0x51b2703a6182b452276597626b859b4c6ce0e77d 0x59a532f8b1caba4369fd7a6389c26ff5bb585473 0x9b75f2e6bd227d1dc1d5e7d872e0a7bf44f3c902 0xaa0905af0276de5ded9d425a8d4013b861c661a1 0x4ad7fe5bf17d62ee3de0d4dd9496a7cd53c98225 0xc2485b5c2885d2b53de014098e31c9a067101dd2 0x8e5c217d766b7a7c3ccb0d301790300bb2022ef2 0xf1b972fd849139d13a9bb2229198b516f2e34e0c 0xa56baee1745190903ad42ec0c6af977f107656da 0x751aaffad2c668795f493273579c3ff9f0472bf9 0x1c47e44b3451ceeac4536c89c81b04707236078c 0xe194bc1b4ae0f5aa8e6602f7e825a85128a2e562 0x503a56c822c08f080581d55f8e653aa84279c559 0x73f539cb7751eb23f8360ffc0c2bb39ecb38b280 0x24e793ce83e60a87bfb1aae857d188b8d258003b 0x8ddfa84d630c9f09fca1722fcb0ebdd6d40db77b162206cf16d3f263f2301617

Address first transaction are Optimism: Gateway, Accepted amount are 0.3eth Each address contains Optimism and Arbitrum, We can easily find this pattern layer2 has always been the first choice of attackers

The subsequent operations are generally (note that not all are)

1.Optimism: Gateway2.Metamask: Swap Router

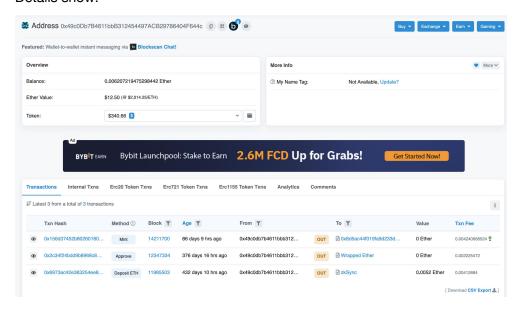
3.zkSync

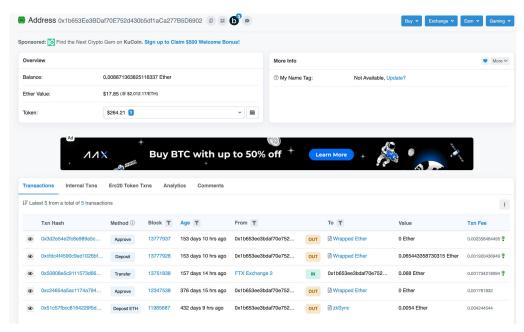
4.Arbitrum: Inbox

### Group-2

0x9983faedaabaa9f7cd09feb423be3bf0c8f09b22 0x04fcd824b7db0a1d6564a180d8308e8234dd029b 0x49c0db7b4611bbb312454497acb29786404f644c 0x105149e1cada6a8fb33fcd2e55d6bb41342a2dd3 0xc2b12bba42e2c1ffe3d5734a64b75b0bb5bb2350 0x9e92be9c68f12721b923fbc2b9919dc4b526f323 0xdc033d3aa02332e591038f2ff10f6befdc7536e3 0x1b653ee3bdaf70e752d430b5df1aca277b5d6902 0x73dd921465f26a7b0f7d11008db2e620bfa8a1b6 0x7f7b911979c1c5621512652b04572cb0682e6319 0x68921fd75383c5b0f46c3b89f4d6eb21250e0cd1 0x78be56403469406057094ecbc72b02326e95400f 0xc1e9e02dd4b41d359f5866298d5bbccc484da650 0x3b1aa055417616aa9cf9626cb78de1bb6105c0c1 0xe3a4b92e7c1d73fc36244e9d38618b4f536081b1
0x397a0f3cb133e3b4890f5bf45b11a8693569e2ce
0x2e3d4e8e9c3aa1576a5827558f21b256b2d140b1
0x5b31f6631600273b522e3c789dfc3f3caff9d0338c57d0c820bd66a9c96e3cfe

The first transactions are all for zksync, so it is obvious that this is a group of attackers And the number of account transactions are very small Details show:



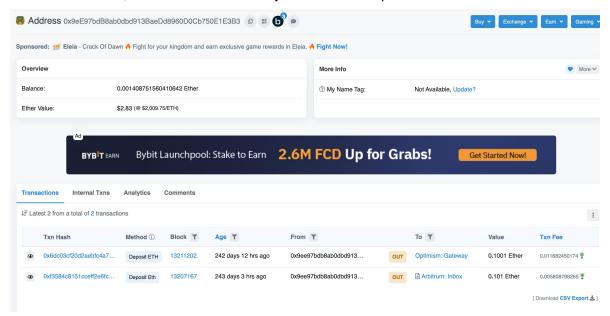


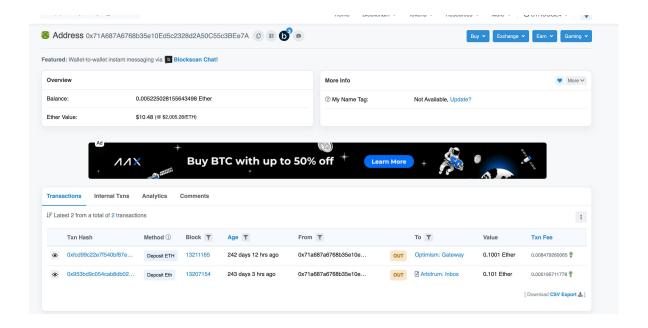
### Group-3

0x1031fa91c86deec315e61af000e08a6a2bb2d18c 0x2011c5de7f148c88ec6bd5835d678e6811a80af4 0x15878544ae4c540792901f83af11e68042e36734 0x6987188a8d64433fb91594ede382b6276f6609d1 0xe3d7aeed5240ca9b69f72419a584a5dffd4a6677 0x5f401198c2cb9714f2d93f8510d887af070f26b5 0xf827e078e11fc1b784cc9315755cdb2441366ed7 0x441e3d433dc111aee999ac5abf8daf8a7436b647 0x99b40c56504dc5487dfe82dbacf4502de693a31c 0xd9d3c8b58dd2384f64a4dcfcd5c89d45f600df97 0xb21eb6de9691d000694e4a3c263364fb01afb70a 0xf5fdd82651c126b81e3553b56af3942839b18a80 0x0182610ef8a1270da5fac0bde44ff8d1e31b7d7f 0x93369afbdd0bd636f26e902d3c8f3442aeb285f7 0xde7680c5426834fe2706dbaaf5f60ca83279c1cf 0x79f1f0ef7b74767a0521aca8612c39f8d445cc1c 0xcba253bfd4811b8ca85a32f7fc0352c613a6ec65 0xa6022799a262d3d88199027b671f25204559e836 0xfbe615bafb9f1cc33078731bf0968315d3e9010a 0xf1fc10616986907b61cd54d44e0b1139fa1700b5 0xf480f3539354313518b42fc3a6599d5352a39607 0x4799f03634ae01ad6e61fe3d789d668e95c0e91d 0xb524f15753691af3c574fe1a5c6f590c36cc7dab 0x2a5c617eda12b67c7e40b35cf9089708c554fb40 0xa64dfe90a51a9a686ebf378bd41c0c0757e8436c 0x13f9ad79b1cadfd95d0890acc3dea7622aea91ae 0x0df572fe664a0b16865d3f899b3fe8ee61c5f43d 0xc9e35863c791009fb3689f4d5f156f90af9dbd74 0xefd61cb25eb473f53e962cd71d41da76dd096c9a 0xfc4897e7db2818b8af7ede22c0c977f70f55294c 0x48ff549b55fb417872c25adcef3d2ddb84d695d3 0xa9954f3c472e8ae0cb113a52b52afef66756f064 0x15d0e1a0029860056b7edf8345e063f813b8e370 0x71a687a6768b35e10ed5c2328d2a50c55c3bee7a 0xbfb5a1a3b22c72840f89f344528373f1d8d5afdc 0xb88ae03dee84a675797e9d0f99f990346469cc9f 0xa1b8ad5805d443a81c5b94aade097fb05dce4bf1 0x90e8d8900a83d254e4ee3b6f3350b9d9dd60fae6 0x7bcb95682cd133aad7b05c8b7c75ed1716cf82bb 0x2f3deadd6730aa75a9bf6101220ead8b8ac11768 0x49600bb54f10b163f41e492cf2db5577ffb263f5 0xf16ee85c32ad6b36c405a6db1b47b7433418dcec 0x50971a79d637daadb90963317dd5958964410221 0xeb19d58266b7670ca77cf1bfedf521ef42bcf153 0x9f177bb1ec9f69177c463ec29ec827fc69d24866 0xadf6a7674662efff564884ff95a29071cace9155 0x2775426a708974982ef08ffdb135afd73db67d31

0x6376a57e753bf89ec8508c1b29558db700bc7389
0xe620d4e15ba7d739ec3bfa6e866fc1e36b1874f6
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0xb92dba802125bac8a477e6f311dbd5a2ebfcf814
0x6f8f2fb31470f86776fe285c876f95d1422c74d5
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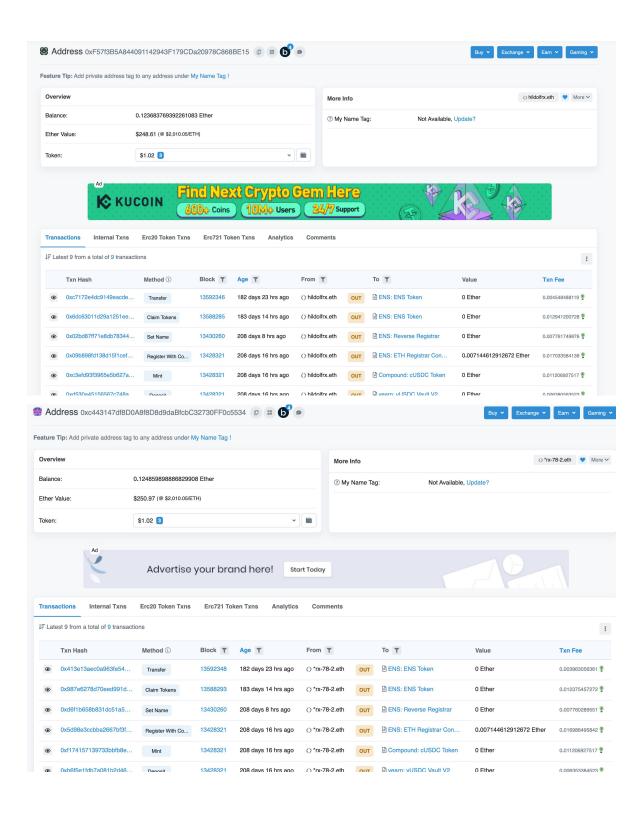
#### Obvious attackers, address interaction only Arbitrum and Optimism





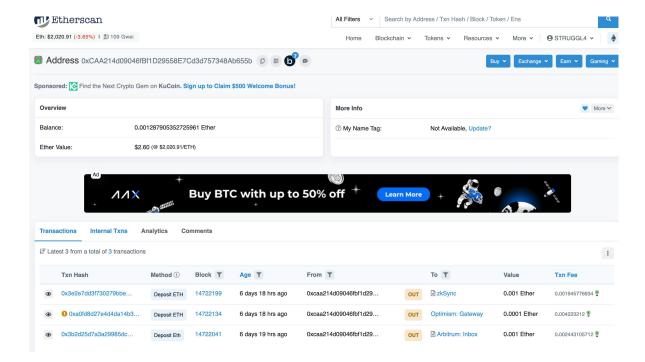
0x0ec9bfa48b74a35889ce986d202db0767c278947 0xaefa75a7b6c0216d0c72dfdbdd84ce68bbc25ab6 0xc004de560bec3ef031740b1959b45199cea96b4e 0xf57f3b5a844091142943f179cda20978c868be15 0xccaa9d9b33a0ac89b9ec77736df9b8c57c0f7cb3 0x105e61b4b432f82482cdf0f592b4e8bc05162ae9 0xc443147df8d0a8f8d8d9dabfcbc32730ff0c5534 0xd1177d0467ee359e02d2f0366304baf97fd8463e 0x6ed8628769245993e6d66983c66f2d30e0c6ea12 0x9488b1ab4369ff822f91f75052a20db6f0c9ca4f 0x8b14797e19f52ac57b12b9f018ceeb6fc842a82c 0x2b443ec3c7a8bf926cd5368eb68c141fb192c3da 0x1e858a1dcf2c5ee18d03e8e5d4246a0c650812c1 0xcb891602c5c60afb3c18ca84a98fcdeba368f4c6 0x4f62a58ee8b7fbecd485d74c15dac4b1c1c66d43 0x3dd74b385d4f410cf7ddcbf25e7b86aad5ba25b1 0x93287e9b9162549c7b8cc3c696b61e60403746e8 0xc901a3eee49898e20ae74c96500682e21ade4cee 0x6028f9d118bb98789cf212ffc002b34b77768418 0xcb7f9a876505798b5c75d6dd600de044538f4c88ea6b4277911bf3414dc271d9

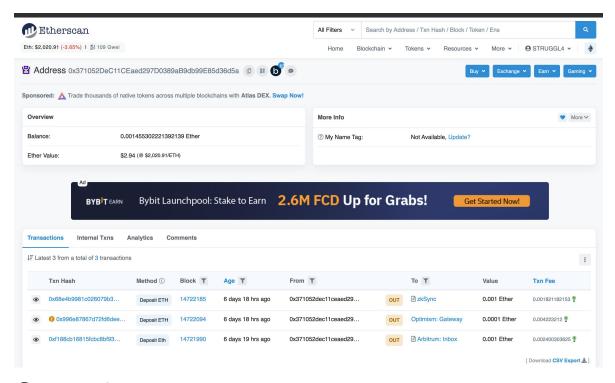
The transaction records are almost identical



0xb23013f6a5eb6495551b3b46e4e4590f0e61c252 0x371052dec11ceaed297d0389ab9db99e85d36d5a 0x53229ce2546172fc21ec930532ca9815675c3f9b 0x1909a6f5e2ab76b738c13a9ff571154c22dfc70b 0x6d30c75c1f3d8cfffe319134a198c39ec96d9350 0x611261a9b82b3b397aa4504a2f2f2ab05cf2f0da
0x2bd603e8dabd1f33e54ab24c8b4593a6513a7c2b
0xe9766b91b536d500082e055adf016f266fd2d56c
0x151da7620aa970a29ede96231e9dab39d4a76c0c
0xe1a59eac4ad91369a909088502662c1759b424ba
0xfdebccc9a687f3c0e7d2c77073dc8924e90fdfe2
0xcaa214d09046fbf1d29558e7cd3d757348ab655b
0x0736d49738f2eed8abf86cf51c532b0cb65bf077
0xa9eacbc5ee6054286bdeb7a8fb5ebe5f19da67297d9beba3ca359da8db23bdde

#### Another obvious attacker!





0xa5a1164ac9013a26bce393588268486959e996d9 0x216e1925df4a4a6f55f5963a9128298da1a86f5e 0xb0758834ca0e6864bf5211684dd1eee386443bb6 0x5fde0f8118d172c717cd235e340a8e1c1d45edfe 0x2f1750f703d5e17104eebc7072fb145fc88a9d20 0x3772774f6466c8cfb1845cca1a4586c984d9fbcd 0xbcdf8c5b369a2b94dfae69251a1349c3de3071e6 0x74c38f3eb7bb28ff3295c14a7035ad645741fe14 0x081308124e9837a77af818ea9c53ad710ad649cf 0x9bdefab54f484500e5f842e37202125aa4e92ad1 0x3abe3868a2a773f88effb7b15f5a0b5ddf3bd662 0x59ef71d8e8e4c5e0d2108f08089767d94bdbd3eb 0xf58ecb469683ce087eebb56aa8183bd417e30f60 0x0ac57793a23b4079bc1fb356fdc9716b9359fb59 0x94855ca59050d2efa1833a80784c583d70ab20fd 0x1a0381bcac439651317a3280cd9a6457bf905a58 0xcfe0770f9e52607d4bb5080329c8035143b3a318 0x074b0c4fa82ea41552bdf377db9c994033a92618 0x3323da6ae50a2f53c2b8bf85267fd695b7fb2730 0xec2c038110cabb4d921740af5de16f84e70b9bcf 0xdfb0228384dece1e4a0460b6135af7e5080b6a1a4c794ea9d667e1b365fa46ad

Another obvious attacker!

