

## Proposed changed terminology

# Glossary

Term	Definition
ABI	Application Binary Interface. The public-facing, callable endpoints of a smart contract
Block	An addition to the ICON distributed ledger that may be validated. Consists of transactions
Block Production Rate	The amount of blocks that ICON network produces in a period of time
Blockchain	A series of validated transactions that guarantee computational events to occur logically and securely
Blockchain A <i>[old term]</i> / Source blockchain	Starting location of a transaction on the blockchain
Blockchain B <i>[old term]</i> / Sink blockchain / Target blockchain / Destination blockchain	Ending location of a transaction on the blockchain
Blockchain Transmission Protocol (BTP)	Decentralized, trustless interoperability solution
BTP 1.0 <i>[old term]</i> / ICON Bridge	Centralized blockchain interoperability solution
BTP Message Center <i>[old term, no abbreviation]</i> / Message Broker	Links service handler, light node, and relay. Passes message from service handler to light node
BTP Message Verifier <i>[old term, no abbreviation]</i> / Light node / Light client / Message Verifier	Maintains destination blockchain state on source blockchain. Passes state headers to relay
BTP Service Handler <i>[old term, no abbreviation]</i> / Service Handler	Endpoint that the user queries to bridge assets
BTP Message Relay <i>[old term, no abbreviation]</i> / Relay	Passes messages from source to destination blockchain
Call	An action that takes place within a transaction
Citizen <i>[old term]</i> / API Node / API Endpoint	Transaction/ABI endpoints for ICON network. Used to get information or relay information to Public Representatives. Typically representing an end-user that has services running on or in support of the ICON network
Contribution Proposal	Projects that would benefit the ICON ecosystem to be supported by public representatives and discussed by the community at-large. Funding for these projects comes from a percentage of

	network rewards
Contribution Proposal System	Decentralized grant program operated by ICON delegates
Currency Exchange / Token swap	Service for trading currency from one type to another, which may include cryptocurrency
Decentralized Application (dApp)	Application on a distributed network run by multiple independent operators. Typically refers to applications that operate on or make use of a blockchain
Decentralized	In the context of computer programs, decentralized refers to the notion that it includes a component that is run on many different computers and by many independent operators for the purpose of servicing a user
Delegated Proof of Contribution [ <i>deprecated</i> ] / Delegated Proof of Stake	A decentralized blockchain validation protocol whereby a group of delegates validate blocks on behalf of all nodes in the network. Validators stake a significant amount of currency to prove that their validations are legitimate at the risk of losing the staked currency
Delegation	Contribution of voting power towards a delegate / validator candidate
End-user	Person. A type of user that is either a person or a group of people
Governance	A system for making and enforcing decisions
Governance Variable	Network parameters including voter reward rate, public representative reward rate, contribution proposal system reward rate, and monthly inflation
Grant	A monetary gift, where the recipient is typically expected to pursue some pre-defined goal with the money received
ICE & SNOW	Polkadot parachain and Kusama canary-chain for ICON network. EVM-compatible. Can be used to write ICON smart contracts in Solidity
ICON Network	Merkle-tree-based, decentralized, public blockchain for running cryptographically secure computations
ICON Improvement Proposals (IIPs)	Standards for the ICON platform, including core protocol specifications, client APIs, and contract standards. Including ideas for new standards
ICONist [ <i>old term</i> ] / Community member	ICON community member
ICX Token	The cryptocurrency that is used to govern the ICON blockchain, and pay for transaction fees for decentralized applications on ICON Network

Ledger	A list of transactions maintained by a bookkeeper. In the context of cryptocurrency, often synonymously used with “blockchain”
Machine-user	Service that connects to another application. A type of user that acts on behalf of an end-user
Merkle Tree	Computational structure for ensuring that computational events happen in a specific, logical order
Merkle Tree Accumulator	Queue of concatenated merkle tree roots with cached hashes that can verify the inclusion of a given hash
Native coin	A blockchain’s inherent digital currency
Network	Collection of linked computers running services that interact with each other
Network Proposal	Changes to the ICON network to be decided upon by public representatives and discussed by the community at-large
Node	Computational service running in support of the ICON network that can either be an API Endpoint or a Delegate / Validator
Public Representative (P-Rep) <i>[old term]</i> / Delegate / Validator Node	Block validator for the ICON network. Transaction processors for operations that change the state of the ICON network. Typically representing an end-user group that has made important contributions to the ICON network. Typically encouraged to incentivize the at-large ICON Community for participation and to help increase the value of the ICON network
Receiver	User that gets tokens during a transaction
Relay operator	Party that transfers messages between blockchains
Representative Term <i>[old term]</i> / Validator Term / Delegate Term	The period of time that a delegate is voted to their position
Sender	User that gives tokens during a transaction
Smart contract	Blockchain-integrated code for maintaining and interacting with data in a trusted, distributed database
Smart Contract On Reliable Environment <i>[old term]</i> / ICON Smart Contract Framework	Smart contract framework for ICON
Staking	Locking up tokens in contribution to a blockchain entity. Typically staking yields rewards
Staking Rewards	Currency yield earned by locking up tokens in contribution to a blockchain entity
Standard Developer Kit (SDK)	Standard developer kit. Allows for programmatic interaction with the ICON blockchain

Token	Blockchain's non-native, third party currencies
Transaction	An action that represents a user calling the ABI of a smart contract
User	Parties that interact with the blockchain. Senders and receivers in a transaction. Token holders. Includes end-users and machine-users
Voting	In a general context, tallying the preferences of a userbase in order to make a decision. In the Delegated-proof-of-stake context, using staked tokens to provide block validation for newly created blocks
Wallet	In the context of cryptocurrency, a storage service for cryptocurrency
Whitepaper	Peer-reviewed, technical explanation of protocols or systems. May also colloquially refer to original paper introducing ICON network
Yellowpaper	Non-peer-reviewed, technical explanation of protocols or explanations