About Livepeer（LPT）

Original:
https://www.btcc.com/en-US/markets/Livepeer-USD

Livepeer is an Ethereum based protocol that distributes video transcoding in its decentralized network. The protocol is designed to provide a cost-effective, secure and reliable infrastructure that can handle today's high demand for video streaming.

Livepeer is an extensible platform as a service (PAAS) for start-ups and organizations that want to add live or on-demand video to their products. At its core, liverpeer is a video transcoding protocol based on Ethereum, which refers to reformatting the video to adapt to various bandwidths and devices.

Livepeer aims to make streaming media more reliable and reduce costs. As a decentralized market, it allows developers to build applications that integrate real-time video and transcoding providers. The native token of the network is the Livepeer token (LPT).

At its core, Livepeer seeks to provide a scalable and cost-effective infrastructure solution to meet today's streaming media needs. In addition to accounting for 80% of the Internet bandwidth consumption, the computing cost of video streaming media is also very high, mainly because video publishers must transcode video before playing video.

The resulting costs mean that many video streaming companies have resorted to selling user data and letting users accept advertising to earn revenue to pay their infrastructure bills. Livepeer tries to provide a decentralized, token inspired and open network to replace this model and claims that it can reduce the cost by 50 times compared with the traditional method.

How Does Livepeer Work?

First, a node called a broadcaster sends a video stream to the network for transcoding. These data streams are received by orchestrators – these users contribute their computer's CPU, GPU and bandwidth to the network in exchange for the Ethereum (ETH) fees charged to broadcasters. To be a coordinator, you must know how to bet on Livepeer. As a coordinator, if your behavior is malicious or sub optimal, your LPT shares may be reduced.

As the coordinator, the coordinator is responsible for ensuring that the video is transcoded correctly. They send the video to the transcoder hardware, which encodes and reformats the video, and then sends it back to the coordinator. The work is allocated to the coordinator in proportion to the number of LPTS they have.

The transcoder that performs work is usually the GPU that is mining digital currency, but during the mining process, there happens to be an ASIC for video coding idle. Livepeer enables these ASICs to be put into use, generating additional revenue for operators without affecting their mining business.

If you are an LPT holder and do not want to participate as orchestrator or transcoder, you can pledge your LPT token to orchestrator in exchange for some of the rewards and fees earned by orchestrator.

Livepeer Token (LPT)

LPT is designed as a coordination and incentive mechanism to help keep the network as low-cost, reliable and secure as possible. As a binding mechanism, it encourages the coordinator to act honestly economically, so as to ensure the security of the network.

The new Livepeer token is minted at the end of the phase known as the “round” and distributed proportionally to the shares of the representatives and coordinators. The goal is to give those who participate in Livepeer more ownership of the network than those who do not. A round is about 24 hours. The inflation rate of LPT will be automatically adjusted according to the number of tokens in the total supply in circulation. This aims to keep the participation of the network at an ideal level.

Livepeer’s decentralized architecture provides a way for video broadcasters to replace the expensive centralized infrastructure they traditionally rely on. However, broadcasters are not the only stakeholders benefiting. Livepeer’s model enables video streaming media companies to explore new business models that do not rely on selling user data and providing advertising – creating a better experience for consumers.

Similarly, Livepeer predicts that its technology can make various new services possible, such as pay as you go content consumption and better creator economic streaming media applications, creating better consistency among content creators, consumers and the platform itself. Livepeer also provides a long-term decentralized solution to embed video into decentralized applications (dapps).

Cryptocurrency Price Prediction

Avalanche (AVAX) Price Prediction
Cardano (ADA) Price Prediction
Ethereum Classic (ETC) Price Prediction
Chainlink (LINK) Price Prediction
Dogelon Mars (ELON) Price Prediction
Ripple (XRP) Price Prediction
XRP Price Prediction
Solana (SOL) Price Prediction
Ethereum Price Prediction
Bitcoin (BTC) Price Prediction
Litecoin (LTC) Price Prediction
Polygon (MATIC) Price Prediction
Dash (DASH) Price Prediction
STEPN (GMT) Price Prediction
Bitcoin Cash (BCH) Price Prediction
Stellar Lumens (XLM) Price Prediction
Yearn.Finance (YFI) Price Prediction

Waves (WAVES) Price Prediction
Bitcoin SV (BSV) Price Prediction
Filecoin (FIL) Price Prediction
Optimism (OP) Price Prediction
Tron (TRX) Price Prediction
ConstitutionDAO (PEOPLE) Price Prediction
EOS (EOS) Price Prediction
Gala (GALA) Price Prediction
Enjin (ENJ) Price Prediction
MANA Price Prediction
The Sandbox (SAND) Price Prediction
Immutable X (IMX) Price Prediction
Axie Infinity (AXS) Price Prediction
Flow (FLOW) Price Prediction
Galxe (Previously Project Galaxy) Price Prediction
Mask Network (MASK) Price Prediction
ApeCoin (APE) Price Prediction
Ethereum Name Service (ENS) Price Prediction
1inch Network (1INCH) Price Prediction
Curve Dao (CRV) Price Prediction
dYdX (DYDX) Price Prediction
PancakeSwap (CAKE) Price Prediction
Uniswap (UNI) Price Prediction
Terra Luna Classic Price Prediction
Algorand Price Prediction
Fantom (FTM) Price Prediction
Celo (CELO) Price Prediction
Blur Price Prediction
Mina Protocol (MINA) Price Prediction
Near Protocol (NEAR) Price Prediction
Toncoin (TON) Price Prediction
Qtum (QTUM) Price Prediction
Internet Computer (ICP) Price Prediction
Polkadot (DOT) Price Prediction
Aptos (APT) Price Prediction
Cosmos (ATOM) Price Prediction
Neo (NEO) Price Prediction
Binance Coin (BNB) Price Prediction
Shiba Inu (SHIB) Price Prediction
Alchemy Pay (ACH) Price Prediction
Conflux (CFX) Price Prediction
Core DAO (CORE) Price Prediction
Arweave (AR) Price Prediction
Synthetix (SNX) Price Prediction
Measurable Data Token (MDT) Price Prediction
Adventure Gold (AGLD) Price Prediction
Arbitrum (ARB) Price Prediction
Aragon (ANT) Price Prediction
MultiversX (EGLD) Price Prediction
ETHPoW (ETHW) Price Prediction
Hooked Protocol (HOOK) Price Prediction

Klaytn (KLAY) Price Prediction
LooksRare (LOOKS) Price Prediction
Ren (REN) Price Prediction
Storj (STORJ) Price Prediction
Theta Network (THETA) Price Prediction
Nem (XEM) Price Prediction
Monero (XMR) Price Prediction
Render (RNDR) Token Price Prediction
Ravencoin (RVN) Price Prediction
Zilliqa (ZIL) Price Prediction
Pepe (PEPE) Price Prediction
AiDoge Price Prediction
Sui (SUI) Price Prediction
Floki Inu (FLOKI) Price Prediction
SingularityNet (AGIX) Price Prediction
Stella (ALPHA) Price Prediction
Ankr (ANKR) Price Prediction
ARPA (ARPA) Price Prediction
Astar (ASTR) Price Prediction
Balancer (BAL) Price Prediction
Band Protocol (BAND) Price Prediction
Bella Protocol (BEL) Price Prediction
BinaryX (BNX) Price Prediction
Celsius (CEL) Price Prediction
Celer Network (CELR) Price Prediction
Cocos-BCX (COCOS) Price Prediction
Compound (COMP) Price Prediction
Shentu (CTK) Price Prediction
Cartesi (CTSI) Price Prediction
Civic (CVC) Price Prediction
DODO (DODO) Price Prediction
Open Campus (EDU) Price Prediction
Fetch.ai (FET) Price Prediction
Frax Share (FXS) Price Prediction
Game Fantasy Token (GFT) Price Prediction
GMX Price Prediction
Hedera (HBAR) Price Prediction
Highstreet (HIGH) Price Prediction
ICON (ICX) Price Prediction
SPACE ID (ID) Price Prediction
JasmyCoin (JASMY) Price Prediction
JOE (JOE) Price Prediction
Kusama (KSM) Price Prediction
Lido DAO (LDO) Price Prediction
Linear Finance (LINA) Price Prediction
Liquity (LQTY) Price Prediction
Loopring (LRC) Price Prediction
Maker (MKR) Price Prediction
Ocean Protocol Price Prediction
Radiant Capital (RDNT) Price Prediction
iExec (RLC) Price Prediction

Rocket Pool (RPL) Price Prediction
Reserve Rights (RSR) Price Prediction
SSV Network (SSV) Price Prediction
StarLink Coin Price Prediction
Stargate Finance Price Prediction
StormX (STMX) Price Prediction
Stacks (STX) Price Prediction
Swipe (SXP) Price Prediction
TomoChain (TOMO) Price Prediction
Tellor (TRB) Price Prediction
UMA (UMA) Price Prediction
TerraClassicUSD (USTC) Price Prediction
VeChain (VET) Price Prediction
WOO Network (WOO) Price Prediction
Yield Guild Games (YGG) Price Prediction
0x Protocol (ZRX) Price Prediction
Pepe 2.0 Price Prediction
Bancor Network Token (BNT) Price Prediction
JUST (JST) Price Prediction
Smooth Love Potion(SLP) Price Prediction
Step App (FITFI) Price Prediction
Chia Network (XCH) Price Prediction
Badger DAO (BADGER) Price Prediction
Perpetual Protocol(PERP) Price Prediction
Cronos (CRO) Price Prediction
Biconomy (BICO) Price Prediction
Dora Factory (DORA) Price Prediction
Gods Unchained (GODS) Price Prediction
Sweat Economy (SWEAT) Price Prediction
Flare (FLR) Price Prediction
Moonbeam (GLMR) Price Prediction
Kadena (KDA) Price Prediction
Creditcoin (CTC) Price Prediction
Illuvium (ILV) Price Prediction
Akropolis (AKRO) Price Prediction
Trust Wallet Token (TWT) Price Prediction
Alien Worlds (TLM) Price Prediction
Worldcoin (WLD) Price Prediction
Casper (CSPR) Price Prediction
Aave (AAVE) Price Prediction
Yield Guild Games (YGG) Price Prediction
Api3 (API3) Price Prediction
Optimism (OP) Price Prediction
Livepeer (LPT) Price Prediction

Whitepaper

Official Website