# **Investigate Ethereum Address Activity**

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Created by Creation Date Last Updated
Shad Shaho Jul 26, 2025 Jul 27, 2025

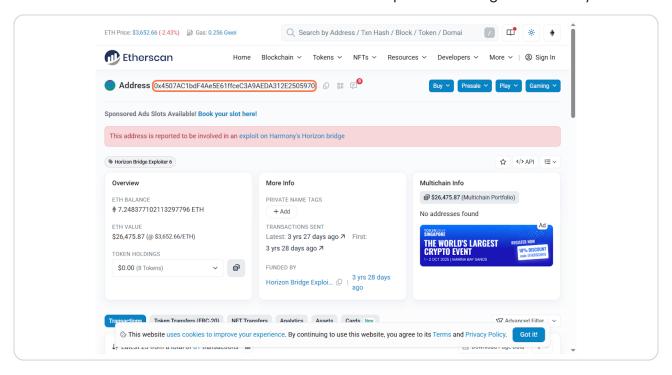


## **100** Ethereum (ETH) Blockchain Explorer

#### STEP 1

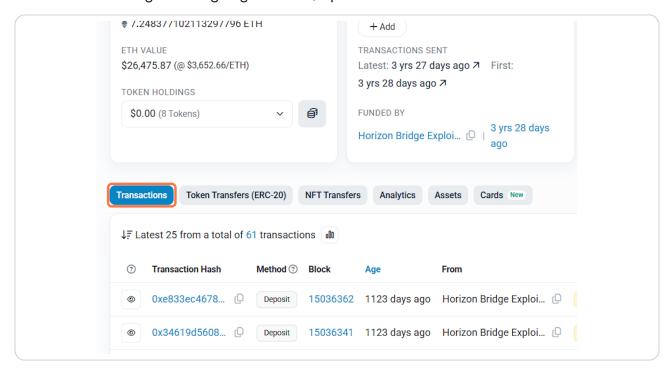
## **Open the wallet on Etherscan**

This is the wallet that received funds from Lazarus Group. We'll investigate its activity on-chain



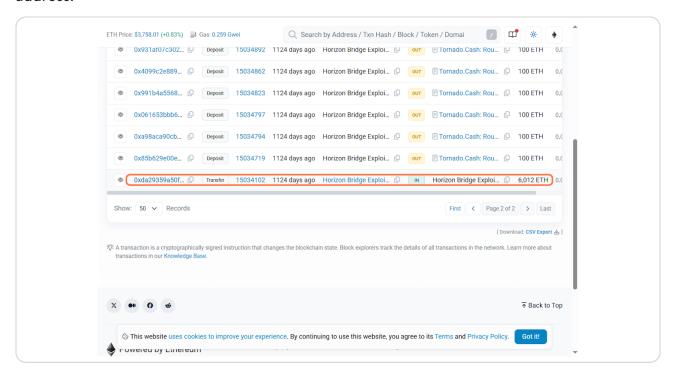
## Open the wallet's transaction history

To view all incoming and outgoing transfers, open the Transactions tab



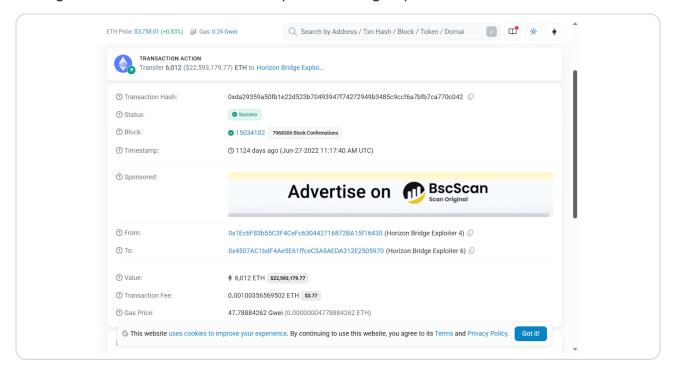
## Open Lazarus Group 6,010 ETH transaction

Click the Txn Hash to view the full details of the 6,010 ETH transfer from a Lazarus-labeled address.



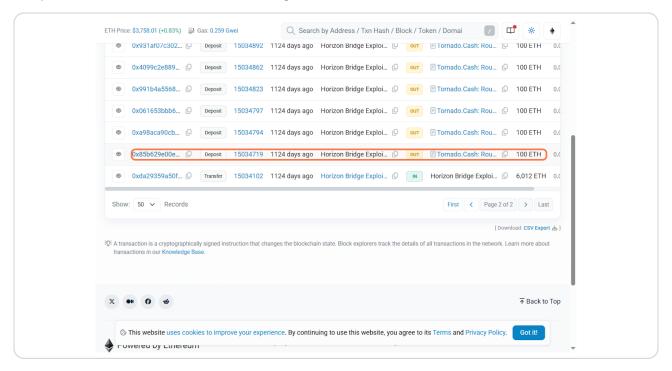
## Verify Lazarus Group as sender

The sender address is publicly labeled "Lazarus Group - North Korea" on Etherscan, confirming the source is tied to a known cybercriminal group.



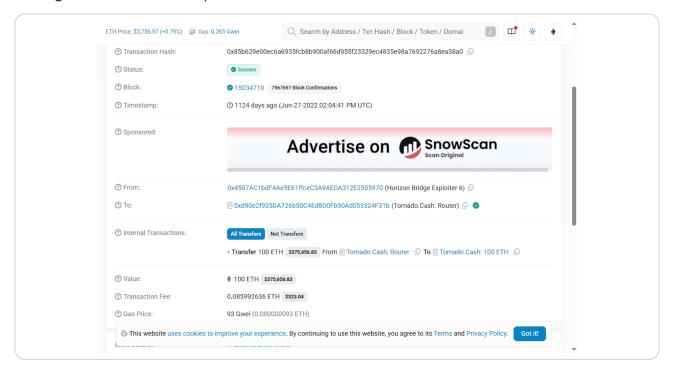
## **Review full transaction details**

This transaction shows that Lazarus Group sent 6,010 ETH to this wallet. The amount, timestamp, and sender label confirm the origin of the funds.



## Find first Tornado Cash transaction (100 ETH)

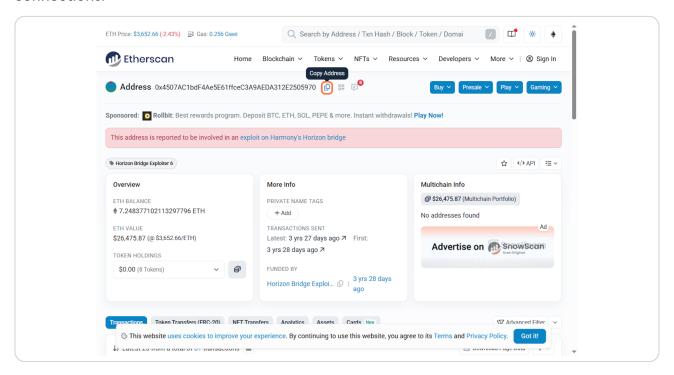
"After receiving funds, this wallet fragmented the ETH into smaller amounts. We'll start by tracing the first 100 ETH deposit to Tornado Cash Router.



## Copy wallet address to investigate visually

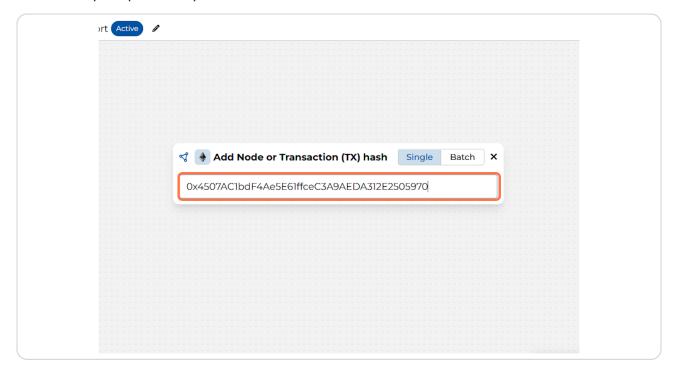
We will now trace this wallet visually in Breadcrumbs to better understand the movement of funds.

Breadcrumbs is a blockchain graph analysis tool. Paste the wallet address and visualize its connections.



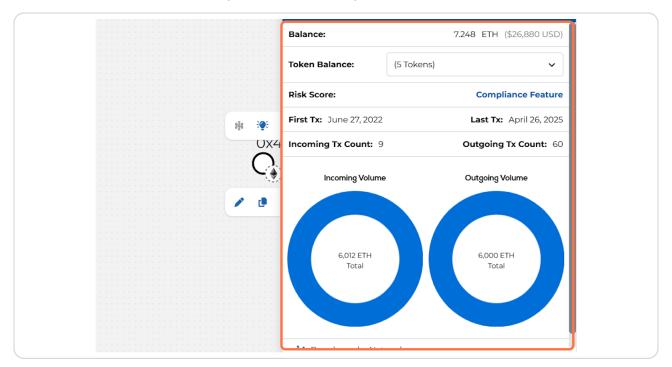
## Locate wallet node in Breadcrumbs graph

"This is the Lazarus-linked wallet we're investigating. Breadcrumbs visualizes it as a central node, ready for path analysis."



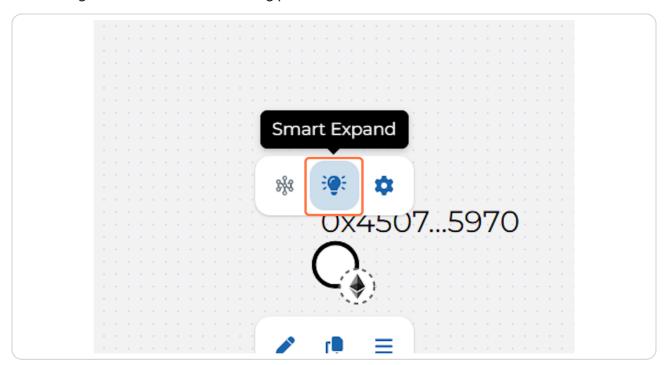
### View wallet ETH balance after Tornado transfer

After sending 100 ETH to Tornado Cash, this wallet's balance decreased accordingly. This helps confirm the funds were actually moved and not spoofed



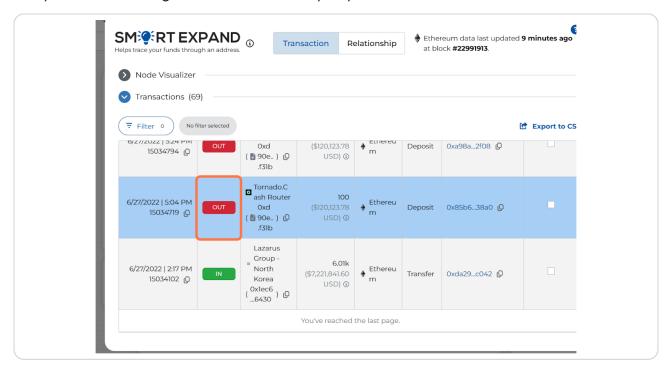
## **Expand outgoing flow to Tornado Cash**

Expand the wallet's outgoing edges. We see a 100 ETH transfer to Tornado Cash Router — confirming the start of the laundering path.



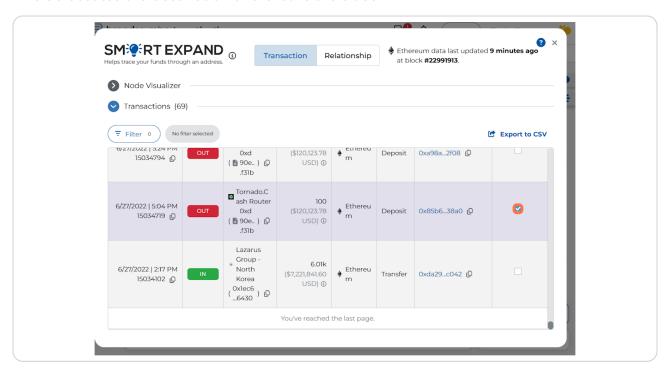
## Add Tornado Cash node to the graph

We click on the Tornado Cash node to display its connections. This mixer receives funds from many sources and fragments them for anonymity.



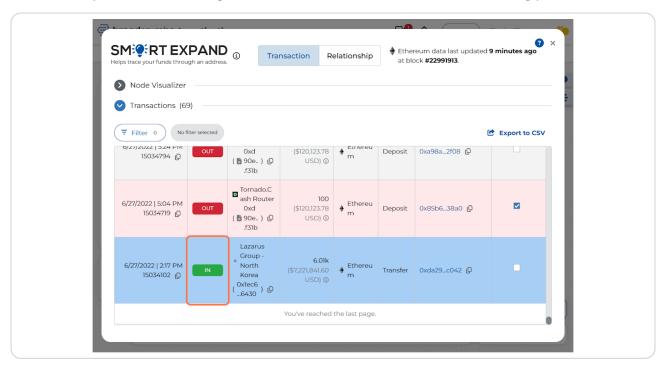
## View outgoing fragmentation from Tornado Cash

Once funds enter Tornado Cash, they are fragmented into smaller transfers to many wallets. This obfuscates the destination and breaks the trace.



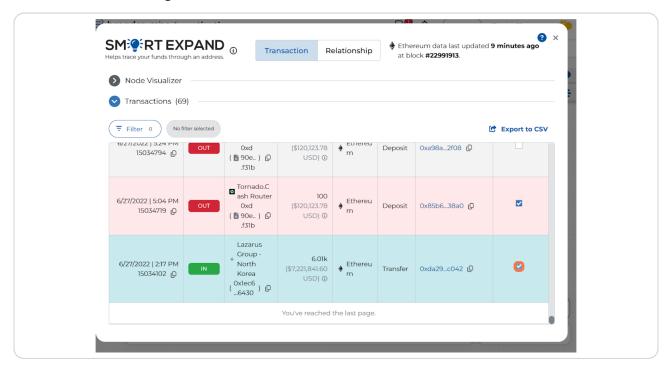
#### **Check Tornado Cash inflows**

We look at the IN tab on Tornado Cash to confirm this wallet was a real depositor. This step shows multiple wallets sending in similar amounts — common in laundering patterns



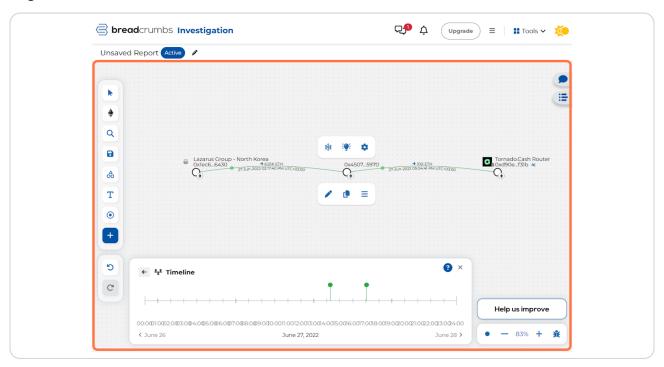
## Verify anonymity of outputs

The OUT tab shows hundreds of small ETH transfers to unrelated wallets. These outputs are anonymized and impossible to follow without advanced forensic access — proving the effectiveness of mixing



## **Analysis Summary: Lazarus to Tornado**

This investigation shows that a Lazarus Group-linked wallet received 6,010 ETH and fragmented it via Tornado Cash. This pattern is commonly used in laundering and obfuscating large-scale illicit funds.



#### **STEP 16**

## Investigation completed by Shad Shaho

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· Telegram: @shad1134

• Project: On-chain trace of Lazarus Group funds into Tornado Cash

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