Change List for Win7 Driver 8.0.0.144 to 8.0.0.171

Draft July/16/2009

Atheros is continuing Hot Fixes. This will be a list of running changes as we continue to fix defects against Win7 8.0.0.x base code.

Software changes between build 8.0.0.144 and 8.0.0.162 (SID:1335625)

1) Add generic INF entries.
2) Prepare driver to support HB97/MB97. It is currently not officially supported.
3) Added Win7 and Server 2008 INF support.
4) Fixed synchronization issue between ndisPauseMiniport and the OIDs processing.
5) Incremented the reference count of the node used by scan to transmit probe requests.
6) Fixed HB93 can't connect by Adhoc after driver disable/enable.
7) Fixed Background scan interrupts data transfer via IEEE1394. Enable registry analogShiftRegDelay to add delay after writes to analog shift registers.
8) Fixed BSOD when AP disassociate clients.
9) Fixed Cisco AP's TPC causes low throughput with XB62. Add a registry key to specify the lowest tx power we can support.
10) Report SoftAP's current PhyId in association completion indication.
11) Limit the duration of a single roaming attempt to 20 seconds.
12) Take VAP out of RUN state when SW beacon miss is detected.
13) Fixed driver shows legacy link speed with 11n AP.
14) Fixed HB95 causing high CPU utilization while Radio-off.
15) Fixed driver is deleting a lock that is still owned by a thread.
16) Fixed problem causing scan to try to transmit fake sleep and fake wake up even if client is not connected.
17) Fixed problem causing scan to visit first foreign channel even in the presence of traffic.
18) Added a new OID and supporting interfaces to get chain specific noise floor values.

Software changes between build 8.0.0.162 and 8.0.0.171 (SID:1338646)

19) Add generic INF entries.
20) Fixed Driver is indicating receive NBLs at passive level with NDIS_RECEIVE_FLAGS_DISPATCH_LEVEL set.
21) Fixed problem causing scan entries never to be aged out if AP is restarted with different SSID.
22) Fixed cleaning up RFKill polling when power state set to D3.
23) Fixed 9F Bugcheck caused by timer cancellation not handled properly.
24) Fixed Driver fails to free its pool allocations prior to unloading.
25) Fixed HB95 has low throughput with Cisco1250.
26) Fixed scan list shows APs with channel 14 though SKU disables ch 14.
27) Fixed completing all tx packets when radio disabled by hardware RFKill.

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28) Fixed incorrect link speed in "Wireless Network Connection Status" when cwmMode = 0.
29) Fixed BSOD Once Switching to Turbo.