

Chainlink VRF

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Subscription

Actions

Status	ID	Admin	Consumers	Fulfillments	Balance
Active	10950	0xfb1a...264c	1	0	0 LINK

Consumers

Add consumer

Address	Added	Last fulfillment	Total spent	LINK	Actions
0xfb1a...264c	April 11, 2024 at 18:19 UTC	-	-	-	

History

Events

remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.25+commit.b61c2a91.js

DEPLOY & RUN TRANSACTIONS

ENVIRONMENT: Injected Provider - MetaMask

ACCOUNT: 0xfb1...2264C (0.12090778)

GAS LIMIT: 3000000

VALUE: 0 Wei

CONTRACT: VRFv2Consumer - contracts/HelloW*

evm version: Cancun

DEPLOY

SUBSCRIPTION ID: "10950"

Calldata Parameters transact

Publish to IPFS

At Address Load contract from Address

Transactions recorded 1

Pinned Contracts (chain id: 11155111)

```
1 // SPDX-License-Identifier: MIT
2 // An example of a consumer that relies on a subscription for funding.
3 pragma solidity ^0.8.7;
4
5 import "@chainlink/contracts/src/v0.8/interfaces/VRFCoordinatorV2Interface.sol";
6 import "@chainlink/contracts/src/v0.8/vrf/VRFConsumerBaseV2.sol";
7 import "@chainlink/contracts/src/v0.8/shared/access/ConfirmedOwner.sol";
8
9 /**
10  * Request testnet LINK and ETH here: https://faucets.chain.link/
11  * Find information on LINK Token Contracts and get the latest ETH and LINK faucets here: https://docs.chain.link/docs
12  */
13
14 /**
15  * THIS IS AN EXAMPLE CONTRACT THAT USES HARDCODED VALUES FOR CLARITY.
16  * THIS IS AN EXAMPLE CONTRACT THAT USES UN-AUDITED CODE.
17  * DO NOT USE THIS CODE IN PRODUCTION.
18  */
19
20 contract VRFv2Consumer is VRFConsumerBaseV2, ConfirmedOwner {
21     event RequestSent(uint256 requestId, uint32 numWords);
22     event RequestFulfilled(uint256 requestId, uint256[] randomWords);
23
24     struct RequestStatus {
25         bool fulfilled; // whether the request has been successfully fulfilled
26         bool exists; // whether a requestId exists
27         uint256[] randomWords;
28     }
29     mapping(uint256 => RequestStatus)
30     public RequestStatus[] requestStatus;
31
32     constructor() {
33         _msgSender();
34     }
35
36     function request(uint32 numWords) public {
37         require(msg.sender == _msgSender());
38         RequestStatus memory requestStatus;
39         requestStatus.fulfilled = false;
40         requestStatus.exists = true;
41         requestStatus.randomWords = new uint256[](0);
42         emit RequestSent(uint256(uint160(msg.sender)), numWords);
43         VRFCoordinatorV2Interface(vrfCoordinator).fulfillRandomWords(msg.sender, numWords);
44     }
45
46     function fulfillRandomWords(uint256 requestId, uint256[] randomWords) private {
47         RequestStatus memory requestStatus = requestStatus[requestId];
48         requestStatus.fulfilled = true;
49         requestStatus.randomWords = randomWords;
50         emit RequestFulfilled(requestId, randomWords);
51     }
52 }
```

[block:5676609 txIndex:26] from: 0xfb1...2264c to: VRFv2Consumer.(constructor) value: 0 wei data: 0x60a...02ac6 logs: 0

Debug

Chainlink VRF

Introducing Transporter, a new bridging app powered by CCIP. [Go cross-chain.](#)

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Subscription

Actions

Status	ID	Admin	Consumers	Fulfillments	Balance
Active	10950	0xfb1a...264c	2	0	12 LINK

Consumers

Add consumer

Address	Added	Last fulfillment	Total spent	LINK	Actions
0x788c...8a92	April 11, 2024 at 18:29 UTC	-	-	-	
0xfb1a...264c	April 11, 2024 at 18:19 UTC	-	-	-	

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DEPLOY & RUN TRANSACTIONS

At Address Load contract from Address

Transactions recorded

Pinned Contracts (chain id: 11155111)

No pinned contracts found for selected workspace & network

Deployed/Unpinned Contracts

VRFV2CONSUMER AT 0x788

Balance: 0 ETH

acceptOwn...

rawFulfillRa... uint256 requestId, uint256

requestRan... requestRandomWords - transaction (not payable)

transferOwn... address to

getRequestS... uint256_requestId

lastRequestId

owner

requestIds uint256

```
119 }

hash: 0x77e...cccc11
transaction to VRFV2Consumer.requestRandomWords pending ...
view on etherscan
[block:5676629 txIndex:15] from: 0xfb1...2264c to: VRFV2Consumer.requestRandomWords() 0x788...28a92 value: 0 wei
data: 0xe0c...86289 Logs: 1 hash: 0xf9c...e98f8
```

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remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.25+commit.b61c2a91.js

DEPLOY & RUN TRANSACTIONS

No pinned contracts found for selected workspace & network

Deployed/Unpinned Contracts

VRfV2CONSUMER AT 0x788

Balance: 0 ETH

acceptOwn...
rawFulfillRa...
requestRan...
transferOwn...
getRequestS...
lastRequestId

0: uint256: 277951612227094270755747
715743692687752159584139227686
24226343373968293901471

owner
requestids
s_requests

Low level interactions

119

[block:5676629 txIndex:15] from: 0xfB1...2264c to: VRfV2Consumer.requestRandomWords() 0x788...28a92 value: 0 wei
data: 0xe0c...86289 logs: 1 hash: 0xf9e...e98f8
call to VRfV2Consumer.lastRequestId

call [call] from: 0xfB1A9Ac4D4826b1a37d383837f2b7C5B4E82264C to: VRfV2Consumer.lastRequestId() data: 0xfc2...a88c3

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remix.ethereum.org/#lang=en&optimize=false&runs=200&evmVersion=null&version=soljson-v0.8.25+commit.b61c2a91.js

DEPLOY & RUN TRANSACTIONS

No pinned contracts found for selected workspace & network

Deployed/Unpinned Contracts

VRfV2CONSUMER AT 0x788

Balance: 0 ETH

acceptOwn...
rawFulfillRa...
requestRan...
transferOwn...
getRequestS...
lastRequestId

0: bool: fulfilled true
1: uint256[]: randomWords 41349827564
705748399908210939892088420367
03918581609010801301020072615
047074.899591619574189744084828
367693957435263765823892419891
82726888422764184866305

lastRequestId
owner
requestids

Low level interactions

119

call [call] from: 0xfB1A9Ac4D4826b1a37d383837f2b7C5B4E82264C to: VRfV2Consumer.lastRequestId() data: 0xfc2...a88c3
call to VRfV2Consumer.getRequestStatus

call [call] from: 0xfB1A9Ac4D4826b1a37d383837f2b7C5B4E82264C to: VRfV2Consumer.getRequestStatus(uint256)
data: 0xd8a...c349f