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| **S.No** | **Web Sockets** | **HTTP** |
| 1. | Web sockets are full duplex | Http is half duplex |
| 2. | It follows bidirectional messaging pattern | It follows Request-response messaging pattern |
| 3. | Service Push is a core feature | Service push is not natively supported. Client polling or streaming download techniques are used. |
| 4. | Moderate overhead to establish and maintain the connection, then minimal overhead per message. | Moderate overhead per request/connection. |
| 5. | Intermediary or Edge caching is not possible | Intermediary or edge caching is a core feature. |
| 6. | It has support only for modern languages and clients | It has a broad support area. |