

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++;
```