

Management Server

Server-Side UMT End Point (SSEP)  
[ MAC Addr S ]

UMT Domain Controller  
[ MAC Addr U ]

Client-Side UMT End Point (CSEP)  
[ MAC Addr C ]

Management Client

UMT\_QUERY msg  
DA = broadcast  
SA = C  
Payload = Sequence Number

UMT\_CONFIG msg  
DA = S  
SA = U  
Payload = Action {Add/Delete},  
UMT subtype,  
CSEP address C,  
Classification rules,  
MTU

UMT\_CONFIG msg  
DA = C  
SA = U  
Payload = Action {Add, Delete},  
UMT subtype,  
SSEP address S,  
Classification rules,  
MTU

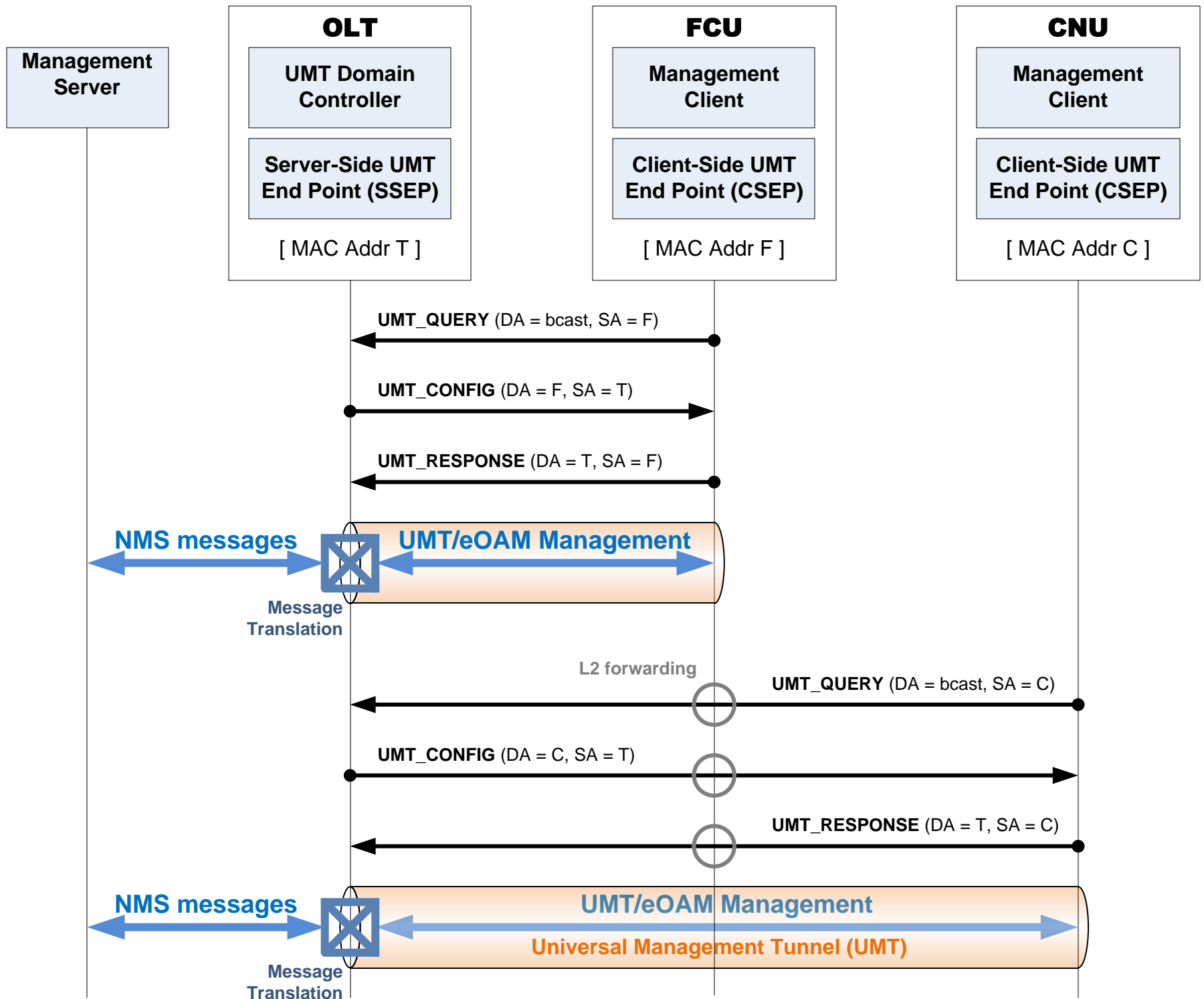
UMT\_RESPONSE msg  
DA = U  
SA = S  
Payload = Response {OK, Error},

UMT\_RESPONSE msg  
DA = U  
SA = C  
Payload = Response {OK, Error},

- Questions:**
- Should UMT\_QUERY DA be broadcast or well-known multicast? (Was changed from w.k.mcast in v1 to broadcast in v2)
  - Should all UMT discovery messages use the new UMT Ethertype to be differentiated from user traffic?  
UMT Ethertype (for UMT traffic)  
+ Subtype 0 (for disc. protocol)  
+ msg opcode (for specific msg.)
  - There may be multiple hops between Client-Side UMT End Point and UMT Domain Controller. Do intermediate nodes flood the UMT\_QUERY to all ports, or forward only towards the UMT Domain Controller?

IP Management





Version 3 (EPOC use case)