COA assignment

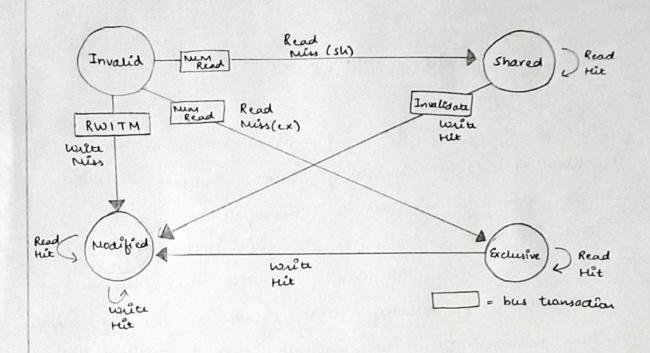
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MESI PROTOCOL

The NESI protocol is a formal mechanism for controlling cache consumey using snooping technique. Its acronym stands for modified, exclusive, should and invalid and refers to the states that cached data can take. Transition between the states is controlled by memory accesses and bus snooping activities. The protocol for cache consumer that is utilized the most is this one. Each cache line bears a states in dicating one of the following:

- · Modified This term signifies that the data stored in the cache and main memory are different. This means the data in the cache has mun modified and the charges need to be reflected in the main memory.
- Exclusive This turn signifies that the data is clean, i.e. the cause and the main memory hold identical data.
- · Shared This signified that other caches on the computer may also hold this cache line.
- Invalid This indicates that this cache line is marked as invalid by the word invalid.

MESI - locally Initiated accesses



MESI - remotery initiated accesses

