

RP-131813



WLAN/3GPP Radio Interworking Way Forward

**3GPP RAN#62
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WLAN/3GPP Interworking

- **The SI phase has resulted in a deadlock**
 - We have 3 solutions but no agreement on down-selection
- **Broadcom View**
 - Solution 1 has many advantages
 - Minimal impact: CN, AS, UE
 - Satisfies all requirements set forth in RAN Plenary #61 guidance
 - Ripe for normative work and hence realizable in Rel-12 timeframe
 - Broadcom position is the same as majority in CT1: ANDSF is testable
 - Solutions 2 and 3 suffer from several disadvantages
 - Joint meeting with SA2 resulted in no progress
 - Large impact expected on SA2/CT1 specifications
 - Several questions are unresolved, e.g., traffic steering granularity and interaction with ANDSF
 - Many variants
 - Standardizing hybrid solutions is undesirable
 - UE complexity
 - Unnecessary duplication of mechanisms and/or expected behavior

Proposed Way Forward

- **Proceed to WI phase in RAN2 to standardize solution 1**
 - Much work remains since parameters, signaling procedures, detailed call flows are not done
 - Some commonality with Solution 2 with respect to RAN assistance information
- **Continue a short SI for solutions 2 and 3**
 - Sufficient time to answer unresolved issues and liaise as required with SA2
 - May even be possible to merge this effort with WI if sufficient progress is made