

ISSUE TITLE	MlmeHandler task kernel panic issue				
SW VERSION	3.0.x.x (driver with MlmeHandler task)	CHIP	MT7620/MT7612/MT7603/MT7628	Date	2015/03/02
Description: Mlme Q value was overwritten by MlmeEnqueue (or MlmeEnqueueForWsc) when Action SM performed action from from MlmeEnqueueForRecv.					
How to Fix: File : common/mlme.c Function : MlmeQueueFull if (SendId == 0) Ans = ((Queue->Num >= (MAX_LEN_OF_MLME_QUEUE / 2)) Queue->Entry[Queue->Tail].Occupied); else - Ans = (Queue->Num == MAX_LEN_OF_MLME_QUEUE) ; + Ans = ((Queue->Num == MAX_LEN_OF_MLME_QUEUE) Queue->Entry[Queue->Tail].Occupied);					
How to Fix: File : common/mlme.c Function : MlmeEnqueue, MlmeEnqueueForRecv, MlmeEnqueueForWsc NdisAcquireSpinLock(&(Queue->Lock)); Tail = Queue->Tail;					

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+  /*  
+      Double check for safety in multi-thread system.  
+  */  
+  if (Queue->Entry[Tail].Occupied)  
+  {  
+      NdisReleaseSpinLock(&(Queue->Lock));  
+      return FALSE;  
+  }  
Queue->Tail++;  
Queue->Num++;
```