, promotional content of this nature is for the #-general channel.

**566. By davinci783 in the Developer General Channel on 01/25/2023**

I am very busy with DaVinciGraph right now  
somebody create the decentralized youtube on hedera  
it's a good idea

here are the technical details:

- use HashPack to users sign in on the dYoutube:)
  - they can charge their balance with HBAR
  - run an uploader system to Arweave
  - save transactions on HCS
- and you created a decentralized Youtube on Hedera  
dm me if you have any questions  
i can give you the architecture

**567. By davinci783 in the Developer General Channel on 01/25/2023**

Arweave is a powerful decentralized permanent data storage system. Solana uses

Arweave to save their transactions, which demonstrates its significance. With Arweave, you pay a small one-time fee to store your data permanently. This feature is a major advantage for the Hedera ecosystem, allowing for the creation of dApps that can store large amounts of data, measured in gigabytes.

Special thanks to Pluto from the Hashpak team that helped to make this happen

**568. By supremax67 in the Developer General Channel on 01/25/2023**

@davinci News or promotional content talking about interactions with Hedera would be the #-general channel.

Questions about those interactions would be one of the more dev specific channel, such as #🌀-java or #-smart-contracts .

Unfortunately, as the network grows, there will be more and more interactions with other chains which makes the #-developer-general chat a terrible place for those discussions

**569. By koresh\_tony in the Developer General Channel on 01/25/2023**

Hello Hedera community! My name is Koresh Tony and I am a crypto rapper. I would like to bring to your attention my list of services: creating and recording a track / filming a music video about your project. You can get acquainted with my work on YouTube by typing "koresh tony" in the search box. For questions about cooperation, you can contact me personally and I will be happy to answer all your questions, as well as show the finished tracks, including in English.

**570. By asheoro in the Smart Contracts Channel on 01/25/2023**

Hedera ecosystem still doesn't have the fully featured NFT portfolio manager that I've been hoping to see. Mintbar was my way to help bootstrap this a bit and making it open source i'm hoping someone else may pick it up and add some of the functionality that I included in the blog post that could be used to enhance it. Also, Mintbar doesn't use any smart contracts so perhaps we should move this discussion over to #-nft-alpha-club?

**571. By .dragongirls in the Smart Contracts Channel on 01/25/2023**

Hello there i need Help :hedera: i was minting my nft collection doing lazy minting 1 by 1 , and last night minting some more because the collection has 1010 items and i already mint 303 , anyway the last one i have error showing on wallet so i had to mint it again and now i have two of them . who i can Burn one Nft ?

**572. By Deleted User in the Developer General Channel on 01/25/2023**

Hi I have a question about staking. I'm collecting rewards daily. If I collect monthly, does the pending rewards get calculated as well or will I get the maximum amount of coins by collecting daily ?

**573. By deejay0076 in the Token Service Channel on 01/25/2023**

Please stop spamming me / the chat. Everything you need is available if you put in a little effort. Indeed I just answered someone else on the same topic right above this question. The max batch size is 10.

**574. By vishaloneto11#5548 in the Token Service Channel on 01/25/2023**

my question is i ACHEIVED individual minting . i upload meta to ipfs then provde CID and run mint function .....i will get the token ALL THINGS RUN FINE

**575. By GarySmith || Don't DM#4478 in the Developer General Channel on 01/24/2023**

@everyone HashPack 5.0.0 launched today, we will have an official announcement of this update soon but you may notice 5 letters after your account id in various places - this is called a checksum and is basically an optional security measure to help make sure people don't send to an incorrect account. It was proposed by Leemon himself in HIP-15 (<https://hips.hedera.com/hip/hip-15>)

You don't need to include this string of characters to send to your account, its just an extra layer for apps that support it. You are free to leave it off if whatever dapp or exchange you are using doesnt support it.

If you are sending a large amount of hbar from one account to another, its useful to include it to make sure you don't miss a number and send 10k hbar to 0.0.1235 instead of 0.0.12345 for example.

We will likely tweak our implementation of it based on user feedback, so let us know if you find this useful (or hate it)

**576. By dnmnn in the Developer General Channel on 01/24/2023**

Hello,

I got a question:

I have the idea to build a Hedera explorer which focuses on the financial aspects of the network. I want to calculate the network revenue by adding all fees from all transactions up and so on. Now i need to make queries to a mirror node or run a mirror node or something like that.

Can anyone help me to find the right way to approach this idea?

How can i get all the data in a cost efficient way? And how much will it cost to get all the data?

I tried Arkhia but i think the volume is too high and i am not sure if this is the right approach.

Any input is appreciated very much!

**577. By ed.marquez in the Smart Contracts Channel on 01/24/2023**

Hi @here - Today at 11:30am EST (in ~50 minutes), we'll be hosting this Info and Q&A session about **\*\*smart contract rent\*\***.

<https://hedera.com/everything-you-wanted-to-know-about-smart-contract-rent-on-hedera>

We'll cover key things to know about rent during the session. However, if you have other questions or feedback on this topic, feel free to share them during or ahead of the session.

Looking forward to seeing many of you there.

**578. By arm4x in the Developer General Channel on 01/24/2023**

having some questions about hardhat/foundry toolkit on hedera

**579. By \_amitk in the Smart Contracts Channel on 01/24/2023**

BLS signature verification on BN254 curve / BLS curve

is a network feature....

So if the network has precompiles for this <https://github.com/ethereum/EIPs/blob/master/EIPS/eip-196.md>

Then it can support the operation in smart contract...

**580. By Greg Scullard#5365 in the Smart Contracts Channel on 01/24/2023**

Solidity version support is v0.8.9, not sure if that answers your question.

**581. By \_amitk in the Smart Contracts Channel on 01/24/2023**

oh i see...

Where i can find precompiles list currently supported by network ??

**582. By Greg Scullard#5365 in the Smart Contracts Channel on 01/24/2023**

If solidity supports it in the version of the BESU EVM hedera uses, then the answer is likely yes.

**583. By Greg Scullard#5365 in the Smart Contracts Channel on 01/24/2023**

BLS is used by the Hashgraph algorithm but I'm not aware of BLS being supported in a way that's useful to Hedera users. Why do you ask ?

**584. By \_amitk in the Smart Contracts Channel on 01/24/2023**

Thanks @Greg Scullard

Does it supports BLS ??

**585. By Greg Scullard#5365 in the Smart Contracts Channel on 01/24/2023**

Hedera supports ED25519 and ECDSA.

**586. By \_amitk in the Smart Contracts Channel on 01/24/2023**

Gentle reminder !

Does hashgraph supports BN254 signature verification ??

**587. By \_amitk in the Smart Contracts Channel on 01/24/2023**

Hi Developers !!

Does Hashgraph has precompile for\*\* alt\_bn128\*\* or supports BN254 signature verification ??

reference : <https://github.com/ethereum/EIPs/blob/master/EIPS/eip-196.md>

**588. By entreken in the Consensus Service Channel on 01/23/2023**

Thanks for the add'l info here!

Based on this,

> Get a "beta" state proof from the mirror node

I searched the mirror node code for "state proof" and found a pointer to this article which does a really nice job of explaining the scenario around my original line of questioning:  
<https://hedera.com/blog/state-proofs-on-hedera>



It also references this which is helpful too: <https://hedera.com/blog/transaction-confirmation-methods-in-hedera>

**589. By bono95zg#3849 in the Consensus Service Channel on 01/23/2023**

Why does minority state override majority? Why would 1/3 dictate final state?

I ask because I fundamentally dont understand how it works. I invested in Hedera, but I dont know how to explain or defend it because I dont understand fully how it works. So basically I want to know so I can educate other people. Maybe answers to my questions are obvious to you, but I struggle.

**590. By Michael Garber#5033 in the Consensus Service Channel on 01/23/2023**

If more than 1/3 of the nodes has a certain state or collude in some way, then that is the state of the network because they would control what is written to the state at that point. May I get a little context behind your question? What are you trying to accomplish?

**591. By nubeasado in the Developer General Channel on 01/23/2023**

go to the bottom of their website, click the discord icon, then make a support ticket in their discord

**592. By neurotic\_nurse in the Developer General Channel on 01/23/2023**

And I can't find a real hedera support person to help

**593. By kingloko#8658 in the Developer General Channel on 01/23/2023**

I love it it's order and helps keep everything neat No argument I should have paid attention more lol it does say it right in my face lmao the number was so little and low I wasn't thinking lmao

**594. By kingloko#8658 in the Developer General Channel on 01/23/2023**

I have quick question

**595. By fazoo52 in the Developer General Channel on 01/22/2023**

When transferring hbar can you literally put anything in the memo? Question from earlier just never got an answer

**596. By deejay0076 in the Smart Contracts Channel on 01/22/2023**

there's a code example to the extent it helps.

**597. By deejay0076 in the Smart Contracts Channel on 01/22/2023**

if you have the ABI it's easy enough using web3.js (other methods available), if not you are stuck on decompiling / guesswork. The tools to make source code verification etc., more available are on their way per the roadmap. Excited to get them.

```
...
/**
 * Helper method to return the array of addresses in the WL
 */
async function getAllowanceWL() {
 // generate function call with function name and parameters
 const functionCallAsUint8Array = encodeFunctionCall('getAllowanceWhitelist', []);
 // query the contract
```

```
const contractCall = await new ContractCallQuery()
 .setContractId(contractId)
 .setFunctionParameters(functionCallAsUint8Array)
 .setMaxQueryPayment(new Hbar(2))
 .setGas(100000)
 .execute(client);

const results = decodeFunctionResult('getAllowanceWhitelist', contractCall.bytes);
const wlAccountsEVM = results.wl;

return wlAccountsEVM;
}

/**
 * Decodes the result of a contract's function execution
 * @param functionName the name of the function within the ABI
 * @param resultAsBytes a byte array containing the execution result
 */
function decodeFunctionResult(functionName, resultAsBytes) {
 const functionAbi = abi.find(func => func.name === functionName);
 const functionParameters = functionAbi.outputs;
 const resultHex = '0x'.concat(Buffer.from(resultAsBytes).toString('hex'));
 const result = web3.eth.abi.decodeParameters(functionParameters, resultHex);
 return result;
}

/**
 * Helper method to encode a contract query function
 * @param {string} functionName name of the function to call
 * @param {string[]} parameters string[] of parameters - typically blank
 * @returns {Buffer} encoded function call
 */
function encodeFunctionCall(functionName, parameters) {
 const functionAbi = abi.find((func) => func.name === functionName && func.type === 'function');
 const encodedParametersHex = web3.eth.abi.encodeFunctionCall(functionAbi,
 parameters).slice(2);
 return Buffer.from(encodedParametersHex, 'hex');
}

...

```

#### **598. By eldudearini in the Developer General Channel on 01/22/2023**

In Hashpack Help read “Multiple Wallets” that may be the capability you’re asking for.

#### **599. By rhyssied in the Javascript Channel on 01/22/2023**

So it sounds like you're either signing with an account or freezing the transaction before you've added all of the transfers, but this doesn't work as signing/freezing locks the transaction.

The pattern I use for most of my transactions is this:

- set up the transaction
- set any generic things (e.g. setMaxTransactionFee, setMemo)
- set the specific values needed for this transaction (so in your case set all of the transfers, in an account create set the keys and initial balance, etc)
- then you need to sign and/or freeze depending on how you are gathering the signatures (this bit can get pretty complicated if you are doing things like having multiple separate humans sign, but for your test I'd just do both signatures yourself at first and worry about the rest later)

As for the undefined error you'd need to add more details.

Hope that helps

**600. By craycrayultracontrarian in the Javascript Channel on 01/22/2023**

I also just want to thank you for your previous help

**601. By supremax67 in the Developer General Channel on 01/21/2023**

@Billionaire Guy I cleaned up the chat feedback channel, looks like you were chatting with someone who deleted their comments or got banned. As for reaching out to Hashport, that wouldn't be a feedback question. Feedback is for things within the control of Hedera, Hashport is an independent party.

**602. By samuelnihou in the Smart Contracts Channel on 01/21/2023**

Anyone has a clue about this stack exchange post?: <https://ethereum.stackexchange.com/questions/74654/remix-debugger-ignores-breakpoint>

**603. By fazoo52 in the Developer General Channel on 01/21/2023**

Noob question I know

**604. By blocktroniks in the Developer General Channel on 01/21/2023**

I have a question about stacking. I have been staking for a couple of days and my initial stake I started with are staked, but I added more HBAR like 2 days ago and still no update on my staking in the wallet and the rewards seems to be the same still for each 24h period.

**605. By snavk in the Developer General Channel on 01/21/2023**

Hey, @Frieze | Paladin is the help advocate here, relate with admin to help you out.

**606. By neurotic\_nurse in the Developer General Channel on 01/21/2023**

Okay. I've tried multiple times and the same error code. Successful on sending wallet message. Email stating transaction failed. "External" as the reason. Is there someone to support? Thanks!

**607. By yonac1#9688 in the Developer General Channel on 01/21/2023**

Hey guys, can someone help us?

**608. By alzikri in the Developer General Channel on 01/20/2023**

I have many question in my head, can i tell one ?

**609. By entreken in the Consensus Service Channel on 01/20/2023**

Actually one more question on this @JeromeTHA -- Leemon describes two mirror node types:

- a "current" one that downloads data/files from buckets, and
- a future to-be-implemented one which operates much like a consensus node, except doesn't participate in consensus voting

Since this video is a year old, does the future mirror node type now exist?

Does this repo contain the old mirror node type or the new type, or both? <https://github.com/hashgraph/hedera-mirror-node>

**610. By entreken in the Consensus Service Channel on 01/20/2023**

I have a question about calculating expected tx and query costs. I see from <https://docs.hedera.com/hedera/mainnet/fees> that the costs for creating a topic, submitting a message and getting info are:

ConsensusCreateTopic: \$0.01

ConsensusSubmitMessage: \$0.0001

ConsensusGetInfo: \$0.0001

If I am subscribed to receive messages from a topic (using JS SDK ``TopicMessageQuery({ topicId }).subscribe()``, am I paying the ``ConsensusGetInfo`` price of \$0.0001 for each message received on that subscription?

**611. By 0xphade in the Developer General Channel on 01/20/2023**

wen ledger support

**612. By rhysied in the Java Channel on 01/20/2023**

Do you have any info on the error? The error descriptions listed here will give you additional info to help understand the causes too

<https://docs.hedera.com/hedera/docs/hedera-api/miscellaneous/responsecode>

**613. By entreken in the Consensus Service Channel on 01/20/2023**

Thanks, this was helpful.

So what I'm gathering is that if you are a client that needs to be inherently suspicious of what information is being returned to you by the mirror network (where the distrust is originating based on the Use Case requiring a very high degree of proof/accuracy/verifiability/etc.)

that you would have basically two options:

1. Operate your own internal mirror node, which would automatically and computationally verify all information coming to it from the consensus nodes, because this is just what mirror nodes are built to do. This would be the strongest guarantee.

or

2. Ask the same question of multiple independent mirror nodes. If you get the same answer from multiple, you could have higher trust in the response than if you just asked one.

**614. By nubeasado in the Developer General Channel on 01/20/2023**

hedera support sending crypto to both

**615. By nubeasado in the Developer General Channel on 01/20/2023**

try doing it without the checksum, a lot of things don't support it yet

**616. By yonac1#9688 in the Developer General Channel on 01/20/2023**

Please help me guys, thank you in advance

**617. By yonac1#9688 in the Developer General Channel on 01/20/2023**

Hey guys, I've tried to move testnet USDC tokens into my HBAR testnet wallet (first to portal hedera and then to HashPack), and I get this same error message again and again and again with Circle API, do you guys can help me please?

**618. By bono95zg#3849 in the Consensus Service Channel on 01/20/2023**

Hello, I have a question. How does Hedera scale when we include more nodes? If we have gossip about gossip, that would exponentially increase network load with more nodes. But I have seen claims Hedera would be even faster with more nodes? Does anyone have real info?

**619. By deejay0076 in the Token Service Channel on 01/20/2023**

although I found their worked example pretty good. they have a dev channel over there where people might be able to help you out.

**620. By deejay0076 in the Token Service Channel on 01/20/2023**

Out of interest, does the NFT you are trying to buy/sell have royalties? Can you share the token ID? Which accounts are buying/selling (i.e. details of the transaction over screenshots)? What error do you see thrown? Which line of code triggers it?

The tokenTransferTx depicted (just using the SDK and having keys in memory), is that the working one or the failing one?

I am guessing your difficulty here is with hashconnect/hashpack? Doing it with hashpack as signer instead of raw SDK - so you don't have the keys in memory - is indeed different. If my guess is correct you would be better off asking your question in the hashpack discord where the team might be able to help you unpick the issue.

**621. By bodie#7643 in the Consensus Service Channel on 01/20/2023**

thank you for the help

**622. By deejay0076 in the Token Service Channel on 01/20/2023**

@vishaloneto11 could you provide code examples of what is not working and perhaps try and tailor your questions to be more complete? The community (& the team) are here to help, but it's hard to know where to start, given you seem to post in fragments.

I would recommend reading this article on royalties: <https://hedera.com/blog/nft-royalty-fees-hedera-hashgraph> as it explains a lot and has code examples that may help you.

My summary:

- \* If an NFT has a fallback fee embedded then both sender and receiver have to sign with their account PrivateKey.
- \* If there is no fallback then the NFT can be sent without payment as long as the receiver has the token associated.
- \* If there is a payment involved that is to be atomic - within the same transaction as the NFT transfer - then both sides will have to sign again [there can be 10 'legs' to a transaction as an example 1) send hbar 2 ) receive hbar 3-10) send NFT so you can send 8 NFT serials per transaction if there is payment involved]

**623. By jeromek in the Consensus Service Channel on 01/20/2023**

<https://www.youtube.com/watch?v=oYR08CyA1sY>

Think this can further help

**624. By deejay0076 in the Smart Contracts Channel on 01/20/2023**

<https://github.com/hashgraph/hedera-smart-contracts/blob/main/contracts/hts-precompile/KeyHelper.sol>

**625. By samuelnihoul in the Smart Contracts Channel on 01/20/2023**

```
````// SPDX-License-Identifier: Apache-2.0
```

```
pragma solidity >=0.5.0 <0.9.0;
```

```
pragma experimental ABIEncoderV2;
```

```
import "./HederaTokenService.sol";
```

```
contract KeyHelper is HederaTokenService {
```

```
    uint constant INHERIT_ACCOUNT_KEY = 1;
```

```
    uint constant CONTRACT_ID_KEY = 2;
```

```
    uint constant ED25519_KEY = 3;
```

```
    uint constant ECDSA_SECPK2561K1_KEY = 4;
```

```
    uint constant DELEGATABLE_CONTRACT_ID_KEY = 5;
```

```
    function createSingleKey(
```

```
        uint keyType,
```

```
        uint keyValueType,
```

```
        bytes memory key
```

```
    ) internal view returns (IHederaTokenService.TokenKey memory tokenKey) {
```

```
        tokenKey = IHederaTokenService.TokenKey(keyType,
```

```
        createKeyValueType(keyValueType, key, address(0)));
```

```
    }
```

```
    function createSingleKey(
```

```
        uint keyType,
```

```
        uint keyValueType,
```

```
        address key
```

```
    ) internal view returns (IHederaTokenService.TokenKey memory tokenKey) {
```

```
        tokenKey = IHederaTokenService.TokenKey(keyType,
```

```
createKeyValue_type(keyValueType, "", key));
}

function createKeyValue_type(
    uint keyValueType,
    bytes memory key,
    address keyAddress
) internal view returns (IHederaTokenService.KeyValue memory keyValue) {
    if (keyValueType == INHERIT_ACCOUNT_KEY) {
        keyValue.inheritAccountKey = true;
    } else if (keyValueType == CONTRACT_ID_KEY) {
        keyValue.contractId = keyAddress;
    } else if (keyValueType == ED25519_KEY) {
        keyValue.ed25519 = key;
    } else if (keyValueType == ECDSA_SECP256K1_KEY) {
        keyValue.ECDSA_secp256k1 = key;
    } else if (keyValueType == DELEGATABLE_CONTRACT_ID_KEY) {
        keyValue.delegatableContractId = keyAddress;
    }
}
}
```

626. By deejay0076 in the Smart Contracts Channel on 01/20/2023

it's in KeyHelper.sol

627. By deejay0076 in the Javascript Channel on 01/19/2023

a shame to have to do that vs native support but i get it

628. By bmino in the Javascript Channel on 01/19/2023

thanks for the help @Deejay! confirmed I can lock the transaction accountid and validStart but the validDuration cannot exceed 120 (2 minutes) so at best we could set the start a day in the future to gather signatures, but would only have a 2 minute window to execute the tx. gonna investigate scheduled txs now

629. By Michael Garber#5033 in the Consensus Service Channel on 01/19/2023

As far as I understand, that's right. You may find this article helpful at explaining how the mirror nodes offer that proof

>the trust from the consensus nodes is transferred to the mirror nodes using signatures, chain of hashes, and state proofs.

<https://hedera.com/blog/how-to-look-up-transaction-history-on-hedera-using-mirror-nodes-back-to-the-basics>

630. By entreken in the Consensus Service Channel on 01/19/2023

@Michael Garber or others does my question make sense? I'm just getting started with HCS and thinking through how to leverage it, so any additional insight you can provide would be very helpful.

Maybe another way to ask the question: I've seen Leemon and others talking/writing about how it stands up to legal scrutiny.

If someone needed to prove in court that a specific message was in fact sent at a particular time, what steps would they take?

631. By Shiko#7935 in the Smart Contracts Channel on 01/19/2023

anyway im passed that point, now im facing this error "
"INVALID_FULL_PREFIX_SIGNATURE_FOR_PRECOMPILE", which doesnt help and the
description says nothing

632. By Shiko#7935 in the Smart Contracts Channel on 01/19/2023

help me understand what this error means

633. By supremax67 in the Smart Contracts Channel on 01/19/2023

<https://help.hedera.com/hc/en-us/articles/360000674317-What-are-the-official-HBAR-cryptocurrency-denominations->

634. By deejay0076 in the Smart Contracts Channel on 01/19/2023

Thanks, @Greg Scullard - good to know and worth a pin.

Not sure it helps on the question about the HTS precompile method being turned off (NOT_SUPPORTED)?

635. By deejay0076 in the Javascript Channel on 01/19/2023

i have a video of my script...too embarrassed to share here but ping me a DM and i will dig it out to show you the implementation if it helps\

636. By Nimitt#5447 in the Developer General Channel on 01/19/2023

I am saying that , for multi-signature transaction we are using key list and all signature are required(not a threshold) . we send them the transaction to be executed and the respective key holders add signature(using addsignature() of wallet class in js sdk) and send their signature in return. Now we use these received signature to sign the transaction. So my question is , can that same signature be used again for if we repeat that same transaction.

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638. By swirls_matt in the Consensus Service Channel on 01/19/2023

Hey Dan happy to help you with this - I'll DM so we can organise some time to chat

639. By soham.jadiya in the Developer General Channel on 01/19/2023

okay understood, thanks for your help @Michael Garber

640. By AbsolutelyNot#3226 in the Consensus Service Channel on 01/18/2023

Did you get your questions answered ?

641. By entreken in the Consensus Service Channel on 01/18/2023

Thanks, that's helpful. I also just found this doc that specifies what goes into computing the running hash: <https://docs.hedera.com/hedera/docs/hedera-api/miscellaneous/transactionreceipt#topic-running-hash>

What I'm struggling with is, let's say an independent auditor for supply chain event records was to be given a set of data that included the input messages that were submitted to HCS and the corresponding running hashes and timestamp, etc for those messages.

What would the auditor need to do to verify the data checks out? Would they need to go to the effort of walking through the sequence of messages, recomputing hashes, etc.?

Or are you saying that because of the above proof, that it would be sufficient for the auditor to just view and compare (simple string compare) the messages, timestamps, etc. of the data that they're verifying with data from the network?

642. By zettmatt in the Developer General Channel on 01/18/2023

Hi.

Im new here and have question.

I received small amount of HBAR to my wallet, from some strange address:

0.0.1455081

+0.0000001 HBAR

Thanks

643. By soham.jadiya in the Developer General Channel on 01/18/2023

Hello I am looking to setup a node on testnet. Kindly someone please help with a proper Documentation and Genesis file to get started with the Testnet node setup, Thanks.

644. By deejay0076 in the Smart Contracts Channel on 01/18/2023

hope that helps, if not can just share the repo for you to pick over.

645. By skendza in the Smart Contracts Channel on 01/18/2023

Yes, that would be helpful thank you.

646. By ed.marquez in the Smart Contracts Channel on 01/17/2023

Hi #-smart-contracts - on Tue, Jan 24 (in one week), we'll be hosting this Info and Q&A session about smart contract rent.

<https://hedera.com/everything-you-wanted-to-know-about-smart-contract-rent-on-hedera>

We'll cover key things to know about rent during the session. However, if you have other ****questions**** or ****feedback**** on this topic, feel free to share them ahead of the session (simply respond in a thread).

Looking forward to seeing many of you there.

647. By MyCryptoHouse#1072 in the Developer General Channel on 01/17/2023

I'm trying to find tokenomics schedule for Hedera, Hedera current circulation is 25B, and max will 50B, so my question is;

1. what year will reach max 50B ?
2. what is the annual inflation rate ?

Thx so much

648. By Ik#8025 in the Java Channel on 01/17/2023

Who can help. What does this error mean "TRANSFERS_NOT_ZERO_SUM_FOR_TOKEN"?

649. By deejay0076 in the Smart Contracts Channel on 01/17/2023

Thanks kindly. I tried but failed to do that. Specifically in this case I think it is an extension to a HIP vs a new one and a change in method signature. It would be awesome is the comments checked in with a method referenced the relevant HIPs to help track down changes - sounds like a great intro note for devs coming to the network [sidebar: i am not sure is the precompile SC as in a package to help track versions now? I have become used to coming up the latest version haphazardly when I spot it]

650. By deejay0076 in the Smart Contracts Channel on 01/17/2023

I would use web3.js to encode per the ABI. I can share an example if it helps.

651. By deejay0076 in the Smart Contracts Channel on 01/17/2023

^^ can I bump this query again, is there anyway to know if the functions in the latest pre-compile are 'safe' to use to avoid these 'Not_Supported' errors? I can work around it however would like to ask plan to keep in sync with the upgrade path where I can.

652. By intensor10 in the Developer General Channel on 01/16/2023

Hey, I was reading some of Leemon's papers and he answered my question--I think it was in one of the HIPs--which suggested I had to put HBAR into the new Hashpack wallet on Brave--and viola: then I could see the public key!

653. By Sam | Swapika#5979 in the Developer General Channel on 01/16/2023

Hello,

I am Sam from Swapika exchange. We've recently started to support HBAR on our service and would like to join the list of instant exchanges - <https://hedera.com/ecosystem/exchanges-etc>. Could you please advise me the right person to discuss it?

654. By expected.christmas in the Token Service Channel on 01/16/2023

Back to my question, I read a sentence in HIP-367,

> A User can configure auto association to more than 1,000

and now I see that it doesn't mean that a user can configure unlimited auto association. Although if it mean the unlimited auto association, this approach is not smart way for some reasons.

Let me try DeeJay your great guide. The example SC transaction is so useful.

655. By expected.christmas in the Token Service Channel on 01/16/2023

@DeeJay I understood. Thank you so much. You really helped me!

656. By deejay0076 in the Token Service Channel on 01/16/2023

<https://minter.lazysuperheroes.com/>

Code is linked inside if it helps

657. By deejay0076 in the Token Service Channel on 01/16/2023

it takes an int as an argument - I do not believe there is a way to set it as an infinite number.

[I question the desire to set this value high as it opens up the user to spam tokens with embedded custom fees and the like which can be hard to get rid of etc.]

658. By nubeasado in the Developer General Channel on 01/15/2023

@JohnLU316 this might help

659. By AbsolutelyNot#3226 in the Developer General Channel on 01/15/2023

@0xmasala - did you reach out to their support ? Did they not respond yet ?

660. By 0xmasala in the Developer General Channel on 01/15/2023

One bridge that is trusted , with a real doxed team and officially backed by Hedera is enough. But a bridge developed by an anon team, with a generic website, and no easy customer support channels isn't IMO

661. By 0xmasala in the Developer General Channel on 01/15/2023

People can build quality projects but tbh without a trusted bridge Hedera will never get real adoption.

I don't see the relation between my questions/comments and the lack of hype.

What are the other avenues to move to hedera apart from Hashport or relying on a CEX?

Is there a proper fiat on ramp?

662. By cm74#4165 in the Javascript Channel on 01/15/2023

Is there any tutorial how to use hashconnect(their instructions are not very helpful) with django and javascript?

663. By deejay0076 in the Smart Contracts Channel on 01/15/2023

100%. thanks for confirming though, it was only one where I did not plan it quite right and a little extra time on the clock to let it mint naturally should help me migrate it

664. By cm74#4165 in the Javascript Channel on 01/15/2023

Hello! I trying to connect a website with a wallet and I am following the instructions of hashconnect.

I end up to this error: Uncaught SyntaxError: Unexpected token ':'

Could you help me, what does it mean ? How do I handle it?

The error comes from this code :

```
let appMetadata: HashConnectTypes.AppMetadata = {  
  
  name: "dApp Example",  
  description: "An example hedera dApp",  
  icon: "https://127.0.0.1/staticfiles/images/img.png"  
}
```

665. By deejay0076 in the Smart Contracts Channel on 01/14/2023

@AbsolutelyNot another related question...what if the data usage costs are not paid? I have a deployment that in current state is treasury for a token & would be charged for storage when we get to that point (I guess this is a way off so moot for now) ...is that too exempt? Explicitly, I am annoyed with myself on this one as the clean down (reset) method that would take it below data storage threshold is not batched correctly so it runs out of gas ...it should be ok in the future but not quite yet. All others I have deployed have a better clean up method to suck data out.

666. By nubeasado in the Developer General Channel on 01/14/2023

it's made by <https://www.bcw.group/>, which are very close to Hedera, they *apparently* attend Governing Council meetings sometimes but aren't recorded in the minutes (idk how true that is).

BCW Group control and manage the HBAR Foundation's market development fund.

They're based in Hong Kong, and do have a 'our leadership' section on their about page, although it's blank^o

their linkedin though if it helps - <https://hk.linkedin.com/company/bcw-group2019>

667. By 0xmasala in the Developer General Channel on 01/14/2023

I would consider them important and think many other people do. Hashport is the only bridge to Hedera and if it goes down or gets hacked the network will be hit hard. Look at Harmony as an example.

I think it would be really helpful if you can confirm they have doxed to Hedera and the Hedera team has done enough research when funding them.

At the end of the day Hedera needs adoption to grow and that adoption won't come if we don't have a trusted bridge.

668. By AbsolutelyNot#3226 in the Developer General Channel on 01/14/2023

Not relevant questions I think.

You can direct these questions to HashPort directly.

669. By zcstarr in the Developer General Channel on 01/13/2023

@AbsolutelyNot awesome! just pinged ya a dm with couple more questions . But I'm excited about this relay service, been scrolling through the github this morning!

670. By Greg Scullard#5365 in the Smart Contracts Channel on 01/13/2023

Not supported usually means you are invoking an api that's not enabled on the network.

671. By kebz. in the Developer General Channel on 01/13/2023

Appreciate your time and help. I have been staking hbarx for months with no reward. Fml

672. By kedad in the Developer General Channel on 01/13/2023

What happened to the metamask support? On roadmap?

673. By Liebenfiels#7895 in the Developer General Channel on 01/13/2023

Yes, they can restart infrastructure and miss 10 min window to mine block, so what. None of them need then

help of developers to be added back again for network or wait for next full network restart window to be back online. WP states that nodes come and go.

674. By fessmm in the Developer General Channel on 01/13/2023

bringing it down further is great, but my question actually was without downtime

675. By alban1567 in the Developer General Channel on 01/13/2023

before getting this resolved.

08:13

Do you mind sending along any proof of your original wallet(the source wallet), like any transactions before or wallet creation proof, or anything that related to the ownership of your wallet? And if you can ask the wallet platform support to provide any evidence?

676. By alban1567 in the Developer General Channel on 01/13/2023

Hi all I have a question from Binance about a former hbar account of mine:

677. By AbsolutelyNot#3226 in the Developer General Channel on 01/12/2023

@Oxmasala They have been informed. Waiting to hear back.

Update:

> They can email support@hashport.network in addition to twitter DMs and a Reddit channel

678. By kebz. in the Developer General Channel on 01/12/2023

Hey guys. I have been staking my hbars for at least 6 months now, and I completely forgot about it. I cannot claim any rewards thru Hashpack at all. Website says they are claimable every 24 hours and to reach out for help. Could anyone help?

679. By AbsolutelyNot#3226 in the Developer General Channel on 01/12/2023

I can forward these questions to them.

They are The HBAR Foundation's funded project.

680. By Oxmasala in the Developer General Channel on 01/12/2023

1. Who should I contact if I use hashport and my funds get stuck? I see lots of messages from people with that same issue in this discord but no one points them to any support channel.

The only place I can see where to contact hashport is their contact form.

2. Is the hashport team anon or where can we see details of the team members?

3. What kind of relationship do the Hedera and Hashport teams have?

4. Is there a hashport dashboard where we can see liquidity and other stats?

681. By nubeasado in the Developer General Channel on 01/12/2023

nope, i'm just helpful (or try to be)

682. By Oxmasala in the Developer General Channel on 01/12/2023

Thanks That's a shame there's no other way to contact them. definitely not a good look. Do you work for Hedera? I see you don't have any special role here but you are the most helpful member

683. By Oxmasala in the Developer General Channel on 01/12/2023

Do they have telegram? What's their support channel?

684. By 0xmasala in the Developer General Channel on 01/12/2023

Can anyone point me to the hashport discord or telegram? i can't find it.

I am a bit hesitant of trusting hashport or any hst tokens given how little transparency it shows and how har it is to find support.

I see many messages in this server mentioning stuck bridge transactions and they get no support

685. By supremax67 in the Developer General Channel on 01/12/2023

@ROME | ENIGMA 42 @equa That -xxx is called a checksum function.

For wallets that supports it. Without that function, if you mistype the account ID, the funds will go to someone else.

Only works with wallets that supports it, for the ones that doesn't, don't include it.

Oh and always do a very small test withdrawal and deposit before using any accounts.

686. By Danik#6464 in the Java Channel on 01/12/2023

<https://stackoverflow.com/questions/69587986/getting-transaction-oversize-error-when-submitting-a-transaction-on-the-hedera-n>

687. By phillip.ross in the Developer General Channel on 01/12/2023

Hello, when I enter an ID to receive an NFT from the HBAR wallet does it cost a transaction fee? This is the first time I have used HBAR and am educating myself. Am from Orbis as a Sigma Ambassador and Cybersecurity Expert. I am putting together information on HBAR and the security of your blockchain. Would appreciate the help on only the transaction fee and if that will require me using Moonpay to get assets in my wallet?

688. By superxpeed in the Javascript Channel on 01/11/2023

For create account automatically, you can use this code.

And will send some hbar from ACCOUNT_ID to newAccountId. (amount is sendBalance).

```
// Get operator from .env file
const operatorId = AccountId.fromString(process.env.ACCOUNT_ID);
const operatorKey = PrivateKey.fromString(process.env.PRIVATE_KEY);
const client = Client.forTestnet().setOperator(operatorId, operatorKey);

const newAccountKey = PrivateKey.generateED25519();

const response = await new AccountCreateTransaction()
  .setInitialBalance(new Hbar(sendBalance))
  .setKey(pvKey.publicKey)
  .execute(client);
const receipt = await response.getReceipt(client);
const newAccountId = receipt.accountId;
```

I hope this code will help you.

<https://docs.hedera.com/hedera/docs/sdks/cryptocurrency/create-an-account>

689. By Liebenfiels#7895 in the Developer General Channel on 01/11/2023

For enterprise adoption there should be no question what if- neither to pay fee x number of nodes send, to cover nodes limitations. There should broadcast and should go and no risk to fail. We know nodes can go offline from time to time, hence if tx cost would be twice lower, apps by default could submit the same transaction to 2 different nodes at time (even randomly chosen by app each time) and pay the same cost as now, eliminating any broadcast failure.

690. By supremax67 in the Developer General Channel on 01/11/2023

You tried asking Ledger that question?

This is not an Hedera implementation but a Ledger implementation. Hedera doesn't own Ledger

691. By AbsolutelyNot#3226 in the Developer General Channel on 01/11/2023

There were two, now there should be +24 proxies.

This may help.

<https://github.com/hashgraph/hedera-sdk-js/issues/1363>

692. By teacoat in the Developer General Channel on 01/11/2023

yeah i've been updated to that one for awhile now, doesnt seem to help, its not marking unhealthy proxies or something

693. By AbsolutelyNot#3226 in the Developer General Channel on 01/11/2023

This should help with some of the issues.

<https://github.com/hashgraph/hedera-sdk-js/issues/1362>

694. By teacoat in the Developer General Channel on 01/11/2023

props where they are due, when i have an issue the launchbadge people are generally very helpful

695. By ed.marquez in the Token Service Channel on 01/11/2023

Neither `TransferTransaction` or `addNftTransfer` not deprecated. See <https://docs.hedera.com/hedera/docs/sdks/tokens/transfer-tokens>

The documentation indicates that the `addNftTransfer` takes in an `nftId` object, and the account IDs of sender and receiver.

The blog article (not documentation) shows an alternative approach supported by the SDK to transfer NFTs, where the tokenID+serial are provided. When in doubt, follow the official documentation at <https://docs.hedera.com/>

696. By padma13#5586 in the Developer General Channel on 01/11/2023

hello mate, what are the best wallets that support HEDERA?

697. By .cryptorush in the Token Service Channel on 01/10/2023

Is there any plan for supporting IERC721Enumerable interface for NFTs?

698. By nubeasado in the Developer General Channel on 01/10/2023

it's not on the list of supported assets & blockchains

699. By deejay0076 in the Smart Contracts Channel on 01/10/2023

If I get a 'NOT_SUPPORTED' error on testnet is that on me (bug) or the network?

Trying to update my staking method for NFTs. The current one uses v3.0 of the `cryptoTransfer()` method that only took `TokenTransferList[]` as an argument. Now the signature has been adjusted to allow hbar transactions too (`TransferList`, `TokenTransferList[]`), but when I try and use that passing in an empty `TransferList` struct and or initiating and setting the transfers attribute to an `AccountAmount[](0)` I get the 'NOT_SUPPORTED' error.

I was hoping to upgrade to the latest precompiles for good hygiene, but if I need to downgrade again, for now, would be good to know. Thanks!

700. By vladadam. in the Developer General Channel on 01/10/2023

Hello,

I'm having an issue trying to create a wallet on desktop on through the app. « Failed to sync wallet » once I've clicked on the verification email. Any help?

Thanks a lot!

701. By _gnirps in the Consensus Service Channel on 01/10/2023

Hi, my app is stuck (no response) when calling Consensus Service through the Hashgraph .NET SDK (<https://www.nuget.org/packages/Hashgraph/>). Can I get any help on this? I didn't make any changes to the code and Hedera account have enough funds, so I am a bit confused what's going on. Is this the right place to ask for such kind of help? Thanks

702. By hemant4832 in the Smart Contracts Channel on 01/10/2023

Hi Everyone, i am trying to do a approved transfer from smart contract But this gives me error that spender does not have enough allowance.

I double checked we do have allowance

[https://hashscan.io/testnet/transaction/1673338881.922853773?](https://hashscan.io/testnet/transaction/1673338881.922853773?tid=0.0.49226051-1673338870-448339260)

[tid=0.0.49226051-1673338870-448339260](https://hashscan.io/testnet/transaction/1673338881.922853773?tid=0.0.49226051-1673338870-448339260)

Can someone help me what i am doing wrong

703. By Liebenfiels#7895 in the Developer General Channel on 01/09/2023

If something is still not clear then narrow down please the question on staking- what you missing

704. By j.ledgerama in the Developer General Channel on 01/09/2023

Happy Monday HBARbarians and Walla Mob! We hope everybody is ready for another year of fun, drama and excitement in the crypto-sphere. Join us today as we kick off the first Alternative Money Monday of the year, today at 12 Noon EDT, with one of the most OG of OGs in Hashgraph, Ken Anderson from LaunchBadge.

Wallawallet now supports the Kabuto Name Service (KNS) and today we'll be going over KNS and why these new domain names are important for the Hedera ecosystem and Web3 in general.

We'll be asking Ken about:

- What is KNS and how does it work?

- Domain expiration and rules of the road
- What is the potential for these domains and IoT?
- How is KNS the same or different than Web23 and Hashgraph.name?

Join us for the livestream and BYOQ (bring your own questions) and don't forget to follow us on Twitter @wallawallet to enter to win 10,000 JAM Tokens every week! <https://youtu.be/Xb-m9MXhIs0>

705. By Eileenie#8213 in the Consensus Service Channel on 01/09/2023

For the hyperledger pluggable hcs tutorial, when executing the byfn script, I get the an error message: "Cannot run peer because error when setting up MSP of type bccsp from directory /opt/gopath/src/github.com/hyperledger/fabric/peer/crypto/ordererOrganizations/example.com/users/Admin@example.commsp: KeyMaterial not found in SigningIdentityInfo". Any help would be greatly appreciated.

706. By Eileenie#8213 in the Consensus Service Channel on 01/09/2023

For the hyperledger pluggable hcs tutorial, when executing the byfn script, I get the an error message: "Cannot run peer because error when setting up MSP of type bccsp from directory /opt/gopath/src/github.com/hyperledger/fabric/peer/crypto/ordererOrganizations/example.com/users/Admin@example.commsp: KeyMaterial not found in SigningIdentityInfo". Any help would be greatly appreciated.

707. By cryptocraxker in the Developer General Channel on 01/08/2023

Does anyone here use hashpack wallet?? I have a question about my staking rewards

708. By davinci783 in the Developer General Channel on 01/08/2023

Dear Hedera Hashgraph community,

We are excited to announce the launch of <https://davincigraph.io/>, the ultimate NFT destination for collectors, investors, and enthusiasts alike! Our platform is powered by the innovative Hedera Hashgraph technology, which offers a high-throughput, low-latency, low-fee, and secure environment for creating, buying, selling, and trading NFTs.

In addition to NFTs, you can also use DaVinciGraph to create and buy digital tickets and coupons for events, travel, and other purposes. Thank you for your support and we look forward to seeing all of the amazing creations that our community will bring to the platform.

Best regards

709. By craycrayultracontrarian in the Javascript Channel on 01/08/2023

Thank you so much, this discord has provided so much help to me in the past couple months. I hope everyone had happy holidays especially the kind people who help beginner coders like me with their errors.

710. By craycrayultracontrarian in the Javascript Channel on 01/08/2023

A different unrelated question: do I need to pay for a pinning service? Will it even make the loading speed of my NFTs load faster in wallets if the wallet or marketplace has their

own gateway to load the CID through? If this question can go either way, what's your opinion?

711. By rahtatah in the Developer General Channel on 01/07/2023

Yeah the discord HBAR club are very good people in there. Very helpful and good manners. Chill and krill is what they say. Very beginner friendly

712. By aesthytik in the Token Service Channel on 01/07/2023

hello all, Hope you all having a an amazing day.
I have a question regarding hedera NFTs.

Is it possible to create a leaderboard of nft holders on the basis of number of NFTs they hold?

Do we have some APIs that we can use directly?

713. By deejay0076 in the Smart Contracts Channel on 01/07/2023

It has a unit test suite so should help you see the differences

714. By hbarro#3150 in the Developer General Channel on 01/07/2023

I think hedera is fantastic. Otherwise I wouldn't be such a big supporter.

I'm not suggesting having a full panel of humanitarian organisations on the Governing Council but I think there is room for more "people before profit" organisation.

715. By supremax67 in the Developer General Channel on 01/07/2023

@hbarro You are making assumptions that humanitarian organisations can't be corrupted.

You stated it yourself "**Humans beings are opportunists**"

So let me ask you this question, what has a higher chance of being corrupted with money. A company who makes no profit or a company who makes way more than the network it is helping to run?

716. By evilmorty.hbar in the Javascript Channel on 01/06/2023

Hey team,

So I have this tested script which has the ability to airdrop NFTs and it was working fine with all the collections except for this one collection. When I'm trying to send NFTs of this particular collection, I'm getting the error "ACCOUNT_KYC_NOT_GRANTED_FOR_TOKEN".

My questions are:

- What would possibly be the reason for this?
- How can I fix this exact error in the sending script?

I did a search in this server but couldn't find a solution on what's the fix for this
TIA

717. By deejay0076 in the Developer General Channel on 01/06/2023

Token gates (rules) supported can be based on the following:

- a given token
- a specific serial for a given token [vs any serial]
- a quantity of a given token [e.g. whale role]
- [aggregateGate] a quantity of a combination of tokens/serials [e.g. 50 across a series of

tokens == Whale]

- [uniqueTokenGate] user has to have 1+ of each token specified in the tokenGate [set of 5 tokens of token/serials and user must own 1+ of each] additionally can make this 'unbalanced' so 1+ of token X AND 5+ of token Y.

- also added the ability for a token to be 'worth' more than 1 unit against these aggregated gates.

- added functionality to restrict how many of a token count [e.g. only 1 OG token can be used towards an aggregate gate]

If you want to have a different use case, let me know, and I will see if I can accommodate you.

Currently, it is:

Monitoring 2,910 registered wallets

applying 6,627 token gates (some bloat due to flexibility and single serial tracking)

based on 1,230 tokens (116,952 serials)

Across ~98 servers

Adds/removes roles for (unlisted) NFTs multiple times an hour (should never be more than ~15 mins for a role to be added/removed but generally much faster)

on permissions: the bot needs the ability to manage roles (kind of a given), but I tend to have it locked down other than that; it does not have message intent (ability to track messages) - instead uses slash commands as discord recommends.

718. By deejay0076 in the Developer General Channel on 01/06/2023

um... candidly never built it to share but happy to chat and get you sight of the code base if needed. I built it for our projects but figured i could make it scale to help out others and I host it all. The core benefits (for users) come using the same instance as they only ever need to validate a given wallet once then works across all servers.

719. By vr1587 in the Javascript Channel on 01/06/2023

it's a big shame that .addUint256() doesn't support Uint8Array[32]

720. By Daniel Gomes#4700 in the Smart Contracts Channel on 01/06/2023

Hi , the Hedera Smart Contract Service docs say that Solidity 0.8.9 is supported.

Should I compile the smart contract using only this version? Can I use the latest Solidity version, 0.8.17?

<https://docs.hedera.com/hedera/docs/sdks/smart-contracts/create-a-smart-contract>

721. By vishaloneto11#5548 in the Token Service Channel on 01/06/2023

@Michael Garber @Greg Scullard @VR @Supremax67 @jaycool hello frnds , i created the NFT using HTS the token is created i also mint the token by providing CIDall things going on soomthly till 4 jan 2023 after that i do not know what happen code is not running automatically pls help me on this !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!please

722. By rahtatah in the Developer General Channel on 01/06/2023

Hey! I need some advice from an experience Hedera fanatic who have been in the game since the beginning.

My question ♀ is !

How much HBAR do I need to get a 5-6\$ daily on staking. I saw a post on Saucerswap a few days ago. And one of the top guys said something like . You need 2kHbar and 2kSauce to get 6\$ on farm. Can you confirm on the last one and give me the correct number one the first one 🖱 (the pure hbar staking)

Info and intel will be much appreciated ♂

723. By cm74#4165 in the Javascript Channel on 01/05/2023

Another question . Is it possible with tokenId to find all serialnumbers?

724. By Apstream#1094 in the Developer General Channel on 01/05/2023

Hi! I have a simple question: when I staked some HBARS via my HashPack Wallet and want to add to the staked amount, would HBARS sent to my wallet be staked automatically or I would need to unstake and stake again the new amount? It would be useful to have an "ADD to STAKE" button in the wallet

725. By MikeM#4800 in the Token Service Channel on 01/05/2023

Hi all, quick question, should a supply key be unique to a single NFT or can one supply key be universal for several NFTs? i.e. NFT_A with supply of 1000 and NFT_B with supply of 10000 can use the same supply key or not?

726. By Michael Garber#5033 in the Token Service Channel on 01/05/2023

The reason is that although uint64 is a supported type in protobuf, its not very performant in Java. It had something to do with the data structure that was used in the Java implementation of uint64. At that time, everything was in int64 so we kept it consistent

727. By vr1587 in the Token Service Channel on 01/05/2023

Question still stands

728. By sifuguillermo in the Developer General Channel on 01/05/2023

Hello Hbar fam. Can anyone show me where I can look up tokens listed on the exchanges Saucerswap or Heliswap. How do I look up the market cap and exchange activity of tokens like Whale or Lil, there are others on coingecko but not mentioning they are with Hbar and I can't find an explorer for Hbar tokens from the ecosystem area. Any ideas to help traders understand the price and volume of tokens in the Hadera ecosystem?

729. By supremax67 in the Developer General Channel on 01/04/2023

Did you bother asking Ledger? The option is there, Ledger just has to support it.

730. By itssincerelyme in the Developer General Channel on 01/04/2023

quick question

731. By craycrayultracontrarian in the Javascript Channel on 01/03/2023

That makes sense, can i dm you if i have any more questions when I'm trying it?

732. By KaBuSs259#5820 in the Developer General Channel on 01/03/2023

Hello there I have a question regarding HashAxis marketplace (or a different one). Is there a way how to list my own token? Token is plain NFT made via HTS

733. By Liebenfiels#7895 in the Developer General Channel on 01/03/2023

Why don't you go official route via support ticket via hashpack discord. You will have scammers contacting you instead if you write just like that.

734. By mo5915 in the Developer General Channel on 01/03/2023

can anybody help?

735. By mo5915 in the Developer General Channel on 01/03/2023

hey guys, i need help regarding hashpack and ledger

736. By nubeasado in the Developer General Channel on 01/03/2023

i just don't think there's any explorers atm that support that

737. By deejay0076 in the Javascript Channel on 01/03/2023

<https://docs.hedera.com/hedera/mainnet/fees>

Fees are measured in \$ equivalent and paid in hbar. To size it this page should help. Given it is a max amount (i.e. it will take less if it needs less) then might as well add some headroom.

738. By nubeasado in the Developer General Channel on 01/02/2023

any hedera staff here atm that I could ask a quick (hopefully) question to?

739. By jown_iv in the Developer General Channel on 01/02/2023

Any information out there as far as a timeline for when Ledger will be supported on Hashpack mobile?

740. By cm74#4165 in the Javascript Channel on 01/02/2023

Hi ! I am following the tutorial Create and Transfer Your First NFT in Hedera's website and I have this error : error status INSUFFICIENT_TX_FEE. Any help? What does it mean?

741. By cm74#4165 in the Smart Contracts Channel on 01/02/2023

Hi! Happy new year to everyone! I am new to Hedera and I have some questions. I am following the tutorial Create and Transfer Your First NFT on Hedera's website. Could anyone tell me what are the parameters: OPERATOR_ID, OPERATOR_PVKEY, TREASURY_ID, TREASURY_PVKEY, ALICE_ID, ALICE_PVKEY and where could I find them ? Thanks !!

742. By deejay0076 in the Smart Contracts Channel on 01/02/2023

if you wish to mint and use a separate launchpad (like hedera sentient, Zuse, Turtle Moon or HashGuild) there are (paid - or gated) services out there that i think help (Kablia, Hbarspace) to help you mass mint. or you could look into TMT minting tools which was one of the originals and is open source/runs on your computer or if you don't mind rolling up your sleeves and running scripts then I have a suite of minting scripts that I make available via 'coding corner' to LSH holders in the discord - perhaps less user friendly but full power in your hands. Feel free to hit me up on DMs to save me from polluting the channel further.

743. By jadge1 in the Smart Contracts Channel on 01/02/2023

As I mentioned I'm new to Hedera. I'm open to suggestions and would appreciate any help I can get.

744. By deejay0076 in the Token Service Channel on 01/02/2023

Cross-posting multiple channels rarely helps, unfortunately. Better to stick to one and explain what you are after in a little more detail.

745. By deejay0076 in the Smart Contracts Channel on 01/02/2023

batch minting? care to elaborate for us to try and help? from a smart contract? with api? a more detailed use case? happy to try and help but right now I have to guess what you want which likely leads to disappointment for all involved. Thanks!

746. By jadge1 in the Smart Contracts Channel on 01/02/2023

Hi guys, I would really appreciate if anyone can help me with batch minting nfts on hedera. Thanks

747. By typh0n6587 in the Token Service Channel on 01/02/2023

Hello, I'm Remi from Sun Zu Lab a crypto analytics company. I'm contacting you because you may need to look more closely at HBAR liquidity and market making programs. We help Token ecosystem better manage their token liquidity, especially with their market-making programs. I think it could be interesting to discuss a way to monitor their efficiency. Could you please help me find the right person to talk to about token liquidity and market risk analysis?

748. By vishaloneto11#5548 in the Token Service Channel on 01/02/2023

@Deejay i did not create nfttoken with the help of HTS .pls help me on this

749. By nubeasado in the Developer General Channel on 01/01/2023

it doesn't support it yet

750. By fazoo52 in the Developer General Channel on 01/01/2023

Sweet. I'm gonna jump back to that staking question one more time, what's the difference between staking using ledger and staking using hashpack? Is it security??

751. By fazoo52 in the Developer General Channel on 01/01/2023

So stupid question what am I actually doing when setting up hashpack through ledger?

752. By fazoo52 in the Developer General Channel on 01/01/2023

And actually 3rd question, the 6.5% return is annual per year, correct?

753. By fazoo52 in the Developer General Channel on 01/01/2023

2 questions: 1) if you set up hashpack through ledger, do you need to have your actual ledger device hooked up to stake through hashpack, or can you just sign into the hashpack extension and stake without needing the ledger device in hand? And 2) if you purchase more hbar on exchange while staking, and transfer that balance to hashpack, would that amount automatically get rolled into the stake?

754. By Liebenfiels#7895 in the Developer General Channel on 01/01/2023

Yes this was problem in early days and remain. I remember hash-hash explorer had leader board High to Low, it was easy to check how many have some significant balance

and how many is just added and not used or forgotten, or made to create impression that network has tons of accounts.

Hedera very did not like that Nik made leader board, as it was easy check and Hedera hyped account made in social media as some important metric, then it was deleted, it was not helping their narrative.

What matters are accounts in use even with small balance (as topped up) and larger accounts even if dormant.

755. By craycrayultracontrarian in the Javascript Channel on 01/01/2023

Is anybody able to help me with this? Is it just a stupid question?

756. By teacoat in the Developer General Channel on 01/01/2023

once ledger supports the needed functionality we will enable support

757. By nubeasado in the Developer General Channel on 01/01/2023

ledger doesn't support HTS along with a few other things, atm it essentially only supports storing hbar

758. By vr1587 in the Token Service Channel on 01/01/2023

Third question from those working on 1.1.2023 :

Can one SC have 3 Fungible Tokens initialised in it and be an issuer of all if those 3 tokens are basically like a "different lootbox" BUT it has identical functionality

759. By renchey in the Java Channel on 01/01/2023

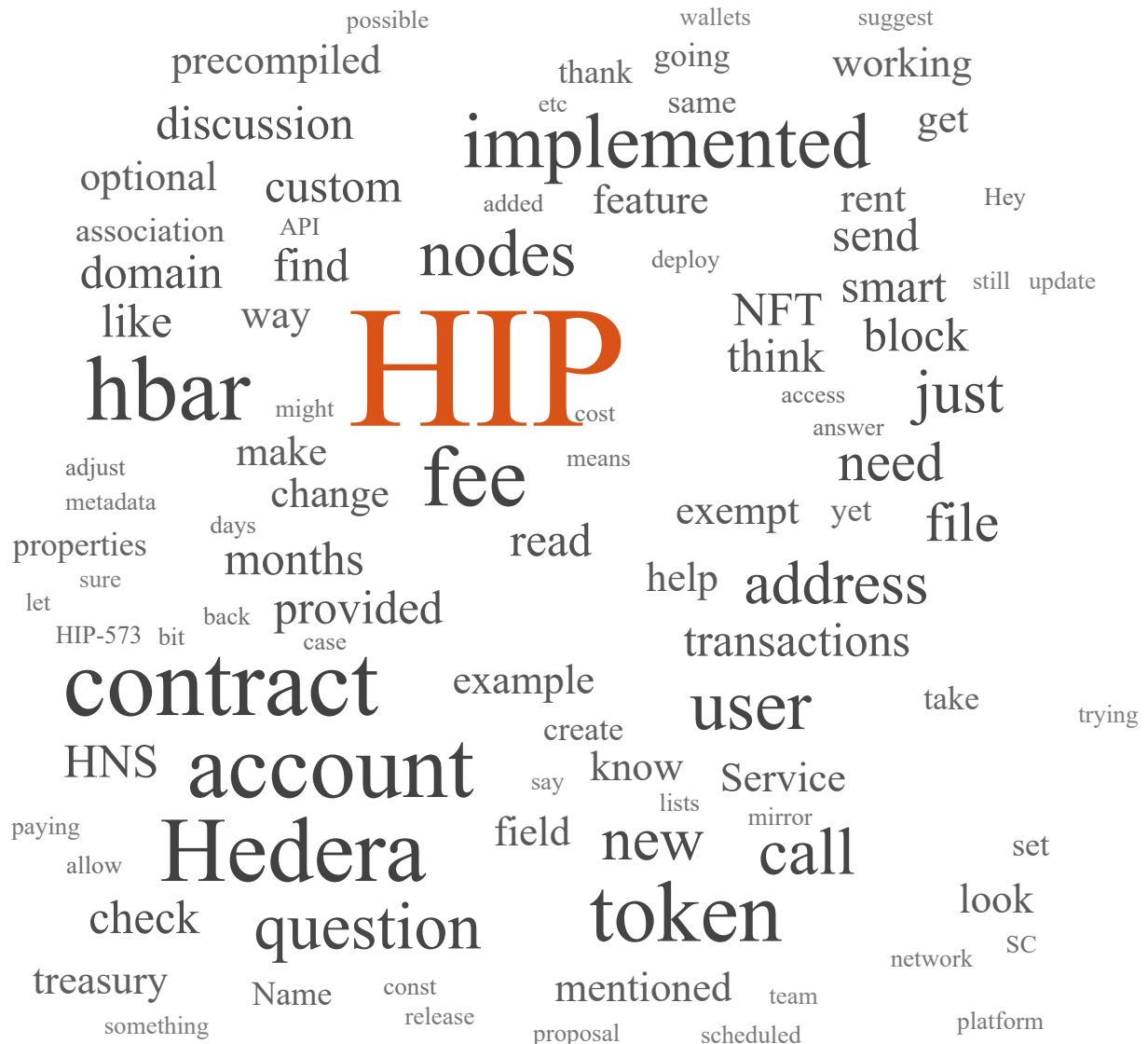
Happy new year Hedera Devs!

Has anyone had any luck with the Hedera auction repo example (<https://github.com/hashgraph/hedera-nft-auction-demo/>) ?

I cannot get the Java node to run! I have matched requirements, tried various versions of Java, Node and Gradle and its still failing to compile!

My errors <https://pastebin.com/9pP2ttpF>. Appreciate any help

Comments in 2023



Sorry for not getting back to you on this. Thanks for the offer. I did a bit of a deeper dive as part our Black Hole prototype and did a write up of how to read smart contract data for free using the mirror node APIs from HIP-584. Write-up is here for anyone in the future reading this. Head to "The Black Hole State" for details: <https://dovu.earth/en/the-black-hole-prototype-technical-walkthrough/>

Any ideas when HIP-657: Mutable metadata fields for dynamic NFTs will go live?

3. By jaycoolslm in the Token Service Channel on 07/27/2023

If its hosting an asset which uses the HIP-412 metadata standar

4. By rbair in the Token Service Channel on 07/13/2023

There are two new HIPs in discussion -- one with locking, and one with "partitions". I think he could in this case use the locking feature to get what he needs. Might be worth a look: <https://github.com/hashgraph/hedera-improvement-proposal/pull/751>

5. By w3n_micha in the Consensus Service Channel on 06/27/2023

@here this HIP has been merged since your last response. But I was unable to find documentation about this or an example on how to use it. I asked the question again here <https://discord.com/channels/373889138199494658/909532351388864542/1123255349126889502>

6. By w3n_micha in the Smart Contracts Channel on 06/27/2023

I found this HIP (<https://github.com/hashgraph/hedera-improvement-proposal/discussions/479>) about accessing the consensus service from smart contracts but I could not find the documentation or an example of how this can be used. Can you provide more information on this?

7. By bguiz in the Developer General Channel on 06/20/2023

on "virtual": blocks are not a concept that is known about at the consensus level. remember that Hedera is a DLT, but not a blockchain. consesnsus is achieved of individual transactions, not on multiple transactions grouped together (a block).

this concetp of a block is added after the fact, at the mirror node level in order to be able to support various JSON-RPC calls, which assume thatall transactions have a block. how this happens is that transactions are serialised into something called a record file, roughly every 2 seconds. these record files are ingested by mirror nodes. when RPC calls are made, all transactions belonging to the same reocrd file are considered to be in the same block.

ref: HIP-415: Introduction Of Blocks

8. By ohm_pathorn in the Developer General Channel on 06/18/2023

Hi @Trustless, thank you for your patience, we have HIP 423 that will extend the expiration time of scheduled but it's WIP. You can check the status from this page. <https://hips.hedera.com>

9. By .cryptorush in the Smart Contracts Channel on 06/15/2023

When is this HIP(<https://hips.hedera.com/hip/hip-719>) supposed to be implemented? And if it's done, can we associate token to EOA from smart contract?

10. By adriankbl in the Developer General Channel on 06/15/2023

<https://hips.hedera.com/hip/hip-15>

11. By ohm_pathorn in the Token Service Channel on 06/11/2023

Good news, the engineering team has just added a way to associate HTS. <https://hips.hedera.com/hip/hip-719>. The users can now call HTS address directly through the interface similar to ERC20 interface.

18. By justynjj in the Developer General Channel on 04/24/2023

Has anyone built an open source NFT metadata parser that you know of? A simple library that would take any metadata.json file and do its best to spit back a standardised common set of attributes ideally conforming to HIP 412 (title, description, image, files etc) for displaying the NFT.

Ideally it would do its best to add mime types for files image, png, glb, mp3 etc

Basically making it as simple as possible to render on a website.

There's a lot of marketplaces / wallets that must have a solution to this internally. Just wondering if I could help build on the shoulders of giants rather than build yet another implementation.

19. By pocos in the Smart Contracts Channel on 04/18/2023

General question -- I think I saw it in a HIP proposal, but are Hedera devs not clamoring for verifiable contracts akin to what Etherscan provides on Ethereum?

20. By r3ldrym in the Smart Contracts Channel on 04/13/2023

true but a job for me just means a way to meet the end of the month not necessarily a 9 to 5. Plus im in college so i do need to do some internships to

21. By ohm_pathorn in the Developer General Channel on 04/05/2023

There is a HIP for that, which has been accepted but not yet implemented. <https://hips.hedera.com/hip/hip-423>

22. By supremax67 in the Developer General Channel on 04/01/2023

I was looking for your answer in the discord. I did find this answer which would answer the second question on the same topic, but not the one you are asking atm.

<https://discord.com/channels/373889138199494658/768621337865486347/1032850918753980436>

For greater visibility, if you

want to ask your question on Monday in the #-token-service channel, most Hedera devs are not on during the weekend. There might also be a HIP about that very same question. @□

23. By supremax67 in the Javascript Channel on 03/30/2023

Perhaps something simple such as a reputation score voted by community wallet by HBAR weight and shown on Hedera website as the most "Trusted"? Sounds like a HIP to me.

24. By Michael Garber#5033 in the Developer General Channel on 03/29/2023

What error are you seeing? I know all of hip-583 hasn't made it to mainnet yet and that could be the issue

25. By ohm_pathorn in the Developer General Channel on 03/29/2023

yes, there is a HIP about dynamic NFTs and it's accepted. You can follow hip status from <https://hips.hedera.com/>. Your particular dynamic NFT hip is here <https://hips.hedera.com/hip/hip-657>

26. By defigirlxo in the Developer General Channel on 03/29/2023

check out the new HIP <https://twitter.com/defigirlxoxo/status/1641052729878667265?s=20>

27. By ohm_pathorn in the Token Service Channel on 03/24/2023

I believe HIP-573 <https://hips.hedera.com/hip/hip-573> introduced the new feature that allow token creator to exempt custom fee for the fee collectors. You can disable this feature by calling `.setAllCollectorsAreExempt(false)`. Please take a look at the example from the link <https://github.com/hashgraph/hedera-sdk-js/blob/2708b80bc69f853b743739a4e20be79226cb84dc/examples/exempt-custom-fees.js#L126>

28. By nils#5711 in the Developer General Channel on 03/16/2023

Are there any initiatives in the Hedera ecosystem - Hedera, Swirls, HBAR Foundation etc. - to facilitate development activity on Hedera Name Service assets? The two domain providers sell domain names but there isn't much to do with them other than flip them on Zuse. The pitch is that a domain owner has rights to all subdomains and can configure, sell, rent, or assign them as he sees fit, but in practice there is no way to do that as a domain owner has no HNS registry access. Web23 and HN are gatekeepers to HNS. HIP-534 was supposed to open access to '.hbar' registry but having spoken to both HN and Web23, it is not an active proposal and neither have made HNS open access and decentralization a priority. HNS has been live for 6 months now, the pace of new domain registrations has dropped to almost zero (fewer than 20k '.hbar' domains have been registered with only 171 registered in the past month), and with domains starting to expire in another 6 months this is looking like a huge lost opportunity, especially compared to the ecosystem that has developed around the Ethereum Name Service, with 2.8 million .eth name registrations and 100s of integrations across Web3. Love to hear thoughts on how to jumpstart HNS.

29. By alberto-IoBuilders#0345 in the Developer General Channel on 03/10/2023

I am trying to adjust the amount of HBARs provided in the "msg.value" field when invoking the "CreateFungibleToken" of the HTS precompiled contract.

As indicated in HIP-358 there is a demo contract somewhere where this "adjustment" has already been implemented, at least that is how I understood this bit:

Exchange rates might change and consequently Hbar cost for token create might change. The demo contract provided has the means to adjust how much Hbar is transferred as value to the precompile call.

In the How to teach this section the contract TokenCreateContract.sol is mentioned, but I checked it and I could not find any code implementing the HBAR adjustment.

<https://github.com/hashgraph/hedera-smart-contracts/blob/main/contracts/hts-precompile/examples/token-create/TokenCreateContract.sol>

30. By adriankbl in the Javascript Channel on 03/07/2023

Hello, good afternoon, I saw this HIP has just been approved. <https://github.com/hashgraph/hedera-improvement-proposal/pull/689>, how long can it take to have implemented in the SDK?

31. By .alextaylor in the Developer General Channel on 02/27/2023

Are there any decentralized private file services out there, built on hedera or otherwise?

How about extending HIP412 for some kind of "smart" uri eg

hedera://0.0.12345?cid=xxx

where the hedera file is an address book of nodes, and CID is a content identifier

32. By rhysied in the Developer General Channel on 02/24/2023

re: HIP-412, are there any recommended sizes for the "image" field provided for wallets/marketplaces outside of `a width between 320 and 1080 pixels` ? As in have people gravitated towards any particular size?

Also are there any guidelines about optimisation (e.g. using pngquant) ?

33. By Michael Garber#5033 in the Javascript Channel on 02/23/2023

Hello! There is a HIP in draft that discusses this very thing. Would you mind commenting on this pull request and describing what you need batch transactions for? <https://github.com/hashgraph/hedera-improvement-proposal/pull/551/files>

34. By deejay0076 in the Token Service Channel on 02/18/2023

I believe the treasury account is exempt from all charges for ****outbound**** as mentioned.

fee collector accounts 'it depends'

There was a recent HIP (HIP-573) to allow all collectors accounts to be excluded from any other custom fees but it is optional to turn on I believe in order to ensure backward compatibility in case there was reliance on the old implementation.

35. By bugbytes in the Token Service Channel on 02/18/2023

Other accounts sending ***inbound*** to the treasury are ***not*** exempt from fees, there was some discussion (and maybe a HIP) to change that shortly after one of the ransom-token attacks happened.

36. By RaphaelM#1144 in the Javascript Channel on 02/15/2023

Hey ! I'm unsure if the custom token fees are malfunctioning or if you're encountering issues when trying to exempt a specific account from paying these fees ?

I wanted to mention that with HIP-573, you have the option to exclude a particular account from paying custom fees.

Therefore, Hedera has not removed custom fees, but has instead added this as an optional feature.

37. By .piyush16 in the Javascript Channel on 02/15/2023

I need to implement HIP-573 Custom Token Fee.

I saw this article <https://hedera.com/blog/how-to-exempt-hedera-accounts-from-custom-token-fees>

I am trying to implement it but not working as expected.

Do anyone know why v30 output is not working now.
Is hedera removed custom token fee concept in upcoming versions?

38. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/14/2023

As DeeJay shared, architecture tweak may be considered.
Also, there is work being done on EVM Archive node (<https://hips.hedera.com/hip/hip-584>) currently targeting early Q2.
This may be of interest to you.

39. By AbsolutelyNot#3226 in the Developer General Channel on 02/11/2023

Would this help ?

<https://hips.hedera.com/HIP/hip-412.html>

40. By asheoro in the Developer General Channel on 02/10/2023

btw @altoid HIP583 was originally scheduled to be included in the 0.35 release in early March, but seeing there's on-going discussions it may be delayed <https://github.com/hashgraph/hedera-improvement-proposal/pull/673>

41. By AbsolutelyNot#3226 in the Developer General Channel on 02/10/2023

Curious to learn what you are working on ? Possible you can DM me, I would like to take this back to the team working on this HIP

42. By altoid__ in the Developer General Channel on 02/10/2023

My proof of concept is all set now, thank you so much for all your help I ended up just going with previewnet HIP-538 is a big deal for us makes things much more usable. Testnet was essentially not operative for EVM so probably something going on in that RPC adapter layer

43. By asheoro in the Developer General Channel on 02/09/2023

btw, if you use preview net, then HIP583 is already deployed

44. By asheoro in the Developer General Channel on 02/09/2023

i know it's a bit wonky but HIP-583 will resolve this oddness

45. By asheoro in the Developer General Channel on 02/09/2023

again, for now you'll probably have to use the SDK to send hbar to the pubkey (not pub addr) until this HIP is active. It was supposed to go into the most recent Services release, but was pushed. Lemme find out the current status.

46. By asheoro in the Developer General Channel on 02/09/2023

idk if MM lets you send to a pubkey. We'll very soon have this addressed <https://hips.hedera.com/hip/hip-583>

47. By AbsolutelyNot#3226 in the Smart Contracts Channel on 02/07/2023

For now, and it is about to change in near future, treasury should continue to operate as is. Treasury is exempt from _rent_.
The behavior once rents are enforced on treasury is still being considered (probably a HIP for community to provide input).

48. By antorcol in the Token Service Channel on 02/01/2023

I'm going over the info about the token-service, and I have a couple of questions. My first question is about creating tokens:

The most recent TokenCreate API at <https://docs.hedera.com/hedera/docs/hedera-api/token-service/tokencreate> lists 21 properties you can use to create a token. It is unclear which of these are required. The whitepaper at https://hedera.com/hh_tokenization-whitepaper_v2_20210101.pdf lists a fewer number of properties (12), but does list `name`, `symbol`, `decimals`, `treasury account`, `token renewal account`, and `initial supply` as required or mandatory. Should I assume this same set of six properties are the only required ones to create a token?

Also, side question -- is the correct term for these token features `*field*`, `*attribute*`, `*property*`, or ????. The SDK listed above uses `*field*`. The HIP-412 (<https://hips.hedera.com/hip/hip-412#required-optional-and-conditionally-optional-fields>) also uses `*field*`, but Michael Mulders' discussion about Hedera NFT Metadata (<https://hedera.com/blog/hedera-nft-metadata-hip412>) uses `*property*`.

49. By RaphaelM#1144 in the Smart Contracts Channel on 02/01/2023

Hey ! @Miguel Ángel- ioBuilders

Like DeeJay said we don't have any fee component inside the HederaToken struct of the precompiled so you can't update the fee schedule from the precompiled contract. From HIP-514: Hedera Token Service Precompiled Contract Token Management Functions <https://hips.hedera.com/hip/hip-514>

You can see that they are an user story that talk about retrieve the fee schedule but not update it, I need to talk with the team to see if this is something on the roadmap.

50. By justynjj in the Token Service Channel on 01/31/2023

Is there a HIP anywhere in the pipeline yet that you know of to address these allowance issues? I think it would benefit a lot of people to get them resolved.

51. By AbsolutelyNot#3226 in the Developer General Channel on 01/31/2023

@inosuke_144 in addition to what @DeeJay shared, we expect to push out HIP-513 (<https://hips.hedera.com/hip/hip-513>) later in Feb. This may be of interest to you.

52. By AbsolutelyNot#3226 in the Token Service Channel on 01/30/2023

@Chriss , @DeeJay : Confirmed from the team. There should be +1000 Auto-associations slots. these can be added 5K steps. So the pattern as described in the HIP should work. If it does not, we got a bug !

53. By deejay0076 in the Developer General Channel on 01/30/2023

```
```\n\nconst query = new AccountInfoQuery().setAccountId(acctId);\nconst info = await query.execute(client);\n\nconst tokenMap = info.tokenRelationships;\nconst tokenBal = tokenMap.get(tokenId.toString());\n```\n
```



### **54. By johnda98 in the Smart Contracts Channel on 01/27/2023**

@Ed Marquez Other option as mentioned a while ago.. would be yes a HIP to offer a deployer a longer auto-renew - as greater deploy tran cost - but a revenue benefit to the nodes/resources.. depending on yr tran cost algos.. maybe a geometric or linear scale 92day .... 184.. etc..

this way a User see a use-case of a SC and verifies the autorenew and can say to themselves.. ok cool.. this Platforms usecase's lifecycle is 6 months 184 days or so.. and held immutable until then(ie first rent due).. no need to check if platform has paid rent by calling its contract to see if it excepts or to set a calendar to get Assets out - if they see renew account is 0 and SC holds 0 HBAR.

Usecase/platform can pre-pay its Landlord and that pre-pay is paid/final.. and can be seen publicly by a User off the bat... as opposed to having to validate platforms's promises to its Users that they will pay a rolling 92 days... or say a User having to check that to see if a platform has paid and/or hbar held is not 0.

'all good' as they say.

### **55. By GarySmith | | Don't DM#4478 in the Developer General Channel on 01/24/2023**

@everyone HashPack 5.0.0 launched today, we will have an official announcement of this update soon but you may notice 5 letters after your account id in various places - this is called a checksum and is basically an optional security measure to help make sure people don't send to an incorrect account. It was proposed by Leemon himself in HIP-15 (<https://hips.hedera.com/hip/hip-15>)

You don't need to include this string of characters to send to your account, its just an extra layer for apps that support it. You are free to leave it off if whatever dapp or exchange you are using doesnt support it.

If you are sending a large amount of hbar from one account to another, its useful to include it to make sure you don't miss a number and send 10k hbar to 0.0.1235 instead of 0.0.12345 for example.

We will likely tweak our implementation of it based on user feedback, so let us know if you find this useful (or hate it)

### **56. By AbsolutelyNot#3226 in the Javascript Channel on 01/18/2023**

Ah. Let me get you a HIP reference which may address your use-case.

### **57. By deejay0076 in the Smart Contracts Channel on 01/17/2023**

Thanks kindly. I tried but failed to do that. Specifically in this case I think it is an extension to a HIP vs a new one and a change in method signature. It would be awesome is the comments checked in with a method referenced the relevant HIPs to help track down changes - sounds like a great intro note for devs coming to the network [sidebar: i am not sure is the precompile SC as in a package to help track versions now? I have become used to coming up the latest version haphazardly when I spot it]

**58. By Greg Scullard#5365 in the Smart Contracts Channel on 01/17/2023**

I'll see if there is an easy way to find out other than to look at release notes for the HIP that implements a feature, then checking if that release is on previewnet/testnet/mainnet.

**59. By jeflyer in the Developer General Channel on 01/17/2023**

Is this hip 351 live?

**60. By AbsolutelyNot#3226 in the Developer General Channel on 01/17/2023**

For random number see: <https://hips.hedera.com/HIP/hip-351.html>

For Oracle Svc: Plz contact THF. They have few initiatives in flight and at the moment this may be invite only

**61. By intensor10 in the Developer General Channel on 01/16/2023**

Hey, I was reading some of Leemon's papers and he answered my question--I think it was in one of the HIPs--which suggested I had to put HBAR into the new Hashpack wallet on Brave--and viola: then I could see the public key!

**62. By expected.christmas in the Token Service Channel on 01/16/2023**

Back to my question, I read a sentence in HIP-367,

> A User can configure auto association to more than 1,000

and now I see that it doesn't mean that a user can configure unlimited auto association. Although if it mean the unlimited auto association, this approach is not smart way for some reasons.

Let me try DeeJay your great guide. The example SC transaction is so useful.

**63. By AbsolutelyNot#3226 in the Smart Contracts Channel on 01/14/2023**

John, it may be possible and you can suggest a HIP.

I think there were other suggestions from community, e.g. have XXX months of rent equivalent HBar deposited in the entity account and as long as this deposit threshold is met, the entity is exempt from rent. (Increasing costs of malicious action)

**64. By johnda98 in the Smart Contracts Channel on 01/14/2023**

@AbsolutelyNot mentioned it a few months ago - be awesome if a deployer could pay upon deploy - for an auto-renew longer than 90 days - for usecases that demand no rent-liability for any period ie immutable upon deploy for x seconds. a nice HIP for someone to suggest - nodes may like the extra tran & gas income upfront of maintaining a contract > 90 days.

**65. By AbsolutelyNot#3226 in the Developer General Channel on 01/12/2023**

Address CheckSum -a safety measure. You can read more about it here.

<https://hips.hedera.com/hip/hip-15>

\_To prevent such manual entry mistakes, we propose the introduction of address checksums, which could be optional to preserve address backward compatibility.\_

**66. By Liebenfiels#7895 in the Developer General Channel on 01/01/2023**

You have now just over 4k unique accounts used daily out of well over 1M. This statistics still improved in 2022, previously for years it was around 1k/daily.

For 2023 what to focus on :

1. Network scalling (as pitched during 2018 Hedera launch) as priority to enable larger

uses cases, 100k TPS throughput minimum.

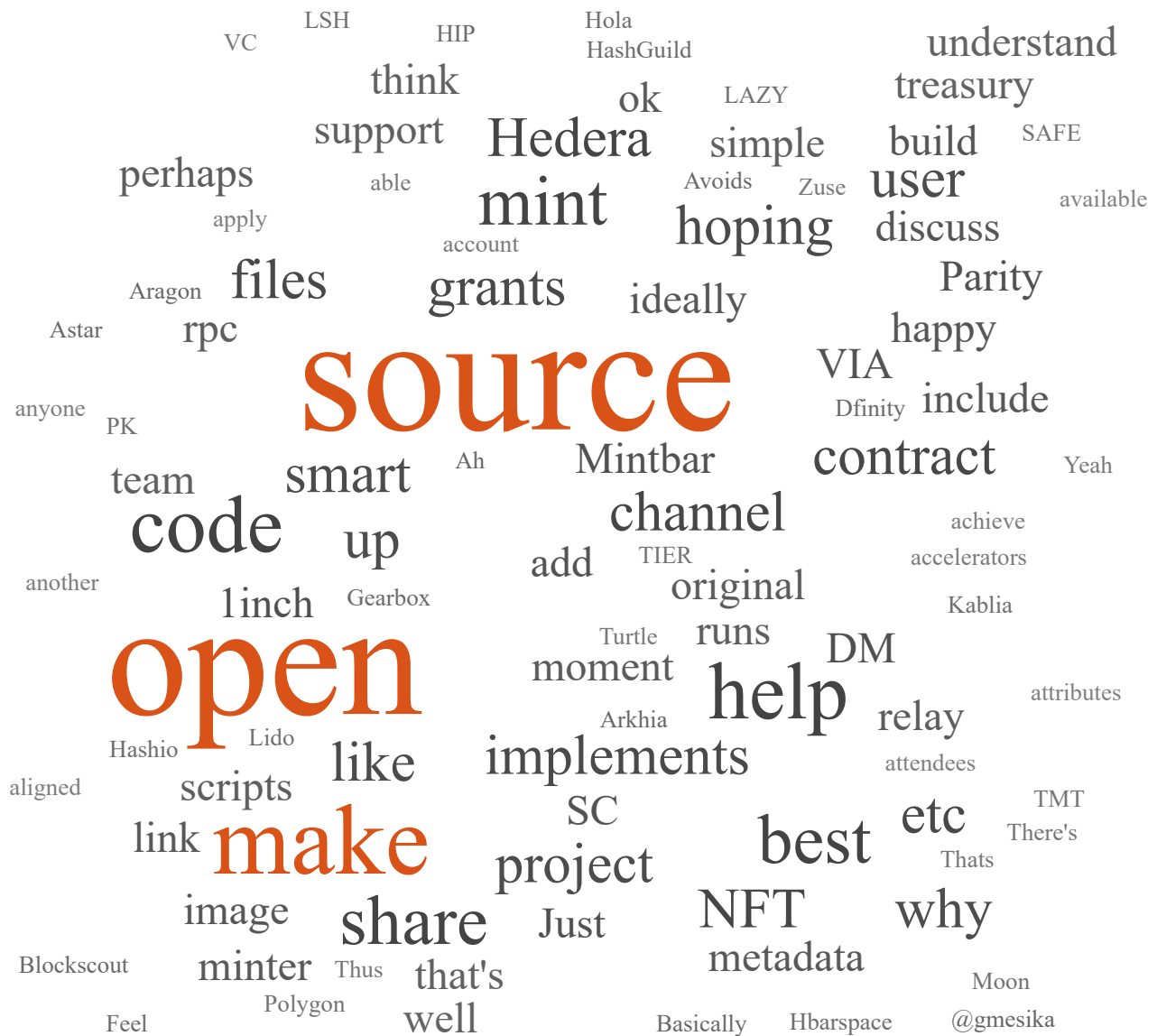
2. All ecosystem to be aware and implement single standards, create one if needed. HIPs should be read.

3. To make nodes more robust, nodes consolidation mentioned before as one solution, to enable more council members joining existing infrastructure in form of partnership of three with existing council members.

4. Network is still in beta, to leave beta impentation and stop playing with frequent monthly protocol updates, upgrades should be done rarely to allow stability.



## Comments in 2023



Ah ok I thought you referred to our open source accelerators. Yeah you can apply for grants from any of the organizations above.

Along with Parity and 1inch, we are hosting a cross-ecosystem event to exchange experiences in grants, treasury, and support. At the moment, with 1inch, Lido, Parity, SAFE, and Dfinity, we will discuss issues such as team selection, methods of monetary and

non-monetary support for projects, and the interplay between VC and treasury. Thus far, attendees include Polygon, Aragon, Astar, Blockscout, Just Open Source, VIA, Gearbox, and many others.

I'll be happy to have Hedera as well. What is the best channel to connect with the grant/bd team?

**3. By bguiz in the Developer General Channel on 07/04/2023**

yep, unfortunately the best you can do at the moment is to find the original source code (if it is open source), and then compile it yourself to check whether it matches

**4. By supremax67 in the Developer General Channel on 06/01/2023**

@gmesika I am not a lawyer. I wouldn't be able to tell you. I mean, they did make it open source.

**5. By justynjj in the Developer General Channel on 04/24/2023**

Has anyone built an open source NFT metadata parser that you know of? A simple library that would take any metadata.json file and do its best to spit back a standardised common set of attributes ideally conforming to HIP 412 (title, description, image, files etc) for displaying the NFT.

Ideally it would do its best to add mime types for files image, png, glb, mp3 etc

Basically making it as simple as possible to render on a website.

There's a lot of marketplaces / wallets that must have a solution to this internally. Just wondering if I could help build on the shoulders of giants rather than build yet another implementation.

**6. By boggiman in the Developer General Channel on 04/02/2023**

It will be open sourced.

**7. By chandraprakash\_ in the Developer General Channel on 04/02/2023**

if you make open source then, do share the link I would like to contribute to your idea

**8. By deejay0076 in the Token Service Channel on 03/31/2023**

ok. well i have an open sourced minter project, i don't think i can share links anywhere but DM me and i can share

**9. By deejay0076 in the Token Service Channel on 03/31/2023**

(If so not sure I understand the why and the above is likely problematic so it would be good to understand what you are hoping to achieve so I/we can give some guidance -- I have an open source minter project if that's helpful for instance)

**10. By teacoat in the Developer General Channel on 03/21/2023**

who can make changes to <https://status.hedera.com/> ? is it open source?

**11. By deejay0076 in the Token Service Channel on 03/14/2023**

\$LAZY & \$TIER use this pattern. Code is open source. Happy to talk through design decisions. Avoids the need to trust the PK of the escrow account was really destroyed etc.

**12. By Michael Garber#5033 in the Javascript Channel on 03/01/2023**

Arkhia implements swirls labs open-sourced version of the rpc relay on more dedicated hardware <https://github.com/hashgraph/hedera-json-rpc-relay>

Hashio also implements the rpc relay but its a community shared resource. Thats why I'd say it is more reliable in that sense

**13. By rocketmay in the Developer General Channel on 02/04/2023**

The downside of open sourced software

**14. By asheoro in the Smart Contracts Channel on 01/25/2023**

Hedera ecosystem still doesn't have the fully featured NFT portfolio manager that I've been hoping to see. Mintbar was my way to help bootstrap this a bit and making it open source i'm hoping someone else may pick it up and add some of the functionality that I included in the blog post that could be used to enhance it. Also, Mintbar doesn't use any smart contracts so perhaps we should move this discussion over to #-nft-alpha-club?

**15. By deejay0076 in the Token Service Channel on 01/16/2023**

when user signs to interact with the SC they empower the SC to do whatever it wants (hence why I make code open source so users can see it).

**16. By deejay0076 in the Smart Contracts Channel on 01/02/2023**

if you wish to mint and use a separate launchpad (like hedera sentient, Zuse, Turtle Moon or HashGuild) there are (paid - or gated) services out there that i think help (Kablia, Hbarspace) to help you mass mint. or you could look into TMT minting tools which was one of the originals and is open source/runs on your computer or if you don't mind rolling up your sleeves and running scripts then I have a suite of minting scripts that I make available via 'coding corner' to LSH holders in the discord - perhaps less user friendly but full power in your hands. Feel free to hit me up on DMs to save me from polluting the channel further.

**17. By deejay0076 in the Smart Contracts Channel on 01/02/2023**

<https://minter.lazysuperheroes.com/> that's cheaper, smart contract based and more decentralized...plus the code is open source. [trying to at least keep this smart contract aligned given the channel]





