Blockchain types exploration:

I’m exploring Litecoin:  
  
Litecoin is a public blockchain example that fits into the category of permissionless or open blockchains. Here's how it aligns with the characteristics of a public blockchain:

Openness: Litecoin allows anyone to participate in the network as a user, miner, or developer without needing permission. Transactions are transparent and can be viewed by anyone on the blockchain explorer.

Decentralization: Like other public blockchains, Litecoin operates on a decentralized network of nodes that validate and record transactions. This ensures that no single entity has control over the network.

Security: The security of Litecoin's blockchain is maintained through consensus mechanisms like proof-of-work (PoW), where miners compete to solve cryptographic puzzles to validate transactions and add them to the blockchain.

Censorship resistance: Transactions on the Litecoin blockchain cannot be censored or reversed by any central authority due to its decentralized nature. This makes it resistant to censorship and tampering.

Transparency: All transactions on the Litecoin blockchain are transparent and can be viewed by anyone. This transparency enhances trust among participants and ensures the integrity of the network.

Overall, Litecoin exemplifies the characteristics of a public blockchain by offering open access, decentralization, security, censorship resistance, and transparency.

Sources:

<https://litecoin.org/>

https://litecoin.com/en/