

Enum/Config

Enumerate
Enforcement

Configure CBM for
each Class of Service

Config

Association

OS Context
Switch

Set Class of Service
in IA32_PQR

COS = 2

COS

Enforcement

Application
Memory Request

Tag with Cache
Class of Service

Mem Request

Transaction

Cache Subsystem

Cache Allocation

COS 0	Capacity bitmask 0
COS 1	Capacity bitmask 1
COS 2	Capacity bitmask 2
COS 3	Capacity bitmask 3

Enforce Mask

Set 1

Set 2

Set n

way 1

.....

way 16

