

Report for DeltaPrime

By [BlockSec](#) (audit@blocksec.com)

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Introduction

DeltaPrime requires us to review the admin and ownership of their deployed contracts to ensure that the owners/admins of these contracts are as expected.

They provided us with a list of contracts deployed on Arbitrum and Avalanche, as seen below:

Arbitrum Contracts and Known Addresses

Contract Name	Address
LinkPoolTUP	0x2D99ee2Fed53b0eC85fE32ABB8135Df44fF42A03
UniPoolTUP	0xF9a12a4759500Df05983fD3EBd7F8A8F262A2967
BtcPoolTUP	0x5CdE36c23f0909960BA4D6E8713257C6191f8C35
FraxPoolTUP	0x431290dF15777d46174b83C9E01F87d7b70D3073

Contract Name	Address
DaiPoolTUP	0xd5E8f691756c3d7b86FD8A89A06497D38D362540
UsdcPoolTUP	0x8FE3842e0B7472a57f2A2D56cF6bCe08517A1De0
WethPoolTUP	0x0BeBEB5679115f143772CfD97359BBcc393d46b3
UsdtPoolTUP	0x5fAe0ebE49a920FA8350c0396683244824eECE74
ArbPoolTUP	0x2B8C610F3fC6F883817637d15514293565C3d08A
DepositIndex BTC	0x7789BFf818C051c48e7EBA3550D72AC9bE2fCAF7
DepositIndex DAI	0x8894df0686b38d85d431F52660107b6F57609bC8
DepositIndex USDC	0x56F67141ba2197854D447128A8Aad9B517b8fD43
DepositIndex WETH	0x5C671Dae4C78f8beBa83aE67cee0f00B783E497C
DepositIndex ARB	0xdEab10Eb04525Ad8eb466d7A3634a4fB27040147
BorrowIndex BTC	0xD04E075E56194CFf489ec4941eF1FCb2BAB785AE
BorrowIndex DAI	0xF5aD6c5aa8d5a05F22B730743949Bf1Ff5ec8c48
BorrowIndex USDC	0xB13c4760CF2E9CD219Ec86EbE3660e520fDB8799
BorrowIndex WETH	0x9d0Ac60fDF8BF94EaFF4489ACCFff4c8F5CD51C1
BorrowIndex ARB	0xA508C3ceDb25aF7fBC3B9C339Fad6380470AFb74
Prime_L2	0x3De81CE90f5A27C5E6A5aDb04b54ABA488a6d14E
sPrimeUniswapUP	0x04d36A9aAD2072C69E4B0Cb2A403D8a893064945
vPrimeUP	0x88fBaEa44b85fcC505c1aB1fD884c877A3b3dD42
vPrimeControllerUP	0xA0Ff5eA5fB3A7739791b81c83A8742044893CFaC
SushiSwapIntermediary	0xfd5665022359586Af38836b88E52E4690a3a7B79
BTC Rates calculator	0x7Cb9b83c91482C88aC2A3Cc1CB599872F10830E6
BTC Rates calculator NEW	0x290EBE564Fb778003f6D06cE6139848d3D2Aa14A
DAI Rates calculator	0x7Eef8C4190E4ef1dCF5071c70afC612AD2a49956

Contract Name	Address
DAI Rates calculator NEW	0xd480d93BE366cd8fd4FC5EF0Df676F83944b5eBC
USDC Rates calculator	0x6715e7768b6a9C523046407E0354a21bB17acb39
USDC Rates calculator NEW	0xA24E8B383B1D8da473426768D5A85DB1Ae391DCe
WETH Rates calculator	0x0D184ADF34065598311233A1d37765f76fbC5a72
WETH Rates calculator NEW	0x02A4B9e27911513CFe62E5763f6A37f577c5AE5f
ARB Rates calculator	0x5d776f18289C1CaDbb11D77723c3D0605912b34f
ARB Rates calculator NEW	0xD4a3606A8b3e7b5F9e95C51500452a4c532Cfc45
DepositSwapArbitrumTUP	0x889Cfe41a376CFeF8F28E48A848728D5377552b9

Here's the table for the known Arbitrum addresses:

Name	Address
MULTISIG OWNER	0xDfA6706FC583b635CD6daF0E3915901A2fBaBAaD
MUTLISIG ADMIN	0xa9Ca8462aB2949ADa86297904e09Ab4Eb12cdCf0
TIMELOCK ADMIN	0x1fa4DeD27b8d395BF16f76a1c633B7D33CfF15E7
TIMELOCK OWNER	0x19a2e808BB716E20B7ceA28bc11930EF89B841ba
Timelock24h	0x43D9A211BDdC5a925fA2b19910D44C51D5c9aa93
LinkPoolTUP	0x2D99ee2Fed53b0eC85fE32ABB8135Df44fF42A03
UniPoolTUP	0xF9a12a4759500Df05983fD3EBd7F8A8F262A2967
BtcPoolTUP	0x5CdE36c23f0909960BA4D6E8713257C6191f8C35
FraxPoolTUP	0x431290dF15777d46174b83C9E01F87d7b70D3073
DaiPoolTUP	0xd5E8f691756c3d7b86FD8A89A06497D38D362540
UsdcPoolTUP	0x8FE3842e0B7472a57f2A2D56cF6bCe08517A1De0
WethPoolTUP	0x0BeBEB5679115f143772CfD97359BBcc393d46b3

Name	Address
UsdtPoolTUP	0x5fAe0ebE49a920FA8350c0396683244824eECE74
ArbPoolTUP	0x2B8C610F3fC6F883817637d15514293565C3d08A

Avalanche Contracts and Known Addresses

Contract Name	Address
WavaxPoolTUP	0xD26E504fc642B96751fD55D3E68AF295806542f5
UsdcPoolTUP	0x2323dAC85C6Ab9bd6a8B5Fb75B0581E31232d12b
btcPoolTUP	0x475589b0Ed87591A893Df42EC6076d2499bB63d0
ethPoolTUP	0xD7fEB276ba254cD9b34804A986CE9a8C3E359148
usdtPoolTUP	0xd222e10D7Fe6B7f9608F14A8B5Cf703c74eFBcA1
DepositIndex AVAX	0xaB764b1E960E346a7f5c8CC92D5750D0F0782aD2
DepositIndex USDC	0x58Da820738d3bC3583566ECFc5660B176AC446A6
DepositIndex BTC	0x637FdB03d95b36Bb25B6b44964b4725482546A08
DepositIndex ETH	0x796Dbe7Adc72158f08B0b79E20cAA4293d32132f
DepositIndex USDT	0x5F6847cAc849d67AcfE2da9CCaff3DF11F9e1E9F
BorrowIndex WAVAX	0x7201e8cB96fF5bDfa69377f2F29a21027FF7dBB1
BorrowIndex USDC	0x93a0F1d983aE56ab19fE72961842e9e576830E80
BorrowIndex BTC	0x8F0848B329Ad310ABadD7f85C3c0cFEcEB0a78FD
BorrowIndex ETH	0x66b8Ad391b2d37E60B5B9ec7F96686E9Efedb2Cb
BorrowIndex USDT	0x646aFd5FFF39962672bBbfAC80106F0f9d8ff9fe
PrimeBridge	0x35643752F4ea0ba70456F0CA1e2778f783206a20
PositionManager	0x13652F4a37235293a90a1dE5B878c9435EAf4c58
sPrimeUP	0xd38C5cEca20Fb43503E108ed8d4CaCA5B57E730E

Contract Name	Address
vPrimeUP	0x228a19fC13932C67D538fEba858359E369e5a197
vPrimeControllerUP	0x9289D0B4A3723b6F69b03e79fE9BfC79982764b8
PrimeVesting 1	0x881fa171A7b5bf5c84d213043037ab867ce4688c
PrimeVesting 2	0xE2C255Ed407fda4BDe67Fd9cBEe72654F6A09e3b
PangolinIntermediaryTUP	0xdB5D94B8Ed491B058F3e74D029775A14477cF7fA
TraderJoeIntermediaryTUP	0x4eEcb72b47a32786e08581D6226e95d9AE3bB1Af
AVAX Rates calculator	0x4162f744F2478fE0f9b87e02191B166766542bb0
USDC Rates calculator	0x8FfA4cA6327944ed4Da2cE3ca77c416121612E32
BTC Rates calculator	0x994F4216769C4d9CC6A3dd80A9141Ba45Df4DAdF
ETH Rates calculator	0xb354BC1329c523744c3E9C31140aa52F2953C89f
USDT Rates calculator	0xDC39CC885BD5d766CA7f5a9Ab2814b74F33ab493

Here's the table for the known Avalanche addresses:

Name	Address
MULTISIG OWNER	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c
MUTLISIG ADMIN	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a
TIMELOCK OWNER	0x3cF61b8628Ec980f26bE5AcC6B1052bE9F49f1d4
TIMELOCK ADMIN	0x57AA5E3af98BddF2B1fF3115f2F0F3c2052F7F12
Timelock24h	0x5C31bF6E2E9565B854E7222742A9a8e3f78ff358
WavaxPoolTUP	0xD26E504fc642B96751fD55D3E68AF295806542f5
UsdcPoolTUP	0x2323dAC85C6Ab9bd6a8B5Fb75B0581E31232d12b
btcPoolTUP	0x475589b0Ed87591A893Df42EC6076d2499bB63d0
ethPoolTUP	0xD7fEB276ba254cD9b34804A986CE9a8C3E359148

Name	Address
usdtPoolTUP	0xd222e10D7Fe6B7f9608F14A8B5Cf703c74eFBcA1

Note that, we add one more address to the known Avalanche addresses, which is [0xbac44698844f13cf0af423b19040659b688ef036](#), the deployer of contracts in the known Avalanche addresses.

Besides the above contract, DeltaPrime provided an updated version of the known addresses and a list of obsolete/test contracts that can be ignored during the test, on 09/29/2024.

[New Known Addresses](#)

Address	Description	Status
0x431290dF15777d46174b83C9E01F87d7b70D3073	Proxy contract	Obsolete
0x44F6aEAAC8C784fEe06cdc6eF9CeCE63423c50d4	Proxy contract	Obsolete
0x6F8e87538aAcC12E4a50f13b45F19c248561450E	Proxy contract	Obsolete
0x88f6F474185782095D19f3a8b08ed3cf1fa5a67d	Proxy contract	Obsolete
0xe7E35BEd5256E9d5C697b5486c3F5E07ba04F563	Proxy contract	Obsolete
0xA273EFD3BD9182C5b909Fcd65242860d8D948E2b	Proxy contract	Obsolete
0x3eb97259ACE735304b7147AEc60BB4FD9AE52A3d	Proxy contract	Obsolete

[Obsolete/test contracts that can be ignored](#)

Address	Network	Status	Description
0x7dBcB7b5019cfD15225E5aDc454B864CA1b7f2d1	Avalanche	Obsolete	SmartLoanDiamondBeacon
0x023dA3e0D49Ee05704773271b11484C6D1E76cCb	Avalanche	Obsolete	SmartLoanDiamondBeacon
0x561d7Ad722Cc0Ea74604173d09adf9DB86264934	Avalanche	Test contract	Token contract
0xa4306C384Ed015235E2B19ACcd3096045527A36f	Avalanche	Test contract	Token contract
0x83BE7c8768df4600E643d1a05734198709E505da	Avalanche	Test contract	Token contract
0x76ECA8D0419e79267Eefb232B288Cb2eC641d014	Avalanche	Test contract	Token contract

0x540e7a7baB681Bd69bC4bf89Bd706F96F9D1dEF8	Avalanche	Test contract	Token contract
0xFCFfc7b7c181D5DC910cF34ac0763400C75Dc97e	Avalanche	Test contract	Token contract
0x944d29Db15E704DC1D358083598E27F466cb27FE	Avalanche	Test contract	Token contract
0x45E31148C3061c6Dc565Cf0E3379a75C5b4478B8	Avalanche	Test contract	Token contract
0xE77E0Acf9Db2d92160E46e4137f221445Bd952b6	Avalanche	Test contract	Token contract
0x86fe30ca20D4EBD1D97C312488D65F17581c410f	Avalanche	Test contract	Token contract
0xB8d86E0Bc0601E1A37dD45E9b4159dA459F9331a	Avalanche	Test contract	Token contract
0x561d7Ad722Cc0Ea74604173d09adf9DB86264934	Arbitrum	Test contract	Token contract
0xa4306C384Ed015235E2B19ACcd3096045527A36f	Arbitrum	Test contract	Token contract
0x83BE7c8768df4600E643d1a05734198709E505da	Arbitrum	Test contract	Token contract
0x76ECA8D0419e79267Eefb232B288Cb2eC641d014	Arbitrum	Test contract	Token contract
0xFCFfc7b7c181D5DC910cF34ac0763400C75Dc97e	Arbitrum	Test contract	Token contract
0x45E31148C3061c6Dc565Cf0E3379a75C5b4478B8	Arbitrum	Test contract	Token contract
0x86fe30ca20D4EBD1D97C312488D65F17581c410f	Arbitrum	Test contract	Token contract
0x50b0b59f14bA882BD511Fe08d1cdc975807a94A4	Avalanche	Obsolete	Rewarder contract
0xB913aC229910d705297DEB1c168af3dA1416B227	Avalanche	Obsolete	Rewarder contract
0x3750F8d6Df82699ada6bBd1463C4E91fCf37005D	Avalanche	Obsolete	Rewarder contract
0x6d149Fcc150A3B097D7647408345898fe9db1ded	Avalanche	Obsolete	Rewarder contract
0x082761F322ba3e5B4C8e848D6cd31Fd489abd4BC	Avalanche	Obsolete	Index contract
0x035611d3237EbBE6f8eB2B7bDc580A3F53992AE5	Avalanche	Obsolete	Index contract

Methodology

We use the following method to check the admin and owner of the contracts:

First, we must get a full list of deployed contracts on a chain. That's because the list of the contracts provided by the vendor could be incomplete. For this purpose, we first retrieve the deployer address of the contracts provided by the vendor, and then use the deployer addresses to locate other contracts that were deployed by the same deployer. We also remove the obsolete/test contracts that were explicitly specified by DeltaPrime in the previous section.

We got 356 and 472 contracts for Arbitrum and Avalanche, respectively.

Second, for each contract in the list, we:

1. Read the contract code of the `owner()` and `admin()` functions.
2. Use a `web3.py` instance to connect to the RPC of the chain, and then invoke the `owner()` and `admin()` functions.
3. Check if the returned owner and admin are in the known addresses list.

Note that the contract may be paused when invoking the function. In this case, we retrieve the state of the contract at the previous block before the pausing operation.

Result

The result is shown in the [Google Spreadsheets](#), with the found admin and owner of each contract in the table. If the admin or owner is not in the known addresses list, we will mark it as [Unexpected].

For both Arbitrum and Avalanche, we do not find any unexpected addresses. That means all the contracts have known admin and owner addresses.

Summary

This security review was performed to identify the owners/admins of the contracts deployed to ensure that they have known addresses. Please review the result and make corresponding changes if necessary.

The report is written on October 1, 2024.

Appendix

Arbitrum Result

Contract Address	Admin	Owner
0xF9a12a4759500Df05983fD3EBd7F8A8F262A2967 (UniPoolTUP)	0xa9Ca8462aB2949ADa86297904e09Ab4Eb12cdCf0(MUTLISIG ADMIN) [Expected]	0xDfA6706FC583b635CD6daF0E3915901A2fBaBAaD(MULTISIG OWNER) [Expected]
0xD26E504fc642B96751fD55D3E68AF295806542f5	0x00	0x00

0x2D99ee2Fed53b0eC85fE3 2ABB8135Df44f42A03 (LinkPoolTUP)	0xa9Ca8462aB2949ADa86297 904e09Ab4Eb12cdCf0(MUTLISI G ADMIN) [Expected]	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
0x988Cf5520F7BfD8118927Bb 9202956ec082881e9	0x000000000000000000000000 000000000000000000000000	No Owner()
0x6aA046437E0d055Fc0206 Ef305A63D9B91c7ceDE (UniBorrowIndexTUP)	0xa9Ca8462aB2949ADa86297 904e09Ab4Eb12cdCf0(MUTLISI G ADMIN) [Expected]	0xF9a12a4759500Df05983fD3EBd7F8 A8F262A2967(UniPoolTUP) [Expected]
0xB65599a94F3cc960E34750 46d83C666eF3cE8c39	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x71bDF0452A536007aF9Afc 402B1Bef6078704c28	0x000000000000000000000000 000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
0x518e326EE211e713034781C5 11aA43E7193dD5d1	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0xa334E8f97A723963E676d0 C004458EBc63707770	0x000000000000000000000000 000000000000000000000000	No Owner()
0xDd4032145c85f5BdC31304 72f856D0130FB95C4A	0x000000000000000000000000 000000000000000000000000	No Owner()
0xA273EFD3BD9182C5b909F cd65242860d8D948E2b	0xa9Ca8462aB2949ADa86297 904e09Ab4Eb12cdCf0(MUTLISI G ADMIN) [Expected]	0x0000000000000000000000000000 000000000000000000000000
0x0B420F7002375543D04471 bf84EaD6fb0F0bCcea	0x000000000000000000000000 000000000000000000000000	No Owner()
0xEca1daCEd46777Ac8b7C52 4769740CAe6cbC2da8	0x000000000000000000000000 000000000000000000000000	No Owner()
0x38c8a29Fe32C6d95E6622 944A953aaa29A526133	0x000000000000000000000000 000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
0x37A5e05e690062FF6CD112 536AC72EAE7887bf0b	0x000000000000000000000000 000000000000000000000000	No Owner()
0xCdf7386e9cb82fCFd5AEe4 09a11aDc52E0362560 (TraderJoeV2ArbitrumFacet)	0x000000000000000000000000 000000000000000000000000	No Owner()
0x0BeBEB5679115f143772CfD 97359BBcc393d46b3 (WethPoolTUP)	0x1fa4DeD27b8d395BF16f76a1 c633B7D33Cf15E7(TIMELOCK ADMIN) [Expected]	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
0xA5984CAefafc5eA215147Ab 100268b37191a5b48	0x000000000000000000000000 000000000000000000000000	No Owner()

0xF70fDB15d3b7C0B73435e6 Fccfbe248cb16DC627	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x3E273bcc448d22b9329a56 da3a91ace1B57e7D04	0x000000000000000000000000 000000000000000000000000	No Owner()
0x4dC5A45550590eB78097e CF273f3bB6a576e07D7	0x000000000000000000000000 000000000000000000000000	No Owner()
0x3b3D28fd725014f80C75232 8f81666515A6145fd	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x3De81CE90f5A27C5E6A5a Db04b54ABA488a6d14E (Prime_L2)	0x000000000000000000000000 000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
0xC4644cBCf08122A9B23853 C9d57589c0339c4AE3	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0xd1f36C815477fF312B8f5b25 e1B284735819119	0x000000000000000000000000 000000000000000000000000	No Owner()
0x37B4a5fC1EcE6d1f182549ec 596821a81f26dAE1	0x000000000000000000000000 000000000000000000000000	No Owner()
0xcdE74BC3EFBc3B4BfAf3eF1 7021330f37B4eF63D	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x8463b7D47cF404c59A7318 719fd8625433a823de (TokenManager)	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0xc876dc73bc15c14521d9e66 5ccE6AA2C04784B74	0x000000000000000000000000 000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
0xBBF3d742A178cb5bFBef70 be66E702A53da8696C	0x000000000000000000000000 000000000000000000000000	No Owner()
0x889Cfe41a376CFef8F28E4 8A848728D5377552b9 (DepositSwapArbitrumTUP)	0xa9Ca8462aB2949ADa86297 904e09Ab4Eb12cdCf0(MULTISIG ADMIN) [Expected]	No Owner()
0x5429c83C6dD1B0a796FEF2 5eAA513e6164F36B54	0x000000000000000000000000 000000000000000000000000	No Owner()
0x70952A912Fa50E04c608eb 49E48afC975Eb91F21 (BtcDepositIndex)	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x3149a5211CC1FBF7cA62dC3 b57Fe2E8e8165ccCD	0x000000000000000000000000 000000000000000000000000	No Owner()
0xB544E118A8308811dF19619a 1DAA1F6e8536E29d	0x000000000000000000000000 000000000000000000000000	No Owner()

0x2F3005872139B64f76457c1f F7b7107D2879FE40	0x000000000000000000000000 000000000000000000000000	No Owner()
0x50C477B87fa75E1F97CA42 45fFDF8cc0e01d509B	0x000000000000000000000000 000000000000000000000000	No Owner()
0xd73A6535b590AE8Cf634D 0d68C9C77408a472e45	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0xC3c8818f728207Be8dDf873 9f434811dD6654818	0x000000000000000000000000 000000000000000000000000	No Owner()
0x39c575A79506147379DA75 45814eBcF5f3FBD44d	0x000000000000000000000000 000000000000000000000000	No Owner()
0x8b5c0352dd98BE579285D A94e51Ea9DC749eb22D	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x3082c1450e80D9bCA44ec 0d7BD98AC6B390be35C	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x591fa303Af94d5c15366687 C8b0D8CCFb2889A79	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0xd4970a65BEc4e8Bc3A33C3 dbAFa42b403795760D	0x000000000000000000000000 000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
0x38Ec7c3454FBA8763e9a71 62a93C6D4516823528	0x000000000000000000000000 000000000000000000000000	No Owner()
0xC3eEfd73dF8535308b878C 5f71ed314235A13bac	0x000000000000000000000000 000000000000000000000000	No Owner()
0xaa3A31fd272db802621Ee2C A691bBd8d01dd49e2	0x000000000000000000000000 000000000000000000000000	No Owner()
0xA22a30894333Cc5B66240 c722Ca55F8C7691d77f	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x33e63FD4011A201b2e1939c Ce8bC20C69ADC2200	0x000000000000000000000000 000000000000000000000000	No Owner()
0x69BeC70a49728544Fc402E bb631Fb5B0b172b23F	0x000000000000000000000000 000000000000000000000000	No Owner()
0x1d7eC73f4A64844dF8F6Ca A2Ff4544AB4a1B9be0	0x000000000000000000000000 000000000000000000000000	No Owner()
0xA508C3ceDb25aF7fBC3B9 C339Fad6380470AFb74 (BorrowIndex ARB)	0xa9Ca8462aB2949ADa86297 904e09Ab4Eb12cdCf0(MULTISI G ADMIN) [Expected]	0x2B8C610F3fC6F883817637d1551429 3565C3d08A(ArbPoolTUP) [Expected]
0x83cD0AAef0c35C5A19a408 1625BBcf1Cc5E1C3ed	0x000000000000000000000000 000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]

0x7Eef8C4190E4ef1dCF5071c7 0afC612AD2a49956 (DAI Rates calculator)	0x000000000000000000000000 000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
0xA9840241805F80767B322c 932B39ae81b179D6B3	0x000000000000000000000000 000000000000000000000000	No Owner()
0x9cA3f3Bbc3ead5D90FccAf6 b9C7283806bAB8eda	0x000000000000000000000000 000000000000000000000000	No Owner()
0x838fc9fAB996Da895963aA 82E4d5cffB6dc8127D	0x000000000000000000000000 000000000000000000000000	No Owner()
0xddB588c16838d58efDbCEC F0Ce23cc35371a879E	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0x8EDb1adD14700929547aE2 528121e9Ba8831A56B	0x000000000000000000000000 000000000000000000000000	No Owner()
0xb83264fF25F271b7ac8e422 DBB4Ce433723282AF	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0xc58d2c1d6b897cB46ef0d41 7f4E43639347514AC	0x000000000000000000000000 000000000000000000000000	0x0000000000000000000000000000 000000000000000000000000
0xa42be11A62509ebf70133D5 a7DD27Be5E6e43F16	0x000000000000000000000000 000000000000000000000000	No Owner()
0x93DF597EbB125cD0B72Ce B81c90614F43c68D91e	0x000000000000000000000000 000000000000000000000000	No Owner()
0x78dFaa2bCC5e06043a9F61 CAbdf90f3Cf960ae2F	0x000000000000000000000000 000000000000000000000000	No Owner()
0x8629ebce00A5d34Bc6a0a F2D716e768EB133ad9c	0x000000000000000000000000 000000000000000000000000	No Owner()
0xc938BDaA1FB0f64a71D85c8 a763193da91cb66a7	0x000000000000000000000000 000000000000000000000000	No Owner()
0x2642A3901568DC0Ba39b5 e10989dA224CFF7BA95	0x000000000000000000000000 000000000000000000000000	No Owner()
0xdCB272AB20393787B5EA4 3dDdBcDa0F7E4B06505	0x000000000000000000000000 000000000000000000000000	No Owner()
0xA9C8E3ec1137d402d4DF7d D067E36561D0662576	0x000000000000000000000000 000000000000000000000000	No Owner()
0xf102C7eBB6B3FbCf69Ca180 FB910D917fB427681	0x000000000000000000000000 000000000000000000000000	No Owner()
0x0e2Cfe411e1F3e3aEedb06a F3E5e42Fd976EEA1d	0x000000000000000000000000 000000000000000000000000	No Owner()
0x9eA05B6e1BF6eD83942147 3ff1f21773119eB880	0x000000000000000000000000 000000000000000000000000	No Owner()

0x98C5Ce0c31E005809003a597b1d9AAeF401F0B41	0xa9Ca8462aB2949ADa86297904e09Ab4Eb12cdCf0(MUTLISIG ADMIN) [Expected]	0x2D99ee2Fed53b0eC85fE32ABB8135Df44fF42A03(LinkPoolTUP) [Expected]
0xE3b6420560fe99D131Eb86a30b2C28764C376d9c	0x00000000000000000000000000000000	No Owner()
0xf946fed30EecA2DFde7F893B6821f887c2E56233	0x00000000000000000000000000000000	No Owner()
0x02A4B9e27911513CFe62E5763f6A37f577c5AE5f (WETH Rates calculator NEW)	0x00000000000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915901A2fBaBAaD(MULTISIG OWNER) [Expected]
0x8B1e2420e0d453a718d4b70e3a043263Eab77851	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0xd3CD21893eE93f0968bAdC0Abd961bCCED30E248	0x00000000000000000000000000000000	No Owner()
0xE91dDD69FA6c79C60C4b1BB6e9217ED1B2FA506a	0x00000000000000000000000000000000	No Owner()
0x80ce7f0d9A9b8102d70a6D0f7EC4a64CC70B30A6	0x00000000000000000000000000000000	No Owner()
0x0b05Ae254B0B3Ce97aa1f92b8197c5703584F046	0x00000000000000000000000000000000	No Owner()
0x627efaAAB9B63e8d1Bd6AEe676b8F68F9F5A71C8	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x8Fe7d80De1E4Ef8f35f21B3dd5bdf82e6171Dc6e	0x00000000000000000000000000000000	No Owner()
0x8b912ba433EFbA3Ac0000241b558f3aa05F912f3	0x00000000000000000000000000000000	No Owner()
0x252CBa65Dcea20dea4c97257107A20b80147566c (UniPoolFactory)	0x00000000000000000000000000000000	No Owner()
0xd90772d8C84073eEbC32f126Ca61a35Da68A285b	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x7A4336CfD6aC891A39bD07f518954635C28937E2	0x00000000000000000000000000000000	No Owner()
0x5Be95453763Fd88109236BAB8cB015A019633d4F (FraxBorrowIndexTUP)	0xa9Ca8462aB2949ADa86297904e09Ab4Eb12cdCf0(MUTLISIG ADMIN) [Expected]	0x431290dF15777d46174b83C9E01F87d7b70D3073(Obsoleted Proxy contract) [Expected]
0xE8F2499Bd23B38EE9f65438a43563a35e3d82752	0x00000000000000000000000000000000	No Owner()

0xeb9ceE7487C1d6491E3b0D F8374C5a3d178cb1F9	0x000000000000000000000000 000000000000000000000000	0xDfA6706FC583b635CD6daF0E3915 901A2fBaBAaD(MULTISIG OWNER) [Expected]
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Avalanche Result

Contract Address	Admin	Owner
0x843A5203f14c9A2451519395 550Df80f1AB1f538	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MULTISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x322A76B223F3a5d605Aa95 88D8e1C4FAf9B94c28	0x000000000000000000000000 000000000000000000000000	No Owner()
0xdFef865EF5901b590B45128 E0cFDCf7f505BfEEc	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MULTISIG ADMIN) [Expected]	0x431290dF15777d46174b83C9E01F 87d7b70D3073(Obsoleted Proxy contract) [Expected]
0x2e0C300e0Dc2990d1C40b4 655677baFD3dBe7415	0x000000000000000000000000 000000000000000000000000	No Owner()
0x7865FAe86d0E876D26D934 9B92732298DD6F690e	0x000000000000000000000000 000000000000000000000000	No Owner()
0xf8009652854D501F93cBF2d B7A2fa2dCfeB00125	0x000000000000000000000000 000000000000000000000000	No Owner()
0x565Fd824c52014b8FC48Dd 74508c256F4916C00A	0x000000000000000000000000 000000000000000000000000	No Owner()
0x3B963b73561adEC65b51E73 0A8bCB153Bc066AC3	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0xCA60C5D2ee1F9C79C92A9 D5831DC22cCc291b5f5	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xC8E3750D97deA029ec0a79 0f7c8079d1B59C8711 (UsdcBorrowIndex)	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x7789BFf818C051c48e7EBA3 550D72AC9bE2fCAF7	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0xa9957242E0704115491ae358 818084F682F0C2B2	0x000000000000000000000000 000000000000000000000000	No Owner()

0x65602433458f95A6c57477C03fd18F6d52A6E5f6	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x3d85B55CB005D2D5D499b531D9d60150f0d5a630	0x00000000000000000000000000000000	No Owner()
0x44F6aEAAC8C784fEe06cdc6eF9CeCE63423c50d4	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x3d23F512d46317ea0bc6911b57395ca9EC6B9278	0x00000000000000000000000000000000	No Owner()
0x834c1b749528f9F65969918a743dD74Aa869e344	0x00000000000000000000000000000000	No Owner()
0xba819E77E4e822E063Cbb0399c7C6E21A28Ae098 (DepositSwap)	0x00000000000000000000000000000000	No Owner()
0x8E25d18B00E28d509037B2e3716BD8F78b358450	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x8573766978f0073Fa9F50553F7faf7528AF0d808 (SteakHutFinanceFacet)	0x00000000000000000000000000000000	No Owner()
0xd0E64464D32bB77E0D16a0dba52d797A81441c6E	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0xa0C263d7EC93343204d668B142ecee814b818639	0x00000000000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x771B8299ec07Ae868fCd6C2bD76718F0f1BB4901	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xba1EBabFFb5EeE6C875c07DCA875469Fb7E43E42	0x00000000000000000000000000000000	No Owner()
0x83BC67dF4ffCb86a1388B39372a7af96e6655819	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x2382a00dA008042238139Eb7F660f35F102B2406	0x00000000000000000000000000000000	No Owner()
0xB2A70C2367E2F9B9A08aC0ad5Eb7452C22Ac4368	0x00000000000000000000000000000000	No Owner()
0x2Eb1Faca333Ef0f09DE45d3d3279C5dAD43718b6	0x00000000000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]

0xb605a086df2e9DA778F854 0c7A05c2F3f20775a	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0x280027359Db03B38A2c765 a49457b5D02208e90d	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0xaA99fced8EAEc8e52dbE8E5 A732fbC0b5e73cAcF	0x00000000000000000000000000000000 00000000000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xe5E104F96DA25b627D9ABd 33BE485987fb0C040C	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0x3E273bcc448d22b9329a56d a3a91ace1B57e7D04	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0x35Eaaa96535104fAf16C0c75 99E4c16a4078B047	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0x8Fc17673C59643319F4f6eDb fEf8D48D0c83cfCF	0x00000000000000000000000000000000 00000000000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x9aA92046EbB50711C158C08 9c56e60D2491Ca705	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0x6F8e87538aAcC12E4a50f13b 45F19c248561450E	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xeD7AB45E70C30a9aE1E7F61 4Cc39e52ff9eeDaFa	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0x54709248a802BCe88190aDf 0fE4C2a910eaA8f77	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0x96312A6d3B45Bf4dff92Bb39 D793A3ee1a5CD1C4	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()
0x797281E1FEc9CcEeA73d3E9 912021f4f83545c18	0x00000000000000000000000000000000 00000000000000000000000000000000	0x00000000000000000000000000000000 00000000000000000000000000000000
0xB4307ab9Ade97E33B3300F C54Ae15433Db39E8bc	0x00000000000000000000000000000000 00000000000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xAC6b05c13A36f95Df9A8C63 5274498EF412312A4	0x00000000000000000000000000000000 00000000000000000000000000000000	0x00000000000000000000000000000000 00000000000000000000000000000000
0x2916B3bf7C35bd21e63D01C 93C62FB0d4994e56D (SmartLoanDiamondBeacon)	0x00000000000000000000000000000000 00000000000000000000000000000000	0x5C31bF6E2E9565B854E7222742 A9a8e3f78ff358(Timelock24h) [Expected]
0xfebEdc42aAF39D6068A9b8 5EA6c2cD5506A83bC1	0x00000000000000000000000000000000 00000000000000000000000000000000	No Owner()

0x82EA19989CB775D7914c06fFe3A5d996a6FE4435	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xAf9739859860B95260acc5e77d8243bE3d40E84A	0x00000000000000000000000000000000	No Owner()
0x8ac99285147fDF07DB9b24e5Bde2609457931666	0x00000000000000000000000000000000	No Owner()
0xc9B7e49535aa5326FE96dD23Eea2849f33A79E9c	0x00000000000000000000000000000000	No Owner()
0x3eb97259ACE735304b7147AEc60BB4FD9AE52A3d	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x6588efDB6E972484fde1a1E7d9930a3c11609eF8	0x00000000000000000000000000000000	No Owner()
0x8DdBaf0B033246d8116b34478eDa0Da2Ff8BD6a3 (SolvencyFacetProdAvalanche)	0x00000000000000000000000000000000	No Owner()
0x94464c5Ddd4CF336626cB7343ceffa36CDbF3fA7	0x00000000000000000000000000000000	No Owner()
0x03EfC13D0e7dd03167e03B2a56f7994655971c61	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x29a8232Bab72BbD88CDE745169498C544DA201e6	0x00000000000000000000000000000000	No Owner()
0x3eD98939d7B6AF714aD350F1CEe43a786D0b97bE	0x00000000000000000000000000000000	No Owner()
0x9289D0B4A3723b6F69b03e79fE9BfC79982764b8 (vPrimeControllerUP)	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x1f6798f8A9554cEb3155e184F07B7E01a9912538	0x00000000000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x908444AEd857D3c5e079d863cBC3379A248D9942	0x00000000000000000000000000000000	No Owner()
0x9208c806A27caC323b0E55a64EBFE857d9F08Dc1	0x00000000000000000000000000000000	No Owner()
0x5236b77da5836AeDCbEFB301e7F07B507d216db6	0x00000000000000000000000000000000	No Owner()

0xA68a128aE160D89229AD52 0aD55b4827279C0c7f	0x000000000000000000000000 000000000000000000000000	No Owner()
0xbAdC83c88D486FB919E5E4 360F96954c1b4a52E1	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0xf652b8563940cB4Cb95cE8 A91d2b3313Df6f5035	0x000000000000000000000000 000000000000000000000000	No Owner()
0x28739d2A05D754b51F3441c BF64d4D2635ccfABC	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x3165edb27d667D8782d3D3F f09C8dF3A552A102b	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x73429B9cB068ef1b2E69069 3cb6F34d78721a5bf	0x000000000000000000000000 000000000000000000000000	No Owner()
0x86DE3bbBAe90B8567B2E5a 9d4EEe36f22E23862d	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x5F914eDE04B3DAaE920d7B Occ48003f18dBdDf09	0x000000000000000000000000 000000000000000000000000	No Owner()
0x187AE5fe867D30399c82571 CfE88c131AF213161	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x569da6735abA128AbaFBA3 5811340Fb5B5c147e7	0x000000000000000000000000 000000000000000000000000	No Owner()
0x2412BC40CB51A533fBfDc23 14d86D7C31Fcbe8F9	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x2d155c0ACa7169991492569 A5C59AFE3D714a6bd	0x000000000000000000000000 000000000000000000000000	No Owner()
0x554Da9108d3263Cfd593DF6 9c0a129Aa6bA1eA7e	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x431290dF15777d46174b83C9E01F 87d7b70D3073(Obsoleted Proxy contract) [Expected]
0xFF91e2d38866596Ce6dd45 6f7C41E250bC67104	0x000000000000000000000000 000000000000000000000000	No Owner()
0x066F8649e38AD55d37799a 9248509faA0D890895	0x000000000000000000000000 000000000000000000000000	No Owner()
0x811777554231fDb5f1E1B4Dc eB826b4BB82DE79	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x5c8DC4634F59A99d420ceC cB00f7c7f44267459F	0x000000000000000000000000 000000000000000000000000	No Owner()
0x53AdcEb6C3af9e3a2Fddc07 22Ea62f9B4E179Ae9	0x000000000000000000000000 000000000000000000000000	No Owner()

[illegible]

0x0809c26252463DAC18cb09 FD2FfA7665E60E5CE9	0x000000000000000000000000 000000000000000000000000	No Owner()
0x720C05A1d4c69eF8CbdE9e Ab47B2af905D0c5D33	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x6715e7768b6a9C523046407 E0354a21bB17acb39	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xF8d1b34651f2c9230beB9b83 B2260529769FDeA4 (DeltaPrimeBorrowAccess (DP-BA))	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xF825b47779548f4Ef4D21De 4c6ACA8Df5B2e31f	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x1396D82800aE1BE1e8aDB69 72593aceC6cc9a21e	0x000000000000000000000000 000000000000000000000000	No Owner()
0x66f3d42F92aBaDF2b428efF 6D4a0CD33e57B52bA	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x13652F4a37235293a90a1dE 5B878c9435EAf4c58 (PositionManager)	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x8d6e1509a1F1DB5F524D880 b48176aB3d7e4cecE	0x000000000000000000000000 000000000000000000000000	No Owner()
0xB6d0f352a916D7569323891 988E46781656ecb3b	0x000000000000000000000000 000000000000000000000000	No Owner()
0x6E41532bB8D1637a8F3D828 aff816d49816D2aA4	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x175451C43965D555B099af6 a7f94c51010255521 (DeltaPrimeWrappedAVAX (DPWAVAX))	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x9C187688A14ba8EA67EA1D3 e80Ca5aEE8c6cfE3D	0x000000000000000000000000 000000000000000000000000	No Owner()
0x8FE3842e0B7472a57f2A2D5 6cF6bCe08517A1De0	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x911fD4E2C291Bc06C7e581a4 a796CE9bDB9094E3	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x7AB06595Be4417f55feEf883 20E3f4D198c4faC8	0x000000000000000000000000 000000000000000000000000	No Owner()

0xd38C5cEca20Fb43503E108e d8d4CaCA5B57E730E (sPrimeUP)	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xFEff079984F30474CfFe73e6 50e79074C239D1EB	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0x476df001a8c6058c4c80993 0c5D441E6bBE313Cb	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x6F8e87538aAcC12E4a50f13b45F1 9c248561450E(Obsoleted Proxy contract) [Expected]
0x9523615C15d3743Cb3198B4 464048B064f1530B2	0x000000000000000000000000 000000000000000000000000	No Owner()
0x36dF235a552Ae3FB47a0d9 a74Ea3368a42cF7A23	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xb2b0c5cb04cE702AE105f07 7f710A9888AeEbb52	0x000000000000000000000000 000000000000000000000000	No Owner()
0xc4A23bA91809F77A813fcCa3 3Ebf92F0fBB63c4F	0x000000000000000000000000 000000000000000000000000	No Owner()
0x182F2cd6194a48BD7b7C760 A583f1bFB6703d5BA	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0xfdE54fbd7A52254C872DdDa F9CB4f0aE44c41550	0x000000000000000000000000 000000000000000000000000	No Owner()
0x77CEBBC39677b660cAE819 641D5D3c0272d6167f	0x000000000000000000000000 000000000000000000000000	0x000000000000000000000000 000000000000000000000000
0xc0B6dF2CD5e66D18486e9c 518e922f725405f676	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x4eEcb72b47a32786e08581D 6226e95d9AE3bB1Af (TraderJoelIntermediaryTUP)	0x44AfCcF712E8A097a6727B48 b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x7582B67473fa269Ec306Cd2 e87F6f3CC7444163D	0x000000000000000000000000 000000000000000000000000	No Owner()
0x78445148c50bc9eA61F3820 454ef365Ab516d676	0x000000000000000000000000 000000000000000000000000	No Owner()
0xEb1e902f8297E46F823ff0B2 365505ec833232Cb	0x000000000000000000000000 000000000000000000000000	No Owner()
0x1eFb45f021340e137616270f6 F566E00dF8C9895	0x000000000000000000000000 000000000000000000000000	No Owner()

0x34cb5Fc3b28215713682De95DAF2b00a4619Db03	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xaB764b1E960E346a7f5c8CC92D5750D0F0782aD2 (DepositIndex AVAX)	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]	0xD26E504fc642B96751fD55D3E68AF295806542f5(WavaxPoolTUP) [Expected]
0x80a695eb5a8a2446a6b2bA2edecA483A298c685b	0x00000000000000000000000000000000	No Owner()
0xEFF02Cb31d718eB5C09b130684a4BF3460eF4268	0x00000000000000000000000000000000	No Owner()
0x274ae5A0Dab6A0e059E7a45A5227B1A947BC7054	0x00000000000000000000000000000000	No Owner()
0xa82A6B265F89e2d0aEC2C3bAa4C7b88e7E1ba447	0x00000000000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0xa31316625eB85bAFa44F9183E01038a1Ba12d39B	0x00000000000000000000000000000000	No Owner()
0x483ea73F891525a62bEe36de6A2f25C425A331Bb	0x00000000000000000000000000000000	No Owner()
0x5acB06C57638b71840BC3FE5a3Fef044fDd4Cd4E	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x6afaF643b3dd60C22BBBECfd611631f7B5a56D25	0x00000000000000000000000000000000	No Owner()
0xb2c4b9206988E160B55Eb9C9e29b7A9ab6A22CFC (DiamondLoupeFacet)	0x00000000000000000000000000000000	No Owner()
0xA8571fD83e8fE286a0773e5397B62B7452c7F8b1	0x00000000000000000000000000000000	No Owner()
0xAC3A92f7DA424a7146f73fE63eB8555336804aBA	0x00000000000000000000000000000000	No Owner()
0xF3978209B7cfF2b90100C6F87CEC77dE928Ed58e (TokenManagerTUP)	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x5d3E1eC30C7Da51600722b881525C7288BE2dAC6	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x9fD0bACBBC9634cd2da6fD7101BB5be517Cc05Fd	0x00000000000000000000000000000000	0x00000000000000000000000000000000

0x7C4E79831F56B1548e2347E480377e74A6A8456C	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x034db1042fE58E795cF3f89C391443B2af97673d	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x00000000000000000000000000000000
0x0764604D8784457aC6807071AA558EDD4fA46C4F	0x00000000000000000000000000000000	No Owner()
0x9A797267025D06CD3866866152d770A5825EB738	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x2A634bD4c21DD01793668F03E2fAd28980b26A30	0x00000000000000000000000000000000	No Owner()
0x45E457Dc85eC7D611a05aeC2Fbab03807aAe699c	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x994F4216769C4d9CC6A3dd80A9141Ba45Df4DAf (BTC Rates calculator)	0x00000000000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x79cebea06ed3eDEEC43256c7F8cE96fEBBB084E4	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x88DDadDAD546e733B1EaB4fD9146a18E25C25991	0x00000000000000000000000000000000	No Owner()
0x244e3fD22B2F0BDb2b59F4d781a9762F641cCbA1	0x00000000000000000000000000000000	No Owner()
0xa8fE94625619Eb61098e414A0bE123d4ef809540	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x55c2b0fE18C66bd0AD59c28FB5a1322734F69670	0x00000000000000000000000000000000	No Owner()
0x1C9776CFD6469702a17f8bDC4604aCffA862c69b	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0x9884146A8f0dFCf96d4e6cDd98A091dC139A9D12	0x6855A3cA53cB01646A9a3e6d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x00000000000000000000000000000000
0xC7EEb62E033a4f6bf78d6455b91Ec9FDF328B235	0x00000000000000000000000000000000	0x00000000000000000000000000000000
0xe29E0fC62dbACF84f6D14DfEA0C11FA44eed796E	0x00000000000000000000000000000000	No Owner()
0xD55e057F233fA3D82ac2b9D5Fe8497124a352426	0x00000000000000000000000000000000	No Owner()

0x7201e8cB96fF5bDfa69377f2 F29a21027FF7dBB1 (BorrowIndex WAVAX)	0x44AfCcF712E8A097a6727B48 b57c75d7A85a9B0c(MULTISIG OWNER) [Expected]	0xD26E504fc642B96751fD55D3E68 AF295806542f5(WavaxPoolTUP) [Expected]
0xD8D295C53A59b44f29d3B6 A5D7b9c3fF9fA9061e	0x000000000000000000000000 000000000000000000000000	No Owner()
0xdEc722Ed306688840dD5f15 3cA74aFAD18aA18dd	0x000000000000000000000000 000000000000000000000000	No Owner()
0x97564E612887090ff7E88215 3460B24C1B88979D	0x000000000000000000000000 000000000000000000000000	No Owner()
0xF5952b41c1ED1B2AF3E5BF3 411a620951D1e5fE	0x6855A3cA53cB01646A9a3e6 d1BC30696499C0b4a(MUTLISIG ADMIN) [Expected]	0x44F6aEAAC8C784fEe06cdc6eF9C eCE63423c50d4(Obsoleted Proxy contract) [Expected]
0x9Eb88975eD681Ae7c93c20b 54E579615Fd37898d	0x000000000000000000000000 000000000000000000000000	No Owner()
0xAe7e1d8F0578Cd4112EEe3D b8D98d655cC97aE51	0x000000000000000000000000 000000000000000000000000	No Owner()
0x686a0691Dd732Db1E8fA27F 96AF56B1fef84D0D2	0x000000000000000000000000 000000000000000000000000	No Owner()
0x10aaEfc8787A41F7Ee44cB03 2859d1F412104c71	0x000000000000000000000000 000000000000000000000000	No Owner()
0x250867a3a4e7b4C048B55A 96aEA8dc62c7Ec0E0d	0x000000000000000000000000 000000000000000000000000	No Owner()
0x3d0cc903a86BA7c99A43a3 8bF7a96A3403aE6887	0x000000000000000000000000 000000000000000000000000	No Owner()
0xe31B515f77c84D8E35FAf831e f69bea3ac237281	0x000000000000000000000000 000000000000000000000000	0x44AfCcF712E8A097a6727B48b57c 75d7A85a9B0c(MULTISIG OWNER) [Expected]
0x2670780C12BC213e3dea481 54f55B666309cfde7	0x000000000000000000000000 000000000000000000000000	No Owner()
0x546BEDa08413BcbcABC583 33A745FbDC6461Ee3e	0x000000000000000000000000 000000000000000000000000	No Owner()

Note: The contract addresses with red colors are paused when the review is performed.