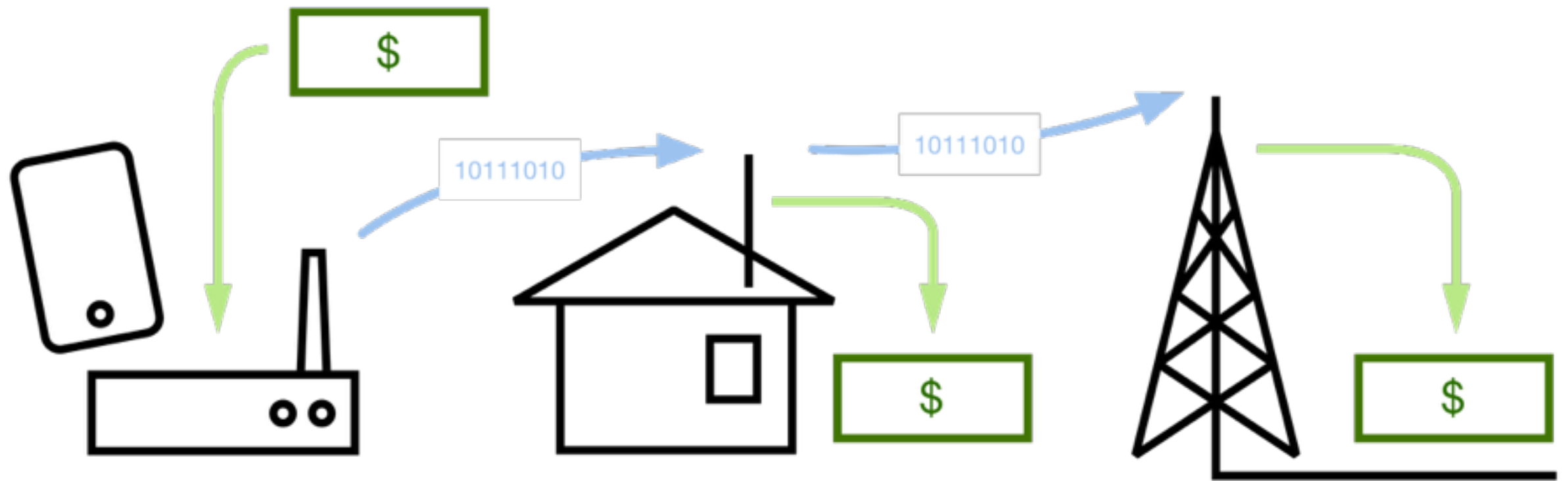


Althea

Incentivized Mesh Routing



End users load up their device or wifi router with blockchain tokens to pay for internet access.

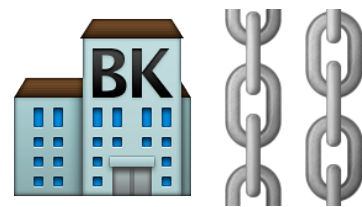
A mesh of rooftop transmitters forward packets. They earn tokens and compete to provide service.

Uplinks act as gateways to the internet, also earning tokens, competing with other uplinks in the area.

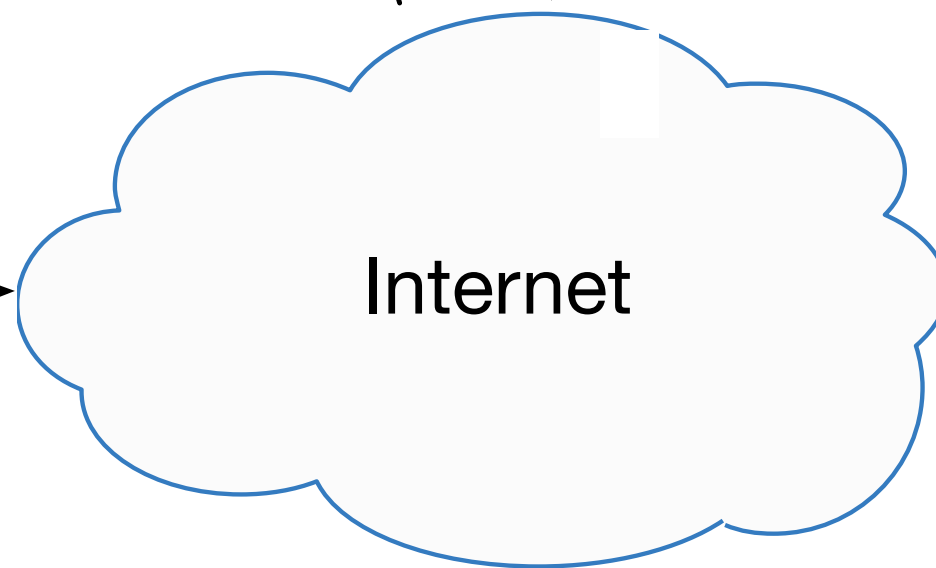
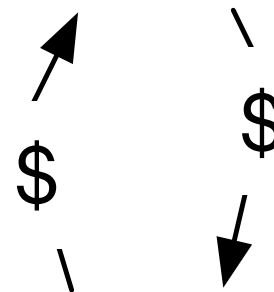
\$\$ Economics \$\$

- **Current model:** If you don't like your internet service, you have to build a whole new network.
 - Buy all the hardware for a whole network, arrange peering agreements, sign up subscribers, etc etc
- **Althea:** You just install a better node in your local area and start competing with the other nodes.
 - Buy hardware that is better than other nodes in your area, peering and routing is taken care of, collecting money is taken care of.

Conventional payment



Bank or blockchain

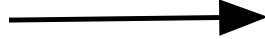


Internet

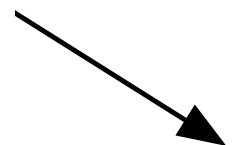


Alice

\$

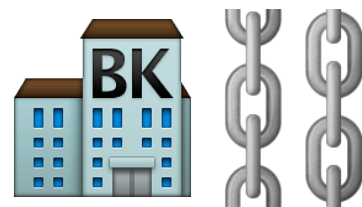


\$



Bob

Payment channel

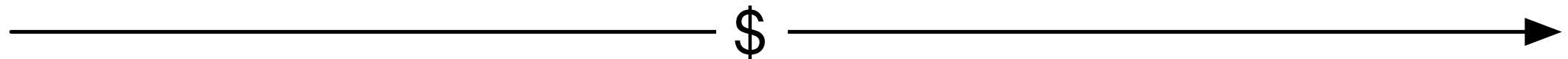


Bank or blockchain

(holds money in escrow, not involved
in individual payments)

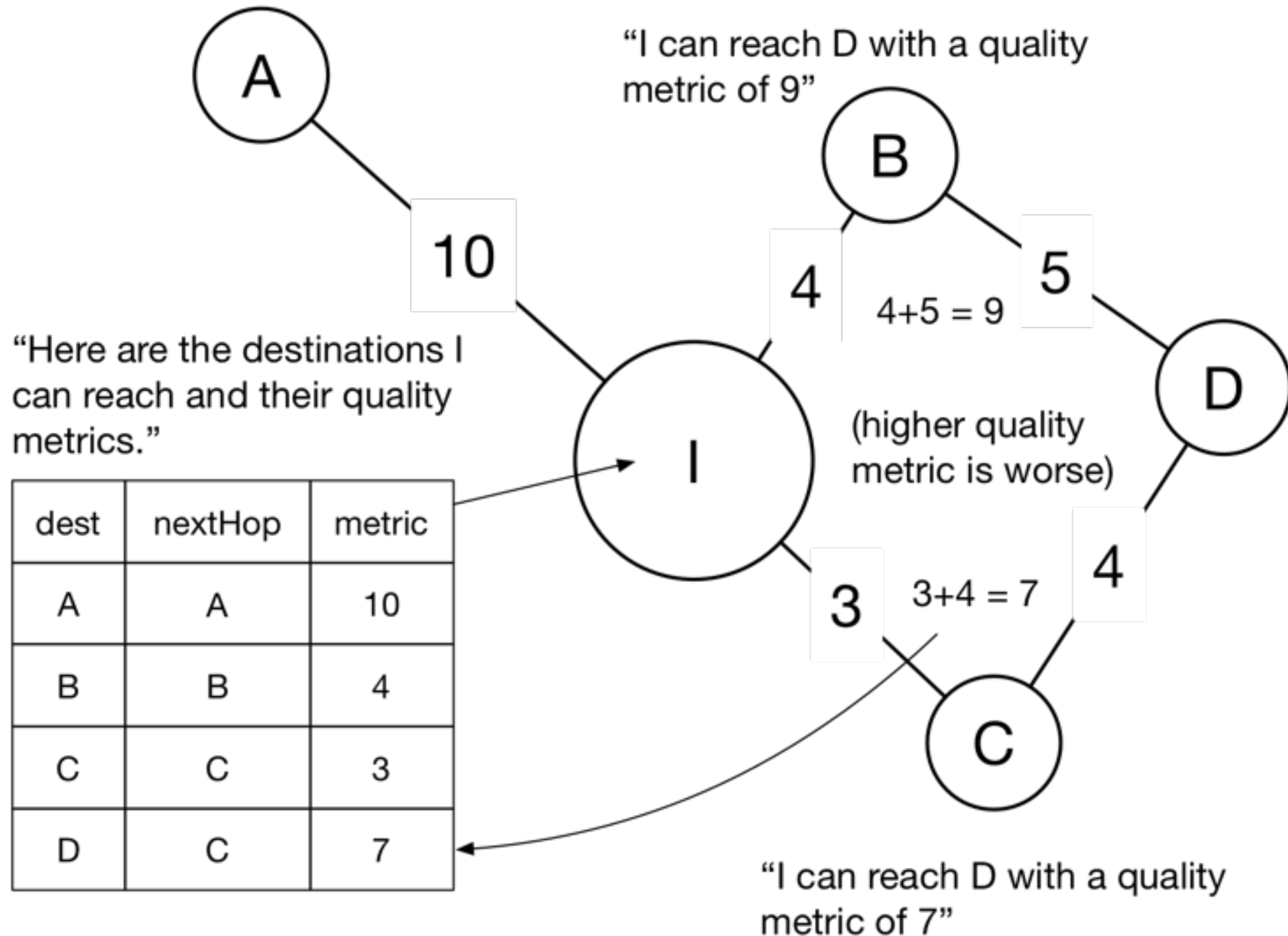


Alice

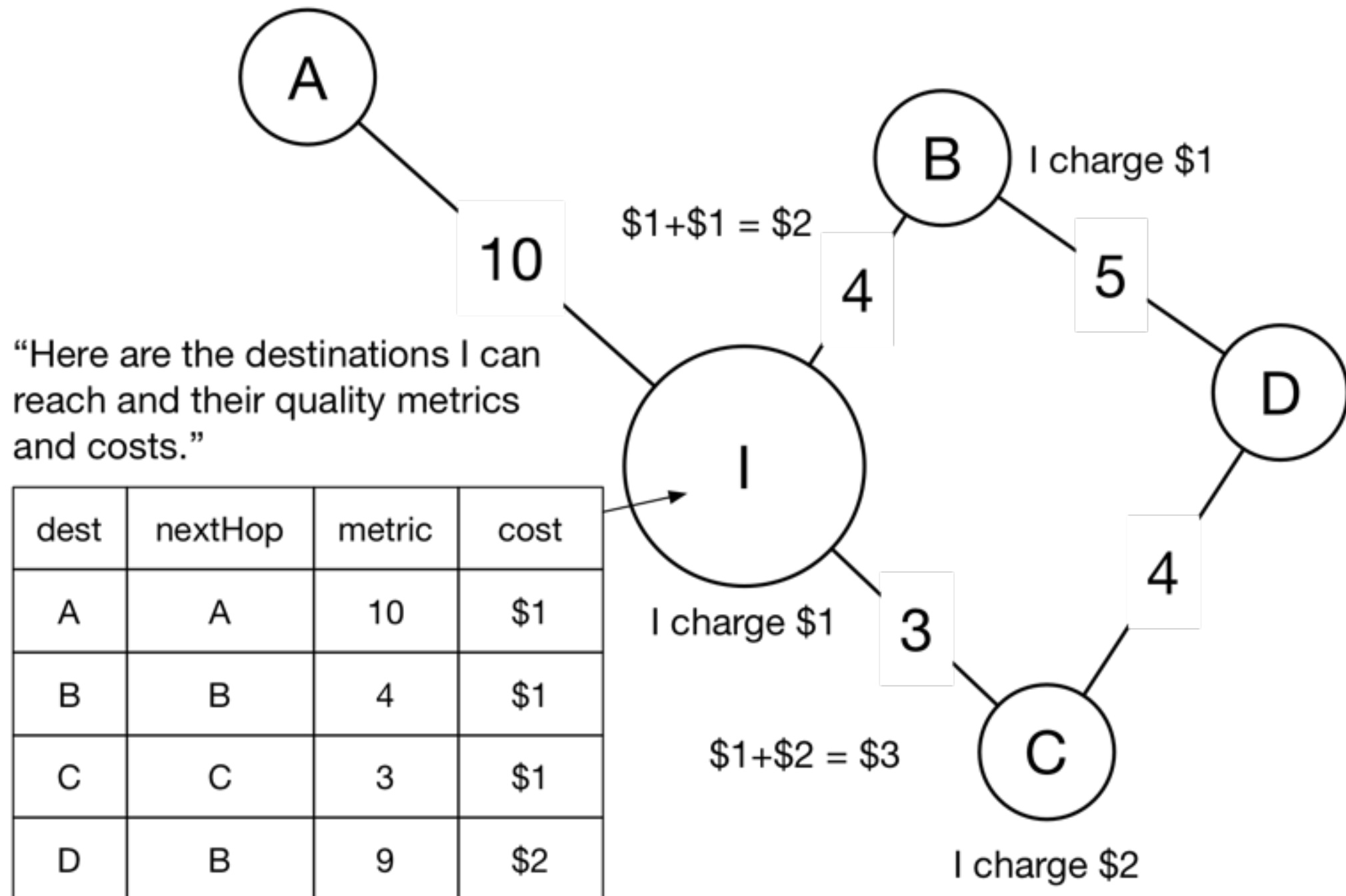


Bob

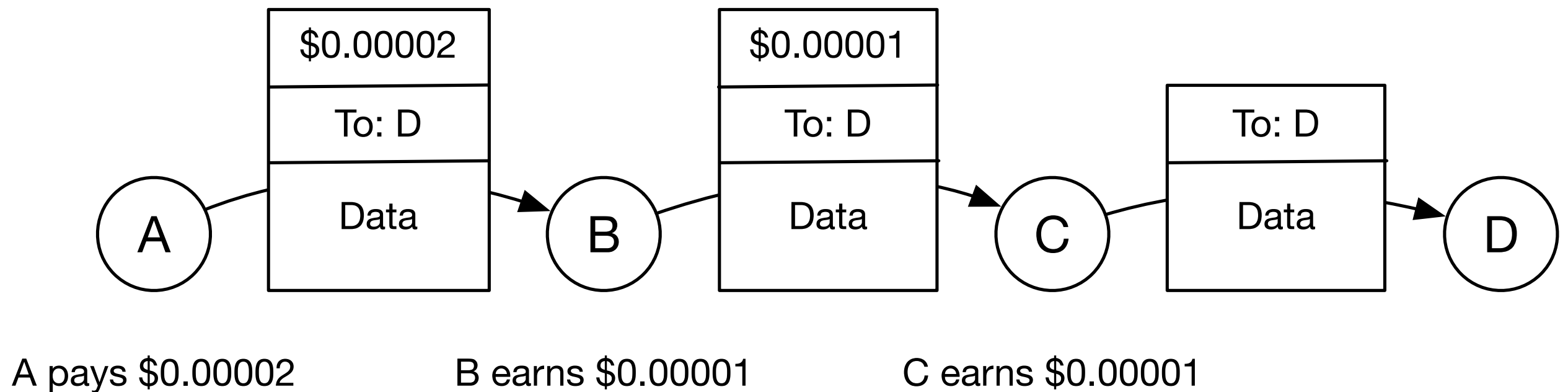
Distance vector



Distance vector plus cost



Nodes pay to push packets to a destination on a last-mile network.



If you want data from the internet, you must make arrangements for an uplink to push it to you.

altheamesh.com