

# Comparison of endpoint types

The following table compares the differences between the gRPC, REST and CometBFT RPC endpoints.

Name	Advantages	Disadvantages
gRPC	* can use code-generated stubs in various languages * supports streaming and bidirectional communication (HTTP/2) * small wire binary sizes, faster transmission	* based on HTTP/2, not available in some browsers * learning curve (mostly due to Protobuf)
REST	* ubiquitous * client libraries in all languages, faster implementation	* only supports unary request-response communication (HTTP/1.1) * bigger over-the-wire message sizes (JSON) * heavily rate-limited by public endpoints
CometBFT RPC	* easy to use * has endpoints that allow querying txs by event type * has websocket support for streaming data	* bigger over-the-wire message sizes (JSON) * due to scalability issues, many documented endpoints may be disabled or heavily rate-limited by public endpoints

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