The I-WLAN (3GPP) and The WLAN MO (OMA-DM) dilemma (C6-060121)

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Existent I-WLAN proposal (since Rel-6 in 3GPP)

- Allows inter-working with 802.11 compliant access points (SSID→**WSID**)
- A set of parameters (e.g. Elementary Files) provided by the SC
- EFs can be remotely administrated by an OTA server

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On-going WLAN MO proposal in OMA-DM

- WLAN MO: Set of WLAN connectivity parameters describing one access point (**SSID**)
- Devices can discover WLAN networks and expose the WLAN MO
- The WLAN MO can be remotely administrated by a DMS

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Integration of WLAN and I-WLAN

- Needed when a device has DM clients and 3GPP clients
- Must allow 3GPP networks to re-use existing I-WLAN
- DMS must keep an access to the device's WLAN MO

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Dilemma to integrate WLAN MO and I-WLAN

- If a device only has a **3GPP client** → No issue, 3GPP parameters and procedures are applied
- If a device only has a WLAN MO and **DM client** → No issue, this is out of the scope of 3GPP
- If a device has a **DM client** and **3GPP client** → Issue, as there is no current mechanism defined to select between WLAN MO and I-WLAN for the WLAN connection.