

Admin Functions for the \$SCALE Contracts

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GibHub Repo for \$SCALE <https://github.com/jcroylegithub/SCALE>

Two audits for \$SCALE <https://github.com/jcroylegithub/SCALE/tree/main/audits>

Admin Functions SCALE:

Admin Key	Purpose	Range / Min-Max Values	Access
startPresale()	Starts the Mint phase for SCALE tokens.	N/A	Callable once
finalizePresale()	Ends the Mint and distributes TitanX.	N/A	Callable once
purchaseTokenForLP()	Purchases ecosystem tokens for LP allocation.	N/A	Callable until all tokens are purchased. Then locked
purchaseDragonXForBuyBurn()	Purchases DragonX tokens for BDX Buy & Burn contract.	N/A	Callable until all tokens are purchased. Then locked
deployLiquidityPool()	Creates a liquidity pool for SCALE paired with another token.	N/A	Callable 5 times. 1 per each ecosystem token
claimDust()	Claims leftover tokens (dust) after all TitanX swaps have been performed.	N/A	Callable once
excludeAccountFromReflections()	Excludes an account from receiving reflections.	N/A	Callable anytime
includeAccountToReflections()	Re-includes an account to receive reflections.	N/A	Callable anytime
setPurchasesRequired(uint8)	Sets the number of purchases required for each token. (Used in purchasing tokens for LPs and BDX Buy & Burn	1 - 50	Callable anytime before finalizePresale() is called
setDragonXVault(address)	Sets the address of the DragonX Vault.	Must be a valid address	Callable anytime

setHeliosVault(address)	Sets the address of the Helios Vault.	Must be a valid address	Callable anytime
setDevWallet(address)	Sets the address of the Developer wallet.	Must be a valid address	Callable anytime
setMarketingWallet(address)	Sets the address of the Marketing wallet.	Must be a valid address	Callable anytime
setSHED(address)	Sets the address of the SHED contract.	Must be a valid address	Callable anytime
setBDXBuyBurn(address)	Sets the address for the BDX Buy & Burn contract.	Must be a valid address	Callable anytime
setMerkleRoot(bytes32)	Sets the Merkle root for minting bonuses.	Root cannot be 0x0	Callable anytime
setReflectionFee(uint16)	Sets the reflection fee in basis points (bps).	150, 300, 450, or 600 (1.5%, 3%, 4.5%, or 6%)	Callable anytime
setIncentiveFee(uint16)	Sets the incentive fee in basis points.	30 - 500 (0.3% to 5%)	Callable anytime
setMinReserveDistribution(uint256)	Sets the minimum size of the Reserve distribution.	100 to current maxReserveDistribution	Callable anytime
setMaxReserveDistribution(uint256)	Sets the maximum size of the Reserve distribution.	Current minReserveDistribution to Total Supply of SCALE	Callable anytime

Admin Functions SHED:

Admin Key	Purpose	Range / Min-Max Values	Access
distributeReserveFund()	Distributes reserve fund to BDX Buy & Burn, reinvestment, and future rewards.	Total allocation percentages must ≤ 10000 (100%)	Callable anytime
setAvailableMinerTypes()	Sets the array of miner types (lengths) available for deployment.	Total Miners: min 4 - max 20. Each miner: min 1 day, max: 88 days	Callable anytime
setMaxPerMiner()	Sets the maximum TitanX allocation per miner.	Must be greater than 0	Callable anytime
setBDXBuyBurn(address)	Sets the BDX Buy & Burn contract address.	Must be a valid address	Callable anytime

setFutureRewards(address)	Sets the Future Rewards wallet address.	Must be a valid address	Callable anytime
setClaimPercentages()	Sets the percentages for reinvestment, BDX Buy & Burn, and SHED Reserve during claims.	Total allocation must equal 10000 (100%)	Callable anytime
setSecondsAgo()	Sets the lookback period (in seconds) for TWAP price calculation.	Must be greater than 0	Callable anytime
setDeviation()	Sets the allowed price deviation for TWAP checks, in basis points.	1 - 10000 (0.01% - 100%)	Callable anytime
setIncentiveFee()	Sets the incentive fee in basis points.	30 - 500 (0.3% to 5%)	Callable anytime
activateSHED()	Activates the SHED contract, allowing miner deployment.	Requires available miner types to be set	Callable once