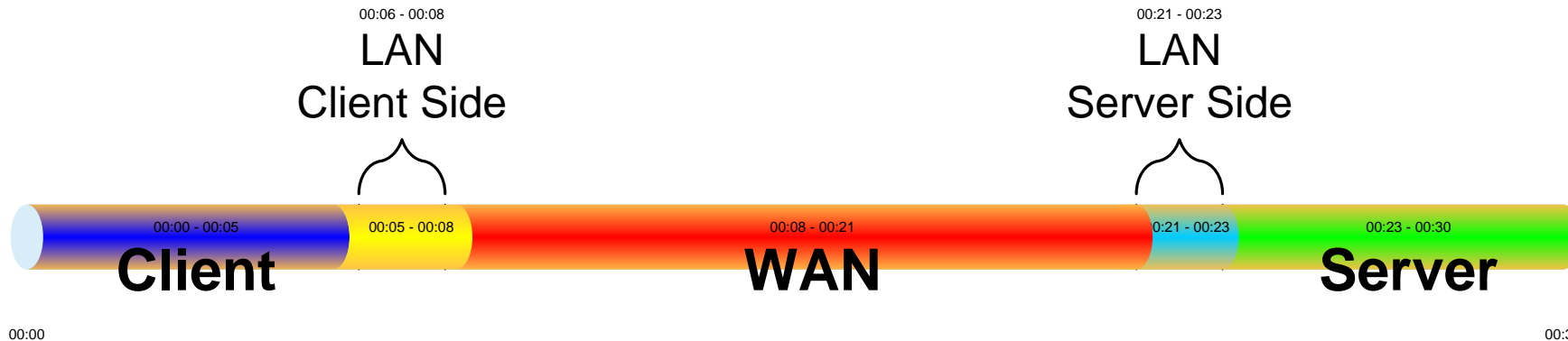


End to End Perceived Network Performance



- Client Performance:**
 - CPU/Processor Delay
 - Virtual and Physical Memory Limits
 - NIC Config, Network Drivers and TCP/IP config
 - Client Application Versions
 - Proxy Config

- Client Side LAN Performance:**
 - Switch config
 - Contention for Uplink

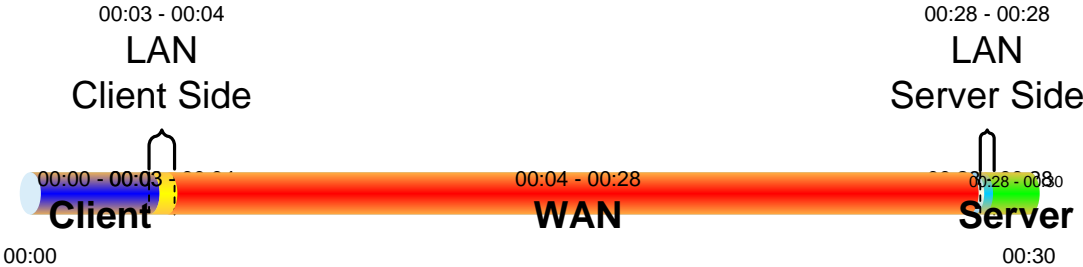
- WAN (Wide Area Network):**
 - Link Speed (Bandwidth)
 - Delay (Latency)
 - Packet Loss, Retransmissions, Timeouts
 - Network Throughput
 - Round Trips
 - Concurrency
 - Router & Network Config & Settings
 - Non Optimized Routes

- Server Side LAN Performance:**
 - Switch config
 - Contention for Uplink
- Server Performance:**
 - CPU/Processor Delay
 - Virtual and Physical Memory Limits
 - NIC/Network Drivers and TCP/IP config
 - Network Speed (10/100/1000MB)
 - Server Software Layer

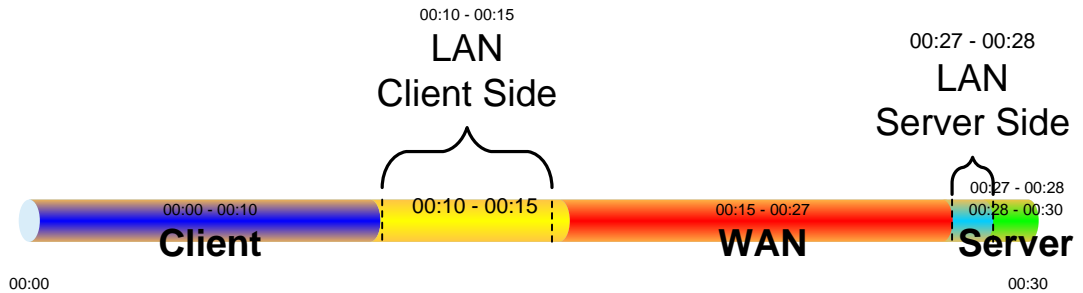
Network Performance

Recent Issues & Examples

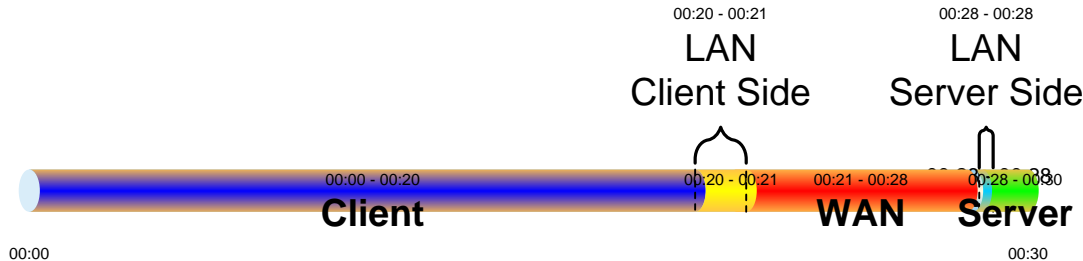
1. Remote Client w/o Acceleration



2. Remote Client w/ Acceleration



3. Remote Client w/ Out Dated Drivers



4. Remote Client – Network Switch Mis-configuration

