Constants Reference

Chain Ids

The following table documents the[chain ids](#) used by wormhole.

Note the Wormhole chain ids are different than the more commonly referenced chain ids (e.g. https://eips.ethereum.org/EIPS/eip-155) Chain Name Wormhole Chain Id Mainnet Id Testnet Id solana 1 Mainnet Beta - 5eykt4UsFv8P8NJdTREpY1vzqKqZKvdpKuc147dw2N9d Devnet - EtWTRABZaYq6iMfeYKouRu166VU2xqa1wcaWoxPkrZBG ethereum 2 1 Goerli -5 terra 3 columbus-5 bombay-12 bsc 4 56 97 polygon 5 137 Mumbai -80001 avalanche 6 C-Chain -43114 Fuji -43113 oasis 7 42262 42261 algorand 8 mainnet-v1.0 testnet-v1.0 aurora 9 1313161554 1313161555 fantom 10 250 4002 karura 11 686 596 acala 12 787 597 klaytn 13 8217 Baobab -1001 celo 14 42220 Alfajores -44787 near 15 mainnet testnet moonbeam 16 1284 Moonbase-Alphanet -1287 neon 17 245022934 245022940 terra2 18 phoenix-1 pisco-1 injective 19 injective-1 injective-888 osmosis 20 osmosis-1 osmo-test-5 sui 21 35834a8a 4c78adac aptos 22 1 2 arbitrum 23 Arbitrum One -42161 Goerli -421613 optimism 24 10 Optimism Goerli -420 gnosis 25 100 Chaido -10200 pythnet 26 xpla 28 dimension_37-1 cube_47-5 base 30 Base -8453 Base Goerli -84531 sei 32 pacific-1 atlantic-2 rootstock 33 30 31 scroll 34 534352 Sepolia -534351 mantle 35 5000 Sepolia -5003 cosmoshub 4000 cosmoshub-4 theta-testnet-001 evmos 4001 evmos_9001-2 evmos_9000-4 kujira 4002 kaiyo-1 harpoon-4 neutron 4003 neutron-1 pion-1 celestia 4004 celestia mocha-4 stargaze 4005 stargaze-1 seda 4006 dymension 4007 dymension_1100-1 sepolia 10002 N/A Sepolia -11155111 arbitrum_sepolia 10003

Sepolia -421614 base_sepolia 10004

Base Sepolia -84532 optimism_sepolia 10005

Optimism Sepolia -11155420 holesky 10006 N/A Holesky -17000

Contract Addresses

The following tables document the deployed contract addresses for contracts on each chain.

Core Contracts

Chain Name Mainnet Testnet Local development solana worm2ZoG2kUd4vFXhvjh93UUH596ayRfgQ2MgjNMTth 3u8hJUVTA4jH1wYAyUur7FFZVQ8H635K3tSHHF4ssjQ5 Bridge1p5gheXUvJ6jGWGeCsgPKgnE3YgdGKRVCMY9o ethereum 0x98f3c9e6E3fAce36bAAd05FE09d375Ef1464288B 0x706abc4E45D419950511e474C7B9Ed348A4a716c 0xC89Ce4735882C9F0f0FE26686c53074E09B0D550 terra terra1dq03ugtd40zu9hcgdzrsq6z2z4hwhc9tqk2uy5 terra1pd65m0q9tl3v8znnz5f5ltsfegyzah7g42cx5v terra14hj2tavq8fpesdwxxcu44rty3hh90vhujrvcmstl4zr3txmfvw9ssrc8au bsc 0x98f3c9e6E3fAce36bAAd05FE09d375Ef1464288B 0x68605AD7b15c732a30b1BbC62BE8F2A509D74b4D 0xC89Ce4735882C9F0f0FE26686c53074E09B0D550 polygon 0x7A4B5a56256163F07b2C80A7cA55aBE66c4ec4d7 0x0CBE91CF822c73C2315FB05100C2F714765d5c20 - avalanche 0x54a8e5f9c4CbA08F9943965859F6c34eAF03E26c 0x7bbcE28e64B3F8b84d876Ab298393c38ad7aac4C - oasis 0xfE8cD454b4A1CA468B57D79c0cc77Ef5B6f64585 0xc1C338397ffA53a2Eb12A7038b4eeb34791F8aCb - algorand 842125965 86525623 1004 aurora 0xa321448d90d4e5b0A732867c18eA198e75CAC48E 0xBd07292de7b505a4E803CEe286184f7Acf908F5e - fantom 0x126783A6Cb203a3E35344528B26ca3a0489a1485 0x1BB3B4119b7BA9dfad76B0545fb3F531383c3bB7 - karura 0xa321448d90d4e5b0A732867c18eA198e75CAC48E 0xE4eacc10990ba3308DdCC72d985f2a27D20c7d03 - acala 0xa321448d90d4e5b0A732867c18eA198e75CAC48E 0x4377B49d559c0a9466477195C6AdC3D433e265c0 - klaytn 0x0C21603c4f3a6387e241c0091A7EA39E43E90bb7 0x1830CC6eE66c84D2F177B94D544967c774E624cA - celo 0xa321448d90d4e5b0A732867c18eA198e75CAC48E 0x88505117CA88e7dd2eC6EA1E13f0948db2D50D56 - near contract.wormhole_crypto.near wormhole.wormhole.testnet wormhole.test.near moonbeam 0xC8e2b0cD52Cf01b0Ce87d389Daa3d414d4cE29f3 0xa5B7D85a8f27dd7907dc8FdC21FA5657D5E2F901 - neon - 0x268557122Ffd64c85750d630b716471118F323c8 - terra2 terra12mrnzvhx3rpej6843uge2yyfppfyd3u9c3uq223q8sl48huz9juqffcnhp terra19nv3xr5lrmmr7egvrk2kqgw4kcn43xrtd5g0mpgwwvhetusk4k7s66jyv0 terra14hj2tavq8fpesdwxxcu44rty3hh90vhujrvcmstl4zr3txmfvw9ssrc8au injective inj17p9rzwnnfxcjp32un9ug7yhhzgtkhvl9l2q74d inj1xx3aupmgv3ce537c0yce8zzd3sz567syuyedpg - osmosis - osmo1hggkxr0hpw83f8vuft7ruvmmamsxmwk2hzz6nytdkzyup9krt0dq27sgyx - sui 0xaeab97f96cf9877fee2883315d459552b2b921edc16d7ceac6eab944dd88919c 0x31358d198147da50db32eda2562951d53973a0c0ad5ed738e9b17d88b213d790 0x5a5160ca3c2037f4b4051344096ef7a48ebf4400b3f385e57ea90e1628a8bde0 aptos 0x5bc11445584a763c1fa7ed39081f1b920954da14e04b32440cba863d03e19625 0x5bc11445584a763c1fa7ed39081f1b920954da14e04b32440cba863d03e19625 0xde0036a9600559e295d5f6802ef6f3f802f510366e0c23912b0655d972166017 arbitrum 0xa5f208e072434bC67592E4C49C1B991BA79BCA46 0xC7A204bDBFe983FCD8d8E61D02b475D4073fF97e - optimism 0xEe91C335eab126dF5fDB3797EA9d6aD93aeC9722 0x6b9C8671cdDC8dEab9c719bB87cBd3e782bA6a35 - gnosis 0xa321448d90d4e5b0A732867c18eA198e75CAC48E 0xE4eacc10990ba3308DdCC72d985f2a27D20c7d03 - pythnet H3fxXJ86ADW2PNuDDmZJg6mzTtPxkYCpNuQUTgmJ7AjU EUrRARh92Cdc54xrDn6qzaqjA77NRrCcfbr8kPwoTL4z - xpla xpla1jn8qmdda5m6f6fqu9qv46rt7ajhklg40ukpqchkejcvy8x7w26cqxamv3w

xpla1upkjn4mthr0047kahvn0llqx4qpqfn75lnph4jpxfn8walmm8mqsanyy35 - base 0xbebdb6C8ddC678FfA9f8748f85C815C556Dd8ac6 0x23908A62110e21C04F3A4e011d24F901F911744A - sei sei1gjrrme22cyha4ht2xapn3f08zzw6z3d4uxx6fyy9zd5dyr3yxgzqqncdqn sei1nna9mzp274djrgzhzkac2gvm3j27l402s4xzr08chq57pjsupqnqaj0d5s - rootstock 0xbebdb6C8ddC678FfA9f8748f85C815C556Dd8ac6 0xbebdb6C8ddC678FfA9f8748f85C815C556Dd8ac6 - scroll - 0x055F47F1250012C6B20c436570a76e52c17Af2D5 - mantle - 0x6b9C8671cdDC8dEab9c719bB87cBd3e782bA6a35 - cosmoshub - - - evmos - - - kujira - - - neutron neutron16rerygcpahqcxx5t8vjla46ym8ccn7xz7rtc6ju5ujcd36cmc7zs9zrunh neutron1rhqgnak5z0pla5sgqq7ykqh8glckk4h67fe0hgjfcyulx2nqa0yqaswtnp - celestia - - - stargaze - - - seda - - - dymension - - - sepolia - 0x4a8bc80Ed5a4067f1CCf107057b8270E0cC11A78 - arbitrum_sepolia - 0x6b9C8671cdDC8dEab9c719bB87cBd3e782bA6a35 - base_sepolia - 0x79A1027a6A159502049F10906D333EC57E95F083 - optimism_sepolia - 0x31377888146f3253211EFEf5c676D41ECe7D58Fe - holesky - 0xa10f2eF61dE1f19f586ab8B6F2EbA89bACE63F7a -

Token Bridge

Chain Name Mainnet Testnet Local development solana wormDTUJ6AWPNvk59vGQbDvGJmqbDTdgWgAqcLBCgUb DZnkkTmCiFWfYTfT41X3Rd1kDgozqzxWaHqsw6W4x2oe B6RHG3mfcckmrYN1UhmJzyS1XX3fZKbkeUcpJe9Sy3FE ethereum 0x3ee18B2214AFF97000D974cf647E7C347E8fa585 0xF890982f9310df57d00f659cf4fd87e65adEd8d7 0x0290FB167208Af455bB137780163b7B7a9a10C16 terra terra10nmmwe8r3g99a9newtqa7a75xfgs2e8z87r2sf terra1pseddrv0yfsn76u4zxrjmtf45kdlmalswdv39a terra1nc5tatafv6eyq7llkr2gv50ff9e22mnf70qgjlv737ktmt4eswrquka9l6 bsc 0xB6F6D86a8f9879A9c87f643768d9efc38c1Da6E7 0x9dcF9D205C9De35334D646BeE44b2D2859712A09 0x0290FB167208Af455bB137780163b7B7a9a10C16 polygon 0x5a58505a96D1dbf8dF91cB21B54419FC36e93fdE 0x377D55a7928c046E18eEbb61977e714d2a76472a - avalanche 0x0e082F06FF657D94310cB8cE8B0D9a04541d8052 0x61E44E506Ca5659E6c0bba9b678586fA2d729756 - oasis 0x5848C791e09901b40A9Ef749f2a6735b418d7564 0x88d8004A9BdbfD9D28090A02010C19897a29605c - algorand 842126029 86525641 1006 aurora 0x51b5123a7b0F9b2bA265f9c4C8de7D78D52f510F 0xD05eD3ad637b890D68a854d607eEAF11aF456fba - fantom 0x7C9Fc5741288cDFdD83CeB07f3ea7e22618D79D2 0x599CEa2204B4FaECd584Ab1F2b6aCA137a0afbE8 - karura 0xae9d7fe007b3327AA64A32824Aaac52C42a6E624 0xd11De1f930eA1F7Dd0290Fe3a2e35b9C91AEFb37 - acala 0xae9d7fe007b3327AA64A32824Aaac52C42a6E624 0xebA00cbe08992EdD08ed7793E07ad6063c807004 - klaytn 0x5b08ac39EAED75c0439FC750d9FE7E1F9dD0193F 0xC7A13BE098720840dEa132D860fDfa030884b09A - celo 0x796Dff6D74F3E27060B71255Fe517BFb23C93eed 0x05ca6037eC51F8b712eD2E6Fa72219FEaE74E153 - near contract.portalbridge.near token.wormhole.testnet token.test.near moonbeam 0xb1731c586ca89a23809861c6103f0b96b3f57d92 0xbc976D4b9D57E57c3cA52e1Fd136C45FF7955A96 - neon - 0xEe3dB83916Ccdc3593b734F7F2d16D630F39F1D0 - terra2 terra153366q50k7t8nn7gec00hg66crnhkdggpgdtaxltaq6xrutkkz3s992fw9 terra1c02vds4uhgtrmcw7ldlg75zumdqxr8hwf7npseuf2h58jzhpgjxsgmwkvk terra1nc5tatafv6eyq7llkr2gv50ff9e22mnf70qgjlv737ktmt4eswrquka9l6 injective inj1ghd753shjuwexxywmgs4xz7x2q732vcnxxynfn inj1q0e70vhrv063eah90mu97sazhywmeegp7myvnh - osmosis - - - sui 0xc57508ee0d4595e5a8728974a4a93a787d38f339757230d441e895422c07aba9 0x6fb10cdb7aa299e9a4308752dadecb049ff55a892de92992a1edbd7912b3d6da 0xa6a3da85bbe05da5bfd953708d56f1a3a023e7fb58e5a824a3d4de3791e8f690 aptos 0x576410486a2da45eee6c949c9955670112ddf2fbeedab20350d506328eefc9d4f 0x576410486a2da45eee6c949c9955670112ddf2fbeedab20350d506328eefc9d4f 0x84a5f374d29fc77e370014dce4fd6a55b58ad608de8074b0be5571701724da31 arbitrum 0x0b2402144Bb366A632D14B83F244D2e0e21bD39c 0x23908A62110e21C04F3A4e011d24F901F911744A - optimism 0x1D68124e65faFC907325e3EDbF8c4d84499DAa8b 0xC7A204bDBFe983FCD8d8E61D02b475D4073fF97e - gnosis - - - pythnet - - - xpla xpla137w0wfch2dfmz7jl2ap8pcmswasj8kg06ay4dtjzw7tzkn77ufxqfw7acv xpla1kek6zgdaxcsu35nqfsyvs2t9vs87dqkkq6hjdgczacysjn67vt8sern93x - base 0x8d2de8d2f73F1F4cAB472AC9A881C9b123C79627 0xA31aa3FDb7aF7Db93d18DDA4e19F811342EDF780 - sei sei1smzlm9t79kur392nu9egl8p8je9j92q4gzguewj56a05kyxxra0qy0nuf3 sei1jv5xw094mclanxt5emammy875qelf3v62u4tl4lp5nhte3w3s9ts9w9az2 - rootstock - - - scroll - 0x22427d90B7dA3fA4642F7025A854c7254E4e45BF - mantle - 0xC7A204bDBFe983FCD8d8E61D02b475D4073fF97e - cosmoshub - - - evmos - - - kujira - - - neutron - - - celestia - - - stargaze - - - seda - - - dymension - - - sepolia - 0xDB5492265f6038831E89f495670FF909aDe94bd9 - arbitrum_sepolia - 0xC7A204bDBFe983FCD8d8E61D02b475D4073fF97e - base_sepolia - 0x86F55A04690fd7815A3D802bD587e83eA888B239 - optimism_sepolia - 0x99737Ec4B815d816c49A385943baf0380e75c0Ac - holesky - 0x76d093BbaE4529a342080546cAFEec4AcbA59EC6 -

NFT Bridge

Chain Name Mainnet Testnet Local development solana WnFt12ZrnzZrFZkt2xsNsaNWoQribnuQ5B5FrDbwDhD 2rHhojZ7hpu1zA91nvZmT8TqWWvMcKmmNBCr2mKTtMq4 NFTWqJR8YnRVqPDvTJrYuLrQDitTG5AScqbeghi4zSA ethereum 0x6FFd7EdE62328b3Af38FCD61461Bbfc52F5651fE 0xD8E4C2DbDd2e2bd8F1336EA691dBFF6952B1a6eB 0x26b4afb60d6c903165150c6f0aa14f8016be4aec terra - - - bsc 0x5a58505a96D1dbf8dF91cB21B54419FC36e93fdE 0xcD16E5613EF35599dc82B24Cb45B5A93D779f1EE 0x26b4afb60d6c903165150c6f0aa14f8016be4aec polygon 0x90BBd86a6Fe93D3bc3ed6335935447E75fAb7fCf 0x51a02d0dcb5e52F5b92bdAA38FA013C91c7309A9 - avalanche 0xf7B6737Ca9c4e08aE573F75A97B73D7a813f5De5 0xD601BAf2EEE3C028344471684F6b27E789D9075D - oasis 0x04952D522Ff217f40B5Ef3cbF659EcA7b952a6c1 0xC5c25B41AB0b797571620F5204Afa116A44c0ebA - algorand - - - aurora 0x6dcC0484472523ed9Cdc017F711Bcbf909789284 0x8F399607E9BA2405D87F5f3e1B78D950b44b2e24 - fantom

0xA9c7119aBDa80d4a4E0C06C8F4d8cF5893234535 0x63eD9318628D26BdCB15df58B53BB27231D1B227 - karura
0xb91e3638F82A1fACb28690b37e3aAE45d2c33808 0x0A693c2D594292B6Eb89Cb50EFe4B0b63Dd2760D - acala
0xb91e3638F82A1fACb28690b37e3aAE45d2c33808 0x96f1335e0AcAB3cfd9899B30b2374e25a2148a6E - klaytn
0x3c3c561757BAa0b78c5C025CdEAa4ee24C1dFfEf 0x94c994fC51c13101062958b567e743f1a04432dE - celo
0xA6A377d75ca5c9052c9a77ED1e865Cc25Bd97bf3 0xaCD8190F647a31E56A656748bC30F69259f245Db - near - - -
moonbeam 0x453cfbe096c0f8d763e8c5f24b441097d577bde2 0x98A0F4B96972b32Fcb3BD03cAeB66A44a6aB9Edb -
neon - 0x66E5BcFD45D2F3f166c567ADa663f9d2ffb292B4 - terra2 - - - injective - - - osmosis - - - sui - - - aptos
0x1bdffae984043833ed7fe223f7af7a3f8902d04129b14f801823e64827da7130
0x1bdffae984043833ed7fe223f7af7a3f8902d04129b14f801823e64827da7130
0x46da3d4c569388af61f951bdd1153f4c875f90c2991f6b2d0a38e2161a40852c arbitrum
0x3dD14D553cFD986EAC8e3bddF629d82073e188c8 0xEe3dB83916Ccdc3593b734F7F2d16D630F39F1D0 - optimism
0xfE8cD454b4A1CA468B57D79c0cc77Ef5B6f64585 0x23908A62110e21C04F3A4e011d24F901F911744A - gnosis - - -
pythnet - - - xpla - - - base 0xDA3adC6621B2677BEf9aD26598e6939CF0D92f88
0xF681d1cc5F25a3694E348e7975d7564Aa581db59 - sei - - - rootstock - - - scroll -
0x47B9a1406BEe29a3001BFEB7e45aE45fFFB40c18 - mantle - 0x23908A62110e21C04F3A4e011d24F901F911744A -
cosmoshub - - - evmos - - - kujira - - - neutron - - - celestia - - - stargaze - - - seda - - - dymension - - - sepolia -
0x6a0B52ac198e4870e5F3797d5B403838a5bbFD99 - arbitrum_sepolia -
0x23908A62110e21C04F3A4e011d24F901F911744A - base_sepolia - 0x268557122Ffd64c85750d630b716471118F323c8
- optimism_sepolia - 0x27812285fbe85BA1DF242929B906B31EE3dd1b9f - holesky -
0xc8941d483c45eF8FB72E4d1F9dDE089C95fF8171 -

Standard Relayer

Chain Name Mainnet Testnet Local development solana - - - ethereum
0x27428DD2d3DD32A4D7f7C497eAaa23130d894911 0x28D8F1Be96f97C1387e94A53e00eCcFb4E75175a
0xE66C1Bc1b369EF4F376b84373E3Aa004E8F4C083 terra - - - bsc 0x27428DD2d3DD32A4D7f7C497eAaa23130d894911
0x80aC94316391752A193C1c47E27D382b507c93F3 0xE66C1Bc1b369EF4F376b84373E3Aa004E8F4C083 polygon
0x27428DD2d3DD32A4D7f7C497eAaa23130d894911 0x0591C25ebd0580E0d4F27A82Fc2e24E7489CB5e0 - avalanche
0x27428DD2d3DD32A4D7f7C497eAaa23130d894911 0xA3cF45939bD6260bcFe3D66bc73d60f19e49a8BB - oasis - - -
algorand - - - aurora - - - fantom 0x27428DD2d3DD32A4D7f7C497eAaa23130d894911 - - karura
0x27428DD2d3DD32A4D7f7C497eAaa23130d894911 - - acala 0x27428DD2d3DD32A4D7f7C497eAaa23130d894911 - -
klaytn 0x27428DD2d3DD32A4D7f7C497eAaa23130d894911 - - celo 0x27428DD2d3DD32A4D7f7C497eAaa23130d894911
0x306B68267Deb7c5DfCDa3619E22E9Ca39C374f84 - near - - - moonbeam
0x27428DD2d3DD32A4D7f7C497eAaa23130d894911 0x0591C25ebd0580E0d4F27A82Fc2e24E7489CB5e0 - neon - - -
terra2 - - - injective - - - osmosis - - - sui - - - aptos - - - arbitrum 0x27428DD2d3DD32A4D7f7C497eAaa23130d894911
0xAd753479354283eEE1b86c9470c84D42f229FF43 - optimism 0x27428DD2d3DD32A4D7f7C497eAaa23130d894911
0x01A957A525a5b7A72808bA9D10c389674E459891 - gnosis - - - pythnet - - - xpla - - - base
0x706f82e9bb5b0813501714ab59574216704980e31 0xea8029CD7FCAEFFcD1F53686430Db0Fc8ed384E1 - sei - - -
rootstock - - - scroll - - - mantle - - - cosmoshub - - - evmos - - - kujira - - - neutron - - - celestia - - - stargaze - - - seda - - -
dymension - - - sepolia - 0x7B1bD7a6b4E61c2a123AC6BC2cbfC614437D0470 - arbitrum_sepolia -
0x7B1bD7a6b4E61c2a123AC6BC2cbfC614437D0470 - base_sepolia -
0x93BAD53DDfB6132b0aC8E37f6029163E63372cEE - optimism_sepolia -
0x93BAD53DDfB6132b0aC8E37f6029163E63372cEE - holesky - - -

CCTP

Chain Name Mainnet Testnet Local development solana - - - ethereum
0xAaDA05BD399372f0b0463744C09113c137636f6a - - terra - - - bsc - - - polygon
0x2703483B1a5a7c577e8680de9Df8Be03c6f30e3c 0x2703483B1a5a7c577e8680de9Df8Be03c6f30e3c - avalanche
0x09Fb06A271faFf70A651047395AaEb6265265F13 0x58f4c17449c90665891c42e14d34aae7a26a472e - oasis - - -
algorand - - - aurora - - - fantom - - - karura - - - acala - - - klaytn - - - celo - - - near - - - moonbeam - - - neon - - - terra2 - - -
injective - - - osmosis - - - sui - - - aptos - - - arbitrum 0x2703483B1a5a7c577e8680de9Df8Be03c6f30e3c - - optimism
0x2703483B1a5a7c577e8680de9Df8Be03c6f30e3c - - gnosis - - - pythnet - - - xpla - - - base
0x03faBB06Fa052557143dC28eFCFc63FC12843f1D - - sei - - - rootstock - - - scroll - - - mantle - - - cosmoshub - - - evmos
- - - kujira - - - neutron - - - celestia - - - stargaze - - - seda - - - dymension - - - sepolia -
0x2703483B1a5a7c577e8680de9Df8Be03c6f30e3c - arbitrum_sepolia -
0x2703483B1a5a7c577e8680de9Df8Be03c6f30e3c - base_sepolia - 0x2703483B1a5a7c577e8680de9Df8Be03c6f30e3c -
optimism_sepolia - 0x2703483B1a5a7c577e8680de9Df8Be03c6f30e3c - holesky - - -

Gateway

Mainnet

Contract Address Wormhole core bridge wormhole1ufs3tlq4umljk0qfe8k5ya0x6hpavn897u2cnf9k0en9jr7qarqqaqfk2j
Wormhole token bridge wormhole1466nf3zuxpya8q9emxukd7vftaf6h4psr0a07srl5zw74zh84yjq4lyjmh IBC Translator
wormhole14ejqjyq8um4p3xfqj74yld5waqljf88fz25yxnma0cngspxe3les00fpjx

Testnet

Contract Address Wormhole core bridge wormhole16jzpxp0e8550c9aht6q9svcux30vtyyyyxv5w2l2djjra46580wsazcjwp Wormhole token bridge wormhole1aaf9r6s7nxhysuegqrxv0wpm27ypyv4886medd3mrkrw6t4yfcnst3qpex IBC Translator wormhole1ctnjk7an90lz5wjfvr3cf6x984a8cjnv8dpmztmlpcq4xteaa2xs9pwmzk

Consistency Levels

The following tables document the consistencyLevel values (i.e. finality reached before signing) or for each chain.

The consistency level defines how long the Guardians should wait before signing a VAA. The amount of time for finalization depends on the specific chain's consensus mechanism.

Consistency level is au8 so any single byte may be used, however a small subset have specific meanings. If theconsistencyLevel is not one of those specific values, theOtherwise column describes how its interpreted.

Chain Instant Safe Finalized Otherwise Time to Finalize Details Solana

0 1 finalized ~ 14s Details Ethereum 200 201

finalized ~ 975s Details Terra 200 201

finalized ~ 6s BNB Smart Chain 200

number of blocks ~ 48s Details Polygon 200

finalized ~ 66s Details Avalanche

0 finalized ~ 2s Details Oasis 200 201

finalized ~ 12s Algorand

0 finalized ~ 4s Details Fantom 200

finalized ~ 5s Karura 200

finalized ~ 24s Details Acala 200

finalized ~ 24s Klaytn 200

finalized ~ 1s Celo 200

finalized ~ 10s NEAR

0 finalized ~ 2s Details Moonbeam 200

finalized ~ 24s Details Terra2 200 201

finalized ~ 6s Injective 200 201

finalized ~ 3s Osmosis 200 201

finalized ~ 6s Sui

0 finalized ~ 3s Details Aptos

0 finalized ~ 4s Details Arbitrum 200

finalized ~ 1066s Details Optimism 200

finalized ~ 1026s Details Xpla 200 201

finalized ~ 5s Base 200 201

finalized ~ 1026s Sei 200 201

finalized ~ 1s Cosmoshub 200 201

finalized ~ 5s Evmos 200 201

finalized ~ 2s Kujira 200 201

finalized ~ 3s Neutron 200 201

finalized ~ 5s Celestia 200 201

finalized ~ 5s Stargaze 200 201

finalized ~ 5s Dymension 200 201

finalized ~ 5s

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