Deployment Verification

of the Flare

Smart Contracts

17 March 2025

Produced for

USD₮0

by

CHAINSECURITY

Contents

1 Executive Summary

Dear all,

We are pleased to deliver this Deployment Verification report for Flare. All security-relevant parameters of deployed contracts mentioned in the section Assessment Overview have been carefully examined. Additionally, the evolution of these parameters starting from the block of the deployment of each contract until the following blocks has been reviewed:

- Flare: 38865111

- Ethereum Mainnet: 22067202

- Arbitrum: 316661155

- Ink: 8723485

- Berachain: 2464625

All contracts have been deployed with secure parameters in accordance with our security audits of the smart contracts. Furthermore, configurations of associated LayerZero contracts on all associated chains are consistent and allow for safe usage of the bridge. In particular, the confirmations of the OApp contracts in LayerZero's SendUln302 and ReceiveUln302 contracts have been set to a sufficiently high amount to guarantee that no tokens can be bridged from Arbitrum to Mainnet before the Mainnet OApp has received all outstanding tokens from the Arbitrum L1 Gateway. As soon as the bridged tokens have been received from the Arbitrum L1 gateway, it is assumed that the confirmations are reset to a sufficiently low value. Furthermore, sending and receiving sides of the bridge are consistently configured and the library contracts have been fixed.

Sincerely yours,

ChainSecurity

2   Assessment Overview

In this section, we briefly describe the overall structure and scope of the engagement, including the code commit which is referenced throughout this report.

2.1   Scope

The assessment was performed on the source code files inside the given repositories based on the documentation files. The table below indicates the code versions relevant to this report and when they were received.

usdt0-tether-contracts-hardhat

V	Date	Commit Hash	Note
1	20 February 2025	b0851cbb7940ec5e2e167ef9789e813aa7220b6d	Initial Version

usdt0-oft-contracts

V	Date	Commit Hash	Note
1	20 February 2025	bcbfac3c8a54e6f184103480bee18584def7a849	Initial version

For the solidity smart contracts, the compiler versions `0.8.4` and `^0.8.22` were chosen.

The following contracts were validated on Flare mainnet:

usdt0-oft-contracts

- OUpgradeable

usdt0-tether-contracts-hardhat

- TetherTokenOFTExtension

2.2   Verified Contracts

Name	Address
TransparentUpgradeableProxy (TetherTokenOFTExtension)	0xe7cd86e13ac4309349f30b3435a9d337750fc82d
TetherTokenOFTExtension	0x779ded0c9e1022225f8e0630b35a9b54be713736
TransparentUpgradeableProxy (OUpgradeable)	0x567287d2a9829215a37e3b88843d32f9221e7588
EndpointV2	0x1a44076050125825900e736c501f859c50fe728c
SendUln302	0xe1844c5d63a9543023008d332bd3d2e6f1fe1043
ReceiveUln302	0x2367325334447c5e1e0f1b3a6fb947b262f58312
SendUln302 (Mainnet)	0xbb2ea70c9e858123480642cf96acbcce1372dce1

ReceiveUln302 (Mainnet)	0xc02ab410f0734efa3f14628780e6e69515 6024c2
SendUln302 (Arbitrum)	0x975bcd720be66659e3eb3c0e4f1866a302 0e493a
ReceiveUln302 (Arbitrum)	0x7b9e184e07a6ee1ac23eae0fe8d6be2f66 3f05e6
SendUln302 (Ink)	0x76111de813f83aaadbd62773bf41247634 e2319a
ReceiveUln302 (Ink)	0x473132bb594caef281c68718f4541f73fe1 4dc89
SendUln302 (Berachain)	0xc39161c743d0307eb9bcc9fef03eeb9dc4 802de7
ReceiveUln302 (Berachain)	0xe1844c5d63a9543023008d332bd3d2e6f 1fe1043

2.3   Other known contracts

Name	Address
USDT0 owner	0x6ae078461f35c3cc216a71029f71ee7bc4d9a10b
USDT0 proxy admin	0xb8ce59fc3717ada4c02eadf9682a9e934f625ebb
OUpgradeable proxy admin	0xa882c21c9df00958a958cde96f2b2ae8fb4315b1

3 Limitations and use of report

Deployment assessments cannot uncover all existing mismatches; even an assessment in which no mismatches are found is not a guarantee of a correct setup. However, deployment assessments enable the discovery of unintended mismatches that were overlooked during development and areas where additional security measures are necessary. This is why we carry out a deployment validation aimed at determining all locations that mismatch the intended deployment. Within the customer-determined time frame, ChainSecurity has performed an assessment in order to discover as many inconsistencies as possible.

The focus of our assessment was limited to the deployed contracts defined in section Verified Contracts. We draw attention to the fact that due to inherent limitations in any software development process and software product, an inherent risk exists that even major failures or malfunctions can remain undetected. Further uncertainties exist in any software product or application used during the development, which itself cannot be free from any error or failures. These preconditions can have an impact on the system and/or functions and/or operation. We did not assess any underlying third-party infrastructure which adds further inherent risks as we rely on the correct execution of the included third-party technology stack itself. Report readers should also take into account that over the life cycle of any software, changes to the product itself or to the environment in which it is operated can have an impact leading to operational behaviors other than those initially determined in the business specification. Further, they should be aware that no security assessment was performed.

4 Deployment Validation

4.1 TransparentUpgradeableProxy (TetherTokenOFTExtension)

Deployed at: `0xe7cd86e13ac4309349f30b3435a9d337750fc82d`

4.1.1 Bytecode

Codehash: `0x4d9be648c5bf39973670d9f8b481d5d0b971e6a2db2deccc6b98cde21c5dd83e`

Bytecode Match except for Metadata hash

4.1.2 Immutables

4.1.3 Critical Storage Variables

- **_initialized**

    - Value: `0x01`

- **_initializing**

    - Value: `0x00`

- **_owner**

    - Value: USDT0 owner (0x6ae078461f35c3cc216a71029f71ee7bc4d9a10b)

- **tetherDecimals**

    - Value: `0x06`
    - ValueHint: `6`

- **oftContract**

    - Value: TransparentUpgradeableProxy (OUpgradeable) (0x567287d2a9829215a37e3b88843d32f9221e7588)

- **_newName**

    - Value: 0x0000000000000000000000000000000000000000000000000000000000000000

- **_newSymbol**

    - Value: 0x0000000000000000000000000000000000000000000000000000000000000000

- **StorageSlot._IMPLEMENTATION_SLOT.AddressSlot.value**

    - Value: TetherTokenOFTExtension (0x779ded0c9e1022225f8e0630b35a9b54be713736)

- **StorageSlot._ADMIN_SLOT.AddressSlot.value**

    - Value: USDT0 proxy admin (0xb8ce59fc3717ada4c02eadf9682a9e934f625ebb)

4.1.4 Critical Events

1. `AdminChanged(address,address)`
2. `Upgraded(address)`
3. `LogSetOFTContract(address)`
4. `LogUpdateNameAndSymbol(string,string)`
5. `OwnershipTransferred(address,address)`

4.2 TetherTokenOFTExtension

Deployed at: `0x779ded0c9e1022225f8e0630b35a9b54be713736`

4.2.1 Bytecode

Codehash: `0x252979e7fe7484f51cde9ceaf47a01ef3e3141e880f3b03fcd7b99ef0d669cbb`

Bytecode Match except for Metadata hash

4.2.2 Immutables

4.2.3 Critical Storage Variables

- **_initialized**

    - Value: `0x01`
    - ValueHint: `true`

- **_initializing**

    - Value: `0x00`

4.2.4 Critical Events

1. `LogSetOFTContract(address)`
2. `LogUpdateNameAndSymbol(string,string)`
3. `OwnershipTransferred(address,address)`

4.3 TransparentUpgradeableProxy (OUpgradeable)

Deployed at: `0x567287d2a9829215a37e3b88843d32f9221e7588`

4.3.1 Bytecode

Codehash: `0xe5e3693157141608a301682c8c228c0277eac7efc0b98b57f874ca49752b5fd8`

Bytecode Match except for Metadata hash

4.3.2 Immutables

4.3.3 Critical Storage Variables

- **StorageSlot._IMPLEMENTATION_SLOT.AddressSlot.value**

    - Value: `0x767f94783b3ca9ec74807932d3feb3c5010b9c89`

- **StorageSlot._ADMIN_SLOT.AddressSlot.value**

    - Value: OUpgradeable proxy admin (0xa882c21c9df00958a958cde96f2b2ae8fb4315b1)

- **peers[30101]**

    - Value:
      `0x0000000000000000000000006c96de32cea08842dcc4058c14d3aaad7fa41dee`

- **peers[30110]**

    - Value:
      `0x00000000000000000000000014e4a1b13bf7f943c8ff7c51fb60fa964a298d92`

- **peers[30339]**

    - Value:
      `0x0000000000000000000000001cb6de532588fca4a21b7209de7c456af8434a65`

- **peers[30362]**

    - Value:
      `0x0000000000000000000000003dc96399109df5ceb2c226664a086140bd0379cb`

- **OwnableUpgradeable.OwnableStorageLocation.OwnableStorage._owner**

    - Value: USDT0 owner (0x6ae078461f35c3cc216a71029f71ee7bc4d9a10b)

- **Initializable.INITIALIZABLE_STORAGE.InitializableStorage._initialized**

    - Value: `0x0000000000000001`
    - ValueHint: `1`

- **Initializable.INITIALIZABLE_STORAGE.InitializableStorage._initializing**

    - Value: `0x00`

4.3.4 Critical Events

1. `AdminChanged(address,address)`
2. `Upgraded(address)`
3. `EnforcedOptionSet((uint32,uint16,bytes)[])`
4. `Initialized(uint64)`
5. `MsgInspectorSet(address)`
6. `OwnershipTransferred(address,address)`
7. `PeerSet(uint32,bytes32)`
8. `PreCrimeSet(address)`

4.4 OUpgradeable

Deployed at: `0x767f94783b3ca9ec74807932d3feb3c5010b9c89`

4.4.1 Bytecode

Codehash: `0x6db8c6f075a7e4cca263f527a24f2319129b2be2c25e5d5aaadbb31afafe7bab`

Bytecode Match except for Metadata hash

4.4.2 Immutables

- **endpoint**

    - Value: LayerZero EndpointV2 ([0x1a44076050125825900e736c501f859c50fe728c](#))

- **decimalConversionRate**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000001`

- **token_**

    - Value:
      `0x0000000000000000000000000e7cd86e13ac4309349f30b3435a9d337750fc82d`

4.4.3 Critical Storage Variables

- **Initializable.INITIALIZABLE_STORAGE.InitializableStorage._initialized**

    - Value: `0xffffffffffffffff`

- **Initializable.INITIALIZABLE_STORAGE.InitializableStorage._initializing**

    - Value: `0x00`

4.4.4 Critical Events

1. `Initialized(uint64)`
2. `OwnershipTransferred(address,address)`

4.5 EndpointV2

Deployed at: `0x1a44076050125825900e736c501f859c50fe728c`

4.5.1 Bytecode

Codehash: `0x845dcca0a2473ca86ec38cb27c8ab71dca6723e2a098365391d6a329abd47ed5`

Bytecode Match except for Metadata hash

4.5.2 Immutables

- **blockedLibrary**

- Value:
    0x00000000000000000000000001ccbf0db9c192d969de57e25b3ff09a25bb1d862

- **eid**

    - Value:
        0x0000000000000000000000000000000000000000000000000000000000007657

4.5.3 Critical Storage Variables

- **sendLibrary[0x567287d2A9829215a37e3B88843d32f9221E7588][30101]**

    - Value: SendUln302 (0xe1844c5d63a9543023008d332bd3d2e6f1fe1043)

- **receiveLibrary[0x567287d2A9829215a37e3B88843d32f9221E7588][30101]**

    - Value: ReceiveUln302 (0x2367325334447c5e1e0f1b3a6fb947b262f58312)

- **sendLibrary[0x567287d2A9829215a37e3B88843d32f9221E7588][30110]**

    - Value: SendUln302 (0xe1844c5d63a9543023008d332bd3d2e6f1fe1043)

- **receiveLibrary[0x567287d2A9829215a37e3B88843d32f9221E7588][30110]**

    - Value: ReceiveUln302 (0x2367325334447c5e1e0f1b3a6fb947b262f58312)

- **sendLibrary[0x567287d2A9829215a37e3B88843d32f9221E7588][30339]**

    - Value: SendUln302 (0xe1844c5d63a9543023008d332bd3d2e6f1fe1043)

- **receiveLibrary[0x567287d2A9829215a37e3B88843d32f9221E7588][30339]**

    - Value: ReceiveUln302 (0x2367325334447c5e1e0f1b3a6fb947b262f58312)

- **sendLibrary[0x567287d2A9829215a37e3B88843d32f9221E7588][30362]**

    - Value: SendUln302 (0xe1844c5d63a9543023008d332bd3d2e6f1fe1043)

- **receiveLibrary[0x567287d2A9829215a37e3B88843d32f9221E7588][30362]**

    - Value: ReceiveUln302 (0x2367325334447c5e1e0f1b3a6fb947b262f58312)

- **delegates[0x567287d2A9829215a37e3B88843d32f9221E7588]**

    - Value: USDT0 owner (0x6ae078461f35c3cc216a71029f71ee7bc4d9a10b)

- **isRegisteredLibrary[0x2367325334447C5E1E0f1b3a6fB947b262F58312]**

    - Value: `0x01`

- **isRegisteredLibrary[0xe1844c5D63a9543023008D332Bd3d2e6f1FE1043]**

    - Value: `0x01`

4.5.4 Critical Events

4.6 SendUln302

Deployed at: `0xe1844c5d63a9543023008d332bd3d2e6f1fe1043`

4.6.1 Bytecode

Codehash: `0x6c08361e92f3adfc1eaf00f11c80f6cb099f89a55c67d66265182b396466e2c8`

Bytecode Match except for Metadata hash

4.6.2 Immutables

- **endpoint**

  - Value: EndpointV2 (`0x1a44076050125825900e736c501f859c50fe728c`)

- **treasuryGasLimit**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000030d40`

4.6.3 Critical Storage Variables

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].confirmations**

  - Value: `0x00000000000001f4`
  - ValueHint: `500`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].requiredDVNs[0]**

  - Value: `0x7cec38c06a2fec9fd525b1925544110204cbb5f6`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].requiredDVNs[1]**

  - Value: `0x9c061c9a4782294eef65ef28cb88233a987f4bdd`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **executorConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].maxMessageSize**

- Value: `0x2710`
- ValueHint: `10000`

- **executorConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].executor**

  - Value: `0xcce466a522984415bc91338c232d98869193d46e`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].confirmations**

  - Value: `0x00000000000001f4`
  - ValueHint: `500`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].requiredDVNs[0]**

  - Value: `0x7cec38c06a2fec9fd525b1925544110204cbb5f6`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].requiredDVNs[1]**

  - Value: `0x9c061c9a4782294eef65ef28cb88233a987f4bdd`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **executorConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].maxMessageSize**

  - Value: `0x2710`
  - ValueHint: `10000`

- **executorConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].executor**

  - Value: `0xcce466a522984415bc91338c232d98869193d46e`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].confirmations**

  - Value: `0x00000000000001f4`
  - ValueHint: `500`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].requiredDVNCount**

- Value: `0x02`
- ValueHint: `2`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].optionalDVNCount**

  - Value: `0x00`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].optionalDVNThreshold**

  - Value: `0x00`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].requiredDVNs.length**

  - Value: `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].requiredDVNs[0]**

  - Value: `0x7cec38c06a2fec9fd525b1925544110204cbb5f6`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].requiredDVNs[1]**

  - Value: `0x9c061c9a4782294eef65ef28cb88233a987f4bdd`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].optionalDVNs.length**

  - Value: `0x0000000000000000000000000000000000000000000000000000000000000000`

- **executorConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].maxMessageSize**

  - Value: `0x2710`
  - ValueHint: `10000`

- **executorConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].executor**

  - Value: `0xcce466a522984415bc91338c232d98869193d46e`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].confirmations**

  - Value: `0x00000000000001f4`
  - ValueHint: `500`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].optionalDVNCount**

  - Value: `0x00`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].optionalDVNThreshold**

  - Value: `0x00`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].requiredDVNs.length**

- Value:
  0x0000000000000000000000000000000000000000000000000000000000000002
- ValueHint: 2

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].requiredDVNs[0]**

  - Value: 0x7cec38c06a2fec9fd525b1925544110204cbb5f6

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].requiredDVNs[1]**

  - Value: 0x9c061c9a4782294eef65ef28cb88233a987f4bdd

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].optionalDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000000

- **executorConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].maxMessageSize**

  - Value: 0x2710
  - ValueHint: 10000

- **executorConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].executor**

  - Value: 0xcce466a522984415bc91338c232d98869193d46e

4.6.4 Critical Events

4.7 ReceiveUln302

Deployed at: 0x2367325334447c5e1e0f1b3a6fb947b262f58312

4.7.1 Bytecode

Codehash: 0xe5cca57a3c45c75ffb295fd4324da9def32e40ec76832f4b5eaddddfd686df70

Bytecode Match except for Metadata hash

4.7.2 Immutables

- **endpoint**

  - Value: EndpointV2 (0x1a44076050125825900e736c501f859c50fe728c)

- **localEid**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000007657

4.7.3 Critical Storage Variables

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].confirmations**

  - Value: 0x000000000000000f
  - ValueHint: 15

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].optionalDVNCount**

    - Value: `0x00`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].optionalDVNThreshold**

    - Value: `0x00`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].requiredDVNs.length**

    - Value: `0x0000000000000000000000000000000000000000000000000000000000000002`
    - ValueHint: `2`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].requiredDVNs[0]**

    - Value: `0x7cec38c06a2fec9fd525b1925544110204cbb5f6`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].requiredDVNs[1]**

    - Value: `0x9c061c9a4782294eef65ef28cb88233a987f4bdd`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30101].optionalDVNs.length**

    - Value: `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].confirmations**

    - Value: `0x000000000000003c`
    - ValueHint: `60`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].optionalDVNCount**

    - Value: `0x00`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].optionalDVNThreshold**

    - Value: `0x00`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].requiredDVNs.length**

    - Value: `0x0000000000000000000000000000000000000000000000000000000000000002`
    - ValueHint: `2`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].requiredDVNs[0]**

    - Value: `0x7cec38c06a2fec9fd525b1925544110204cbb5f6`

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].requiredDVNs[1]**

  - Value: 0x9c061c9a4782294eef65ef28cb88233a987f4bdd

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30110].optionalDVNs.length**

  - Value: 0x0000000000000000000000000000000000000000000000000000000000000000

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].confirmations**

  - Value: 0x000000000000001e
  - ValueHint: 30

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].optionalDVNCount**

  - Value: 0x00

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].optionalDVNThreshold**

  - Value: 0x00

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].requiredDVNs.length**

  - Value: 0x0000000000000000000000000000000000000000000000000000000000000002
  - ValueHint: 2

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].requiredDVNs[0]**

  - Value: 0x7cec38c06a2fec9fd525b1925544110204cbb5f6

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].requiredDVNs[1]**

  - Value: 0x9c061c9a4782294eef65ef28cb88233a987f4bdd

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30339].optionalDVNs.length**

  - Value: 0x0000000000000000000000000000000000000000000000000000000000000000

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].confirmations**

  - Value: 0x000000000000003c
  - ValueHint: 60

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **ulnConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].optionalDVNCount**

  - Value: 0x00

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].optionalDVNThreshold**

  - Value: `0x00`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].requiredDVNs[0]**

  - Value: `0x7cec38c06a2fec9fd525b1925544110204cbb5f6`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].requiredDVNs[1]**

  - Value: `0x9c061c9a4782294eef65ef28cb88233a987f4bdd`

- **uInConfigs[0x567287d2A9829215a37e3B88843d32f9221E7588] [30362].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

4.7.4 Critical Events

4.8 SendUln302 (Mainnet)

Deployed at: `0xbb2ea70c9e858123480642cf96acbcce1372dce1`

4.8.1 Bytecode

Codehash: `0xdd60d5461da3a779567301a7f52c4de2fd7d4c829b3e8de663bb2149be857275`

Bytecode Match except for Metadata hash

4.8.2 Immutables

- **endpoint**

  - Value: EndpointV2 ([0x1a44076050125825900e736c501f859c50fe728c](#))

- **treasuryGasLimit**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000030d40`

4.8.3 Critical Storage Variables

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].confirmations**

  - Value: `0x000000000000000f`
  - ValueHint: `15`

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].requiredDVNCount**

- Value: `0x02`
- ValueHint: `2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].requiredDVNs[0]**

  - Value: `0x3b0531eb02ab4ad72e7a531180beef9493a00dd2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].requiredDVNs[1]**

  - Value: `0x589dedbd617e0cbcb916a9223f4d1300c294236b`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].confirmations**

  - Value: `0x000000000000000f`
  - ValueHint: `15`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].requiredDVNs[0]**

  - Value: `0x3b0531eb02ab4ad72e7a531180beef9493a00dd2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].requiredDVNs[1]**

  - Value: `0x589dedbd617e0cbcb916a9223f4d1300c294236b`

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].optionalDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000000

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].confirmations**

  - Value: 0x000000000000000f
  - ValueHint: 15

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].optionalDVNCount**

  - Value: 0x00

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].optionalDVNThreshold**

  - Value: 0x00

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].requiredDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000002
  - ValueHint: 2

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].requiredDVNs[0]**

  - Value: 0x3b0531eb02ab4ad72e7a531180beef9493a00dd2

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].requiredDVNs[1]**

  - Value: 0x589dedbd617e0cbcb916a9223f4d1300c294236b

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].optionalDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000000

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].confirmations**

  - Value: 0x000000000000000f
  - ValueHint: 15

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].optionalDVNCount**

  - Value: 0x00

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].optionalDVNThreshold**

  - Value: 0x00

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].requiredDVNs.length**

- Value:
  0x0000000000000000000000000000000000000000000000000000000000000002
- ValueHint: 2

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].requiredDVNs[0]**

  - Value: 0x3b0531eb02ab4ad72e7a531180beef9493a00dd2

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].requiredDVNs[1]**

  - Value: 0x589dedbd617e0cbcb916a9223f4d1300c294236b

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].optionalDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000000

- **executorConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].maxMessageSize**

  - Value: 0x00002710
  - ValueHint: 1. * 10^4

- **executorConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].executor**

  - Value: 0x173272739bd7aa6e4e214714048a9fe699453059

- **executorConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].maxMessageSize**

  - Value: 0x00002710
  - ValueHint: 1. * 10^4

- **executorConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].executor**

  - Value: 0x173272739bd7aa6e4e214714048a9fe699453059

- **executorConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].maxMessageSize**

  - Value: 0x00002710
  - ValueHint: 1. * 10^4

- **executorConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].executor**

  - Value: 0x173272739bd7aa6e4e214714048a9fe699453059

- **executorConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].maxMessageSize**

  - Value: 0x00002710
  - ValueHint: 1. * 10^4

- **executorConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].executor**

  - Value: 0x173272739bd7aa6e4e214714048a9fe699453059

4.8.4 Critical Events

4.9 ReceiveUln302 (Mainnet)

Deployed at: `0xc02ab410f0734efa3f14628780e6e695156024c2`

4.9.1 Bytecode

Codehash: `0x013ab0590a1572bec93a59a784f56ba238c6a8da11a228704ba0d081d18a9d35`

Bytecode Match except for Metadata hash

4.9.2 Immutables

- **endpoint**

  - Value: EndpointV2 (0x1a44076050125825900e736c501f859c50fe728c)

- **localEid**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000007595`

4.9.3 Critical Storage Variables

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].confirmations**

  - Value: `0x000000000000003c`
  - ValueHint: `60`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].requiredDVNs[0]**

  - Value: `0x3b0531eb02ab4ad72e7a531180beef9493a00dd2`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].requiredDVNs[1]**

  - Value: `0x589dedbd617e0cbcb916a9223f4d1300c294236b`

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30110].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].confirmations**

  - Value: 0x000000000000001e
  - ValueHint: 30

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].optionalDVNCount**

  - Value: 0x00

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].optionalDVNThreshold**

  - Value: 0x00

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].requiredDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000002
  - ValueHint: 2

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].requiredDVNs[0]**

  - Value: 0x3b0531eb02ab4ad72e7a531180beef9493a00dd2

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].requiredDVNs[1]**

  - Value: 0x589dedbd617e0cbcb916a9223f4d1300c294236b

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30339].optionalDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000000

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].confirmations**

  - Value: 0x00000000000001f4
  - ValueHint: 500

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].optionalDVNCount**

  - Value: 0x00

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].optionalDVNThreshold**

  - Value: 0x00

- **uInConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].requiredDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000002
  - ValueHint: 2

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].requiredDVNs[0]**

    - Value: 0x3b0531eb02ab4ad72e7a531180beef9493a00dd2

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].requiredDVNs[1]**

    - Value: 0x589dedbd617e0cbcb916a9223f4d1300c294236b

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30295].optionalDVNs.length**

    - Value:
      0x0000000000000000000000000000000000000000000000000000000000000000

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].confirmations**

    - Value: 0x000000000000003c
    - ValueHint: 60

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].requiredDVNCount**

    - Value: 0x02
    - ValueHint: 2

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].optionalDVNCount**

    - Value: 0x00

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].optionalDVNThreshold**

    - Value: 0x00

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].requiredDVNs.length**

    - Value:
      0x0000000000000000000000000000000000000000000000000000000000000002
    - ValueHint: 2

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].requiredDVNs[0]**

    - Value: 0x3b0531eb02ab4ad72e7a531180beef9493a00dd2

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].requiredDVNs[1]**

    - Value: 0x589dedbd617e0cbcb916a9223f4d1300c294236b

- **ulnConfigs[0x6c96de32cea08842dcc4058c14d3aaad7fa41dee] [30362].optionalDVNs.length**

    - Value:
      0x0000000000000000000000000000000000000000000000000000000000000000

4.9.4 Critical Events

4.10 SendUln302 (Arbitrum)

Deployed at: 0x975bcd720be66659e3eb3c0e4f1866a3020e493a

4.10.1 Bytecode

Codehash: `0x0bae2c02bb29230c62d1a9b753568c33074f971b4d7806c4e8e27723c85ce23a`

Bytecode Match except for Metadata hash

4.10.2 Immutables

- **endpoint**

    - Value: EndpointV2 (0x1a44076050125825900e736c501f859c50fe728c)

- **treasuryGasLimit**

    - Value:
      `0x00000000000000000000000000000000000000000000000000000000002625a0`

4.10.3 Critical Storage Variables

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].confirmations**

    - Value: `0x000000000000003c`
    - ValueHint: `60`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].optionalDVNCount**

    - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].optionalDVNThreshold**

    - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].requiredDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000002`
    - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].requiredDVNs[0]**

    - Value: `0x2f55c492897526677c5b68fb199ea31e2c126416`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].requiredDVNs[1]**

    - Value: `0xa8b8575fa41c305953f519c7d288cd7741727c7b`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].optionalDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].confirmations**

    - Value: `0x000000000000003c`
    - ValueHint: `60`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].requiredDVNs[0]**

  - Value: `0x2f55c492897526677c5b68fb199ea31e2c126416`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].requiredDVNs[1]**

  - Value: `0xa8b8575fa41c305953f519c7d288cd7741727c7b`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].confirmations**

  - Value: `0x000000000000003c`
  - ValueHint: `60`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].requiredDVNs[0]**

  - Value: `0x2f55c492897526677c5b68fb199ea31e2c126416`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].requiredDVNs[1]**

- Value: `0xa8b8575fa41c305953f519c7d288cd7741727c7b`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].confirmations**

  - Value: `0x000000000000003c`
  - ValueHint: `60`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].requiredDVNs[0]**

  - Value: `0x2f55c492897526677c5b68fb199ea31e2c126416`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].requiredDVNs[1]**

  - Value: `0xa8b8575fa41c305953f519c7d288cd7741727c7b`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **executorConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].maxMessageSize**

  - Value: `0x00002710`
  - ValueHint: `1. * 10^4`

- **executorConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].executor**

  - Value: `0x31cae3b7fb82d847621859fb1585353c5720660d`

- **executorConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].maxMessageSize**

  - Value: `0x00002710`
  - ValueHint: `1. * 10^4`

- **executorConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].executor**

  - Value: `0x31cae3b7fb82d847621859fb1585353c5720660d`

- **executorConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].maxMessageSize**

    - Value: `0x00002710`
    - ValueHint: `1. * 10^4`

- **executorConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].executor**

    - Value: `0x31cae3b7fb82d847621859fb1585353c5720660d`

- **executorConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].maxMessageSize**

    - Value: `0x00002710`
    - ValueHint: `1. * 10^4`

- **executorConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].executor**

    - Value: `0x31cae3b7fb82d847621859fb1585353c5720660d`

4.10.4 Critical Events

4.11 ReceiveUln302 (Arbitrum)

Deployed at: `0x7b9e184e07a6ee1ac23eae0fe8d6be2f663f05e6`

4.11.1 Bytecode

Codehash: `0xba4fecf1d817d9956727e7109c4337f767a13fe7ab9dc258a7959fb63f4dce72`

Bytecode Match except for Metadata hash

4.11.2 Immutables

- **endpoint**

    - Value: EndpointV2 ([0x1a44076050125825900e736c501f859c50fe728c](0x1a44076050125825900e736c501f859c50fe728c))

- **localEid**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000759e`

4.11.3 Critical Storage Variables

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].confirmations**

    - Value: `0x000000000000000f`
    - ValueHint: `15`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].optionalDVNCount**

    - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].optionalDVNThreshold**

    - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].requiredDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000002`

    - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].requiredDVNs[0]**

    - Value: `0x2f55c492897526677c5b68fb199ea31e2c126416`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].requiredDVNs[1]**

    - Value: `0xa8b8575fa41c305953f519c7d288cd7741727c7b`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30101].optionalDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].confirmations**

    - Value: `0x00000000000001f4`

    - ValueHint: `500`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].requiredDVNCount**

    - Value: `0x02`

    - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].optionalDVNCount**

    - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].optionalDVNThreshold**

    - Value: `0x00`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].requiredDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000002`

    - ValueHint: `2`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].requiredDVNs[0]**

    - Value: `0x2f55c492897526677c5b68fb199ea31e2c126416`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].requiredDVNs[1]**

    - Value: `0xa8b8575fa41c305953f519c7d288cd7741727c7b`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30295].optionalDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].confirmations**

- Value: `0x000000000000001e`
- ValueHint: `30`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].optionalDVNCount**

  - Value: `0x00`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].optionalDVNThreshold**

  - Value: `0x00`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].requiredDVNs[0]**

  - Value: `0x2f55c492897526677c5b68fb199ea31e2c126416`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].requiredDVNs[1]**

  - Value: `0xa8b8575fa41c305953f519c7d288cd7741727c7b`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30339].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].confirmations**

  - Value: `0x000000000000003c`
  - ValueHint: `60`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].optionalDVNCount**

  - Value: `0x00`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].optionalDVNThreshold**

  - Value: `0x00`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **uInConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].requiredDVNs[0]**

- Value: `0x2f55c492897526677c5b68fb199ea31e2c126416`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].requiredDVNs[1]**

  - Value: `0xa8b8575fa41c305953f519c7d288cd7741727c7b`

- **ulnConfigs[0x14e4a1b13bf7f943c8ff7c51fb60fa964a298d92] [30362].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

4.11.4 Critical Events

4.12 SendUln302 (lnk)

Deployed at: `0x76111de813f83aaadbd62773bf41247634e2319a`

4.12.1 Bytecode

Codehash: `0x7a3b420cf593811178a36c6e46ead981da36d6d743426b0d075a49b1de1dba2d`

Bytecode Match except for Metadata hash

4.12.2 Immutables

- **endpoint**

  - Value:
    `0x0000000000000000000000000ca29f3a6f966cb2fc0de625f8f325c0c46dbe958`

- **treasuryGasLimit**

  - Value:
    `0x000000000000000000000000000000000000000000000000000000000000030d40`

4.12.3 Critical Storage Variables

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].confirmations**

  - Value: `0x000000000000001e`
  - ValueHint: `30`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].requiredDVNs.length**

- Value:
  0x0000000000000000000000000000000000000000000000000000000000000002
- ValueHint: 2

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].requiredDVNs[0]**

  - Value: 0x174f2ba26f8adeafa82663bcf908288d5dbca649

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].requiredDVNs[1]**

  - Value: 0xdf44a1594d3d516f7cdfb4dc275a79a5f6e3db1d

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].optionalDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000000

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].confirmations**

  - Value: 0x000000000000001e
  - ValueHint: 30

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].optionalDVNCount**

  - Value: 0x00

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].optionalDVNThreshold**

  - Value: 0x00

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].requiredDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000002
  - ValueHint: 2

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].requiredDVNs[0]**

  - Value: 0x174f2ba26f8adeafa82663bcf908288d5dbca649

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].requiredDVNs[1]**

  - Value: 0xdf44a1594d3d516f7cdfb4dc275a79a5f6e3db1d

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].optionalDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000000

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].confirmations**

  - Value: 0x000000000000001e
  - ValueHint: 30

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].requiredDVNCount**

- Value: `0x02`
- ValueHint: `2`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].requiredDVNs[0]**

  - Value: `0x174f2ba26f8adeafa82663bcf908288d5dbca649`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].requiredDVNs[1]**

  - Value: `0xdf44a1594d3d516f7cdfb4dc275a79a5f6e3db1d`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].confirmations**

  - Value: `0x000000000000001e`
  - ValueHint: `30`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].optionalDVNCount**

  - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].optionalDVNThreshold**

  - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`
  - ValueHint: `2`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].requiredDVNs[0]**

  - Value: `0x174f2ba26f8adeafa82663bcf908288d5dbca649`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].requiredDVNs[1]**

  - Value: `0xdf44a1594d3d516f7cdfb4dc275a79a5f6e3db1d`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].optionalDVNs.length**

- Value:
  `0x0000000000000000000000000000000000000000000000000000000000000000`

- **executorConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].maxMessageSize**

  - Value: `0x00002710`
  - ValueHint: `1. * 10^4`

- **executorConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].executor**

  - Value: `0xfebcf17b11376c724ab5a5229803c6e838b6eae5`

- **executorConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].maxMessageSize**

  - Value: `0x00002710`
  - ValueHint: `1. * 10^4`

- **executorConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].executor**

  - Value: `0xfebcf17b11376c724ab5a5229803c6e838b6eae5`

- **executorConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].maxMessageSize**

  - Value: `0x00002710`
  - ValueHint: `1. * 10^4`

- **executorConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].executor**

  - Value: `0xfebcf17b11376c724ab5a5229803c6e838b6eae5`

4.12.4 Critical Events

4.13 ReceiveUln302 (lnk)

Deployed at: `0x473132bb594caef281c68718f4541f73fe14dc89`

4.13.1 Bytecode

Codehash: `0x455c411cd27de0c36f88b5e12a2c3c909ab07c45499b44d24574439a807d3df7`

Bytecode Match except for Metadata hash

4.13.2 Immutables

- **endpoint**

  - Value:
    `0x00000000000000000000000000ca29f3a6f966cb2fc0de625f8f325c0c46dbe958`

- **localEid**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000007683`

4.13.3 Critical Storage Variables

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].confirmations**

    - Value: `0x000000000000000f`
    - ValueHint: `15`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].optionalDVNCount**

    - Value: `0x00`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].optionalDVNThreshold**

    - Value: `0x00`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].requiredDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000002`
    - ValueHint: `2`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].requiredDVNs[0]**

    - Value: `0x174f2ba26f8adeafa82663bcf908288d5dbca649`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].requiredDVNs[1]**

    - Value: `0xdf44a1594d3d516f7cdfb4dc275a79a5f6e3db1d`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30101].optionalDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000000`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].confirmations**

    - Value: `0x000000000000003c`
    - ValueHint: `60`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].optionalDVNCount**

    - Value: `0x00`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].optionalDVNThreshold**

    - Value: `0x00`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].requiredDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000002`

- **uInConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].requiredDVNs[0]**

- Value: `0x174f2ba26f8adeafa82663bcf908288d5dbca649`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].requiredDVNs[1]**

    - Value: `0xdf44a1594d3d516f7cdfb4dc275a79a5f6e3db1d`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30110].optionalDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].confirmations**

    - Value: `0x00000000000001f4`
    - ValueHint: `500`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].optionalDVNCount**

    - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].optionalDVNThreshold**

    - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].requiredDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000002`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].requiredDVNs[0]**

    - Value: `0x174f2ba26f8adeafa82663bcf908288d5dbca649`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].requiredDVNs[1]**

    - Value: `0xdf44a1594d3d516f7cdfb4dc275a79a5f6e3db1d`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30295].optionalDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].confirmations**

    - Value: `0x000000000000003c`
    - ValueHint: `60`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].optionalDVNCount**

    - Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].optionalDVNThreshold**

- Value: `0x00`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].requiredDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000002`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].requiredDVNs[0]**

  - Value: `0x174f2ba26f8adeafa82663bcf908288d5dbca649`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].requiredDVNs[1]**

  - Value: `0xdf44a1594d3d516f7cdfb4dc275a79a5f6e3db1d`

- **ulnConfigs[0x1cb6de532588fca4a21b7209de7c456af8434a65] [30362].optionalDVNs.length**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000000000`

4.13.4 Critical Events

4.14 SendUln302 (Berachain)

Deployed at: `0xc39161c743d0307eb9bcc9fef03eeb9dc4802de7`

4.14.1 Bytecode

Codehash: `0xcd2121f01434744b27de5bf44d17417ea7478f16068e183b4d3cc061505d832f`

Bytecode Match except for Metadata hash

4.14.2 Immutables

- **endpoint**

  - Value:
    `0x000000000000000000000000006f475642a6e85809b1c36fa62763669b1b48dd5b`

- **treasuryGasLimit**

  - Value:
    `0x0000000000000000000000000000000000000000000000000000000000030d40`

4.14.3 Critical Storage Variables

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].confirmations**

  - Value: `0x000000000000003c`
  - ValueHint: `60`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].requiredDVNCount**

  - Value: `0x02`
  - ValueHint: `2`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].optionalDVNCount**

- Value: `0x00`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].optionalDVNThreshold**

    - Value: `0x00`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].requiredDVNs.length**

    - Value: `0x0000000000000000000000000000000000000000000000000000000000000002`
    - ValueHint: `2`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].requiredDVNs[0]**

    - Value: `0x282b3386571f7f794450d5789911a9804fa346b4`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].requiredDVNs[1]**

    - Value: `0xd01ae6905d48315f7be10c7330aecf8360ef5b12`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].optionalDVNs.length**

    - Value: `0x0000000000000000000000000000000000000000000000000000000000000000`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].confirmations**

    - Value: `0x000000000000003c`
    - ValueHint: `60`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].optionalDVNCount**

    - Value: `0x00`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].optionalDVNThreshold**

    - Value: `0x00`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].requiredDVNs.length**

    - Value: `0x0000000000000000000000000000000000000000000000000000000000000002`
    - ValueHint: `2`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].requiredDVNs[0]**

    - Value: `0x282b3386571f7f794450d5789911a9804fa346b4`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].requiredDVNs[1]**

    - Value: `0xd01ae6905d48315f7be10c7330aecf8360ef5b12`

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].optionalDVNs.length**
    - Value: `0x0000000000000000000000000000000000000000000000000000000000000000`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].confirmations**

    - Value: 0x000000000000003c
    - ValueHint: 60

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].requiredDVNCount**

    - Value: 0x02
    - ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].optionalDVNCount**

    - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].optionalDVNThreshold**

    - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].requiredDVNs.length**

    - Value: 0x0000000000000000000000000000000000000000000000000000000000000002
    - ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].requiredDVNs[0]**

    - Value: 0x282b3386571f7f794450d5789911a9804fa346b4

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].requiredDVNs[1]**

    - Value: 0xd01ae6905d48315f7be10c7330aecf8360ef5b12

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].optionalDVNs.length**

    - Value: 0x0000000000000000000000000000000000000000000000000000000000000000

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].confirmations**

    - Value: 0x000000000000003c
    - ValueHint: 60

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].requiredDVNCount**

    - Value: 0x02
    - ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].optionalDVNCount**

    - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].optionalDVNThreshold**

    - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].requiredDVNs.length**

    - Value: 0x0000000000000000000000000000000000000000000000000000000000000002

- ValueHint: 2

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].requiredDVNs[0]**

    - Value: 0x282b3386571f7f794450d5789911a9804fa346b4

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].requiredDVNs[1]**

    - Value: 0xd01ae6905d48315f7be10c7330aecf8360ef5b12

- **uInConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].optionalDVNs.length**

    - Value:
      0x0000000000000000000000000000000000000000000000000000000000000000

- **executorConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].maxMessageSize**

    - Value: 0x00002710
    - ValueHint: 1. * 10^4

- **executorConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].executor**

    - Value: 0x4208d6e27538189bb48e603d6123a94b8abe0a0b

- **executorConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].maxMessageSize**

    - Value: 0x00002710
    - ValueHint: 1. * 10^4

- **executorConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].executor**

    - Value: 0x4208d6e27538189bb48e603d6123a94b8abe0a0b

- **executorConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].maxMessageSize**

    - Value: 0x00002710
    - ValueHint: 1. * 10^4

- **executorConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].executor**

    - Value: 0x4208d6e27538189bb48e603d6123a94b8abe0a0b

- **executorConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].maxMessageSize**

    - Value: 0x00002710
    - ValueHint: 1. * 10^4

- **executorConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].executor**

    - Value: 0x4208d6e27538189bb48e603d6123a94b8abe0a0b

4.14.4 Critical Events

4.15 ReceiveUln302 (Berachain)

Deployed at: `0xe1844c5d63a9543023008d332bd3d2e6f1fe1043`

4.15.1 Bytecode

Codehash: `0xe048e022264f82f3f1ff58b74a8dadb3b35dba1fa96ca4a6f520071013039a82`

Bytecode Match except for Metadata hash

4.15.2 Immutables

- **endpoint**

    - Value:
      `0x00000000000000000000000006f475642a6e85809b1c36fa62763669b1b48dd5b`

- **localEid**

    - Value:
      `0x000000000000000000000000000000000000000000000000000000000000769a`

4.15.3 Critical Storage Variables

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].confirmations**

    - Value: `0x000000000000000f`
    - ValueHint: `15`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].requiredDVNCount**

    - Value: `0x02`
    - ValueHint: `2`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].optionalDVNCount**

    - Value: `0x00`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].optionalDVNThreshold**

    - Value: `0x00`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].requiredDVNs.length**

    - Value:
      `0x0000000000000000000000000000000000000000000000000000000000000002`
    - ValueHint: `2`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].requiredDVNs[0]**

    - Value: `0x282b3386571f7f794450d5789911a9804fa346b4`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].requiredDVNs[1]**

    - Value: `0xd01ae6905d48315f7be10c7330aecf8360ef5b12`

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30101].optionalDVNs.length**

- Value:
  0x0000000000000000000000000000000000000000000000000000000000000000
- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].confirmations**

  - Value: 0x000000000000003c
  - ValueHint: 60

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].optionalDVNCount**

  - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].optionalDVNThreshold**

  - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].requiredDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000002
  - ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].requiredDVNs[0]**

  - Value: 0x282b3386571f7f794450d5789911a9804fa346b4

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].requiredDVNs[1]**

  - Value: 0xd01ae6905d48315f7be10c7330aecf8360ef5b12

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30110].optionalDVNs.length**

  - Value:
    0x0000000000000000000000000000000000000000000000000000000000000000

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].confirmations**

  - Value: 0x00000000000001f4
  - ValueHint: 500

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].requiredDVNCount**

  - Value: 0x02
  - ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].optionalDVNCount**

  - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].optionalDVNThreshold**

  - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].requiredDVNs.length**

- Value:
  0x0000000000000000000000000000000000000000000000000000000000000002
- ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].requiredDVNs[0]**

    - Value: 0x282b3386571f7f794450d5789911a9804fa346b4

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].requiredDVNs[1]**

    - Value: 0xd01ae6905d48315f7be10c7330aecf8360ef5b12

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30295].optionalDVNs.length**

    - Value:
      0x0000000000000000000000000000000000000000000000000000000000000000

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].confirmations**

    - Value: 0x000000000000001e
    - ValueHint: 30

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].requiredDVNCount**

    - Value: 0x02
    - ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].optionalDVNCount**

    - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].optionalDVNThreshold**

    - Value: 0x00

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].requiredDVNs.length**

    - Value:
      0x0000000000000000000000000000000000000000000000000000000000000002
    - ValueHint: 2

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].requiredDVNs[0]**

    - Value: 0x282b3386571f7f794450d5789911a9804fa346b4

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].requiredDVNs[1]**

    - Value: 0xd01ae6905d48315f7be10c7330aecf8360ef5b12

- **ulnConfigs[0x3Dc96399109df5ceb2C226664A086140bD0379cB] [30339].optionalDVNs.length**

    - Value:
      0x0000000000000000000000000000000000000000000000000000000000000000

4.15.4 Critical Events