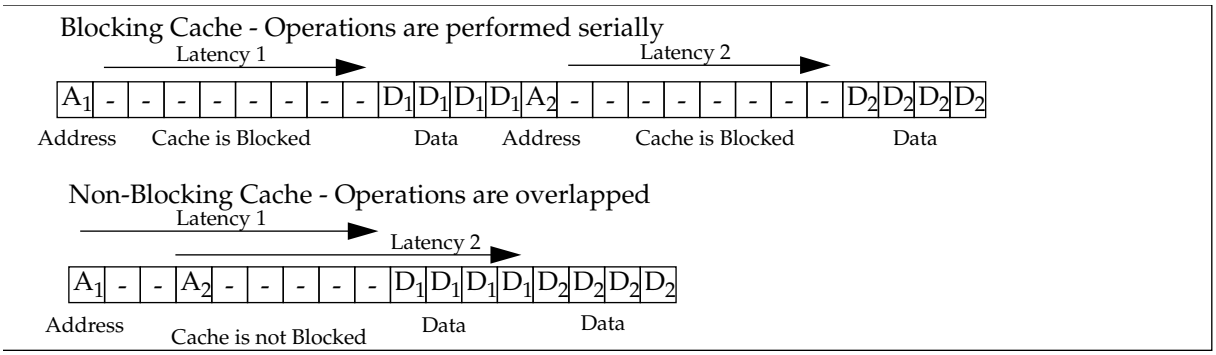
Blocking Cache - Operations are performed serially
Latency 1
Latency 2
A1 - - - - - - - - D1 D1 D1 D1 A2 - - - - - - - - D2 D2 D2 D2
Address
Cache is Blocked
Data
Address
Cache is Blocked
Data
Non-Blocking Cache - Operations are overlapped
Latency 1
Latency 2
A1 - - A2 - - - - - D1 D1 D1 D1 D2 D2 D2 D2
Address
Cache is not Blocked
Data
Data