

Sarah Jimenez  
Henry Morgan  
Kevin Peralta  
Uriyah Ruiz

## Report Title

- For [blockchain.com/api](https://blockchain.com/api),
  - Websocket API
    - Allows 'bi-directional, full-duplex communication between clients and servers'
      - 'Single TCP connection'
    - Maintains constant connection
    - Suitable for real-time applications
    - Depends on address, port number
    - Faster
    - Does need memory, buffers "to store the data"
  - REST API
    - Follows request-response communication model'
    - Is uni-directional; 'only either server or client' communicate
      - 'New TCP connection set up for each HTTP request'
    - Does not maintain constant connection
      - Each message "reopens" connection
    - Depends on HTTP methods
    - Slower
    - No need for memory, buffers
  - [source cited](#)