

HTTP 2.0 的出現與發展



HTTP 是超文本傳輸協議 (Hypertext Transfer Protocol) 的縮寫，是 WWW 的基礎。HTTP 1.1 是 1991 年提出的，目前仍在廣泛使用。HTTP 2.0 是 2015 年提出的，旨在提高 HTTP 1.1 的性能。HTTP 2.0 的主要特點包括：多路复用、二进制传输、服务器推送等。HTTP 2.0 的出現，將使網頁的加載速度更快，用戶體驗更好。

HTTP/2 是 HTTP 1.1 的後繼者，旨在提高 HTTP 1.1 的性能。HTTP/2 的主要特點包括：多路复用、二进制传输、服务器推送等。HTTP/2 的出現，將使網頁的加載速度更快，用戶體驗更好。Http 2/0 是 HTTP/2 的正式名稱。

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HTTP 1.1 200 OK

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- HTTP 1.1 200 OK (text/html) •

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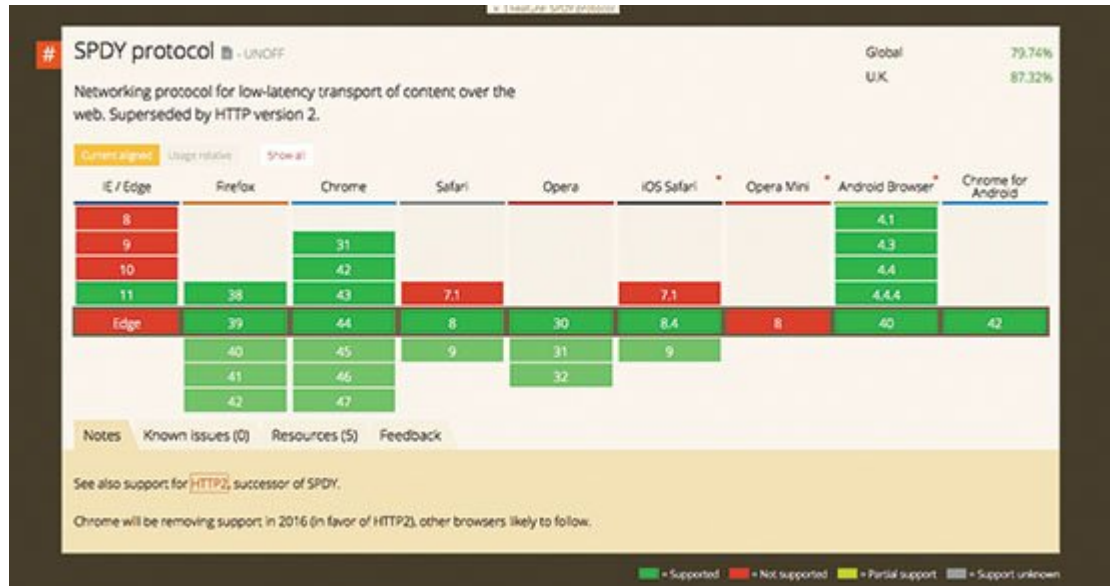
Server push

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00 000000 0000000 *HTTP/2*

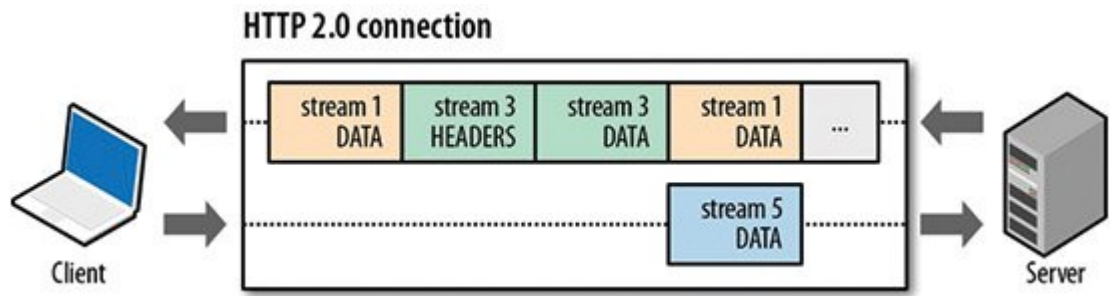
## HTTP/2

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HTTP 1.x connection is a single stream. The client sends a request and the server responds with a single response. This is a sequential process. In HTTP 2.0, the client can send multiple requests and the server can respond with multiple responses simultaneously. This is a parallel process. The diagram below illustrates the difference between HTTP 1.x and HTTP 2.0.



5 streams: HTTP/2 uses a single stream to send multiple requests and responses simultaneously.

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### Request Prioritization •

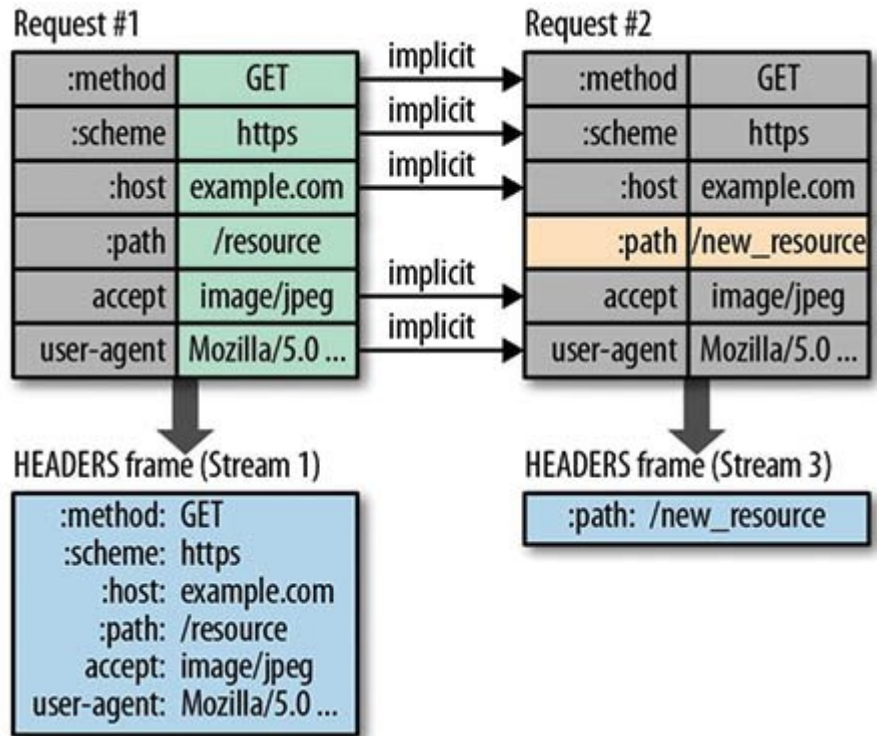
HTTP 1.x connection is a single stream. The client sends a request and the server responds with a single response. This is a sequential process. In HTTP 2.0, the client can send multiple requests and the server can respond with multiple responses simultaneously. This is a parallel process. The diagram below illustrates the difference between HTTP 1.x and HTTP 2.0.

### Flow Control •

Flow Control (Flow Control) is a mechanism that allows the client to control the flow of data from the server. In HTTP 1.x, the client can only receive data from the server when it has sent a request. In HTTP 2.0, the client can receive data from the server at any time. This is because HTTP 2.0 uses a single stream to send multiple requests and responses simultaneously.

end-to-end and hop-by-hop are two different ways of controlling the flow of data. end-to-end is a single hop and hop-by-hop is multiple hops.





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 0000000000000 0000000000 00 000 00 https 00 00000000 0000000 00 000 000 00 000000000 0000000 00000000  
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## Hypertext Transfer Protocol Version 2 (HTTP/2) -

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 .0000 00000 00000 00 00000000 000 00 00000 000000 00000000 «IETF»

[http2 explained](#) -

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## High Performance Browser Networking -

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## HTTP/2 Is Here, Let's Optimize -

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**2016**

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[CSS 100 个 常用 属性 列表](#)



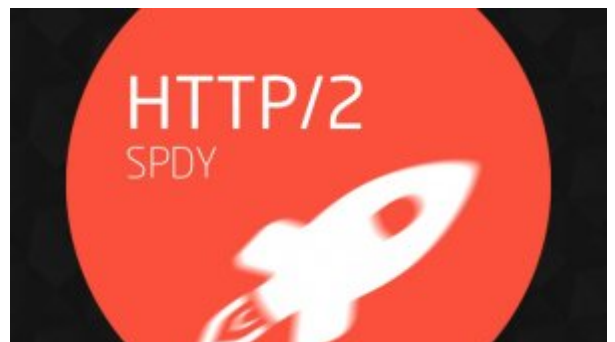
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