|  |  |
| --- | --- |
| Identifier | MGMT\_FAC\_01 |
| Objective | Location update from FAC-CM to CM-GN through MGMT-CORE |
| Configuration | * 1 UEV   + MGMT-Core installed   + CM-GN installed   + FAC-CM installed |
| Pre-test conditions | * FAC-CM sends a LOCATION\_UPDATE packet to MGMT-CORE |
| Trigger conditions | FAC-CM receives location update from POTI |
| Expected results | * MGMT-CORE sends a LOCATION\_TABLE\_REQUEST message to CM-GN (this is an implicit result of this test, see Note 3) * CM-GN responds with a LOCATION\_TABLE\_RESPONSE message (this is an implicit result of this test, see Note 3) * MGMT-CORE updates the MIB with incoming information * MGMT-CORE relays the message to CM-GN |
| Covers | * LOCATION\_UPDATE message |

|  |  |
| --- | --- |
| Identifier | MGMT\_FAC\_02 |
| Objective | Configuration update notification from FAC-CM to MGMT-CORE |
| Configuration | * 1 UEV   + MGMT-Core installed   + CM-GN installed   + FAC-CM installed |
| Pre-test conditions | * FAC-CM sends a CONFIGURATION\_NOTIFICATION packet to MGMT-CORE |
| Trigger conditions | Configuration change in FAC-CM |
| Expected results | * MGMT-CORE updates MIB with incoming information * MGMT-CORE sends CONFIGURATION\_AVAILABLE message to CM-GN * CM-GN responds with a CONFIGURATION\_REQUEST message * MGMT-CORE responds with a CONFIGURATION\_RESPONSE message |
| Covers | * CONFIGURATION\_NOTIFICATION message * CONFIGURATION\_AVAILABLE message * CONFIGURATION\_REQUEST message * CONFIGURATION\_RESPONSE message |

|  |  |
| --- | --- |
| Identifier | MGMT\_FAC\_03 |
| Objective | Requesting communication profile information from MGMT-CORE by FAC-CM |
| Configuration | * 1 UEV   + MGMT-Core installed   + FAC-CM installed |
| Pre-test conditions | * FAC-CM sends a COMMUNICATION\_PROFILE\_REQUEST packet to MGMT-CORE |
| Trigger conditions | FAC-CM is requested to fetch communication profile table from MGMT-CORE |
| Expected results | * MGMT-CORE responds with a COMMUNICATION\_PROFILE\_RESPONSE message |
| Covers | * COMMUNICATION\_PROFILE\_REQUEST message * COMMUNICATION\_PROFILE\_RESPONSE message |

|  |  |
| --- | --- |
| Identifier | MGMT\_FAC\_04 |
| Objective | Requesting a communication profile selection from MGMT-CORE by FAC-CM |
| Configuration | * 1 UEV   + MGMT-Core installed   + FAC-CM installed |
| Pre-test conditions | * FAC-CM sends a COMMUNICATION\_PROFILE\_SELECTION\_REQUEST packet to MGMT-CORE |
| Trigger conditions | FAC-CM is requested to fetch a proper communication profile with regards to given requirements |
| Expected results | * MGMT-CORE responds with a COMMUNICATION\_PROFILE\_SELECTION\_RESPONSE message |
| Covers | * COMMUNICATION\_PROFILE\_SELECTION\_REQUEST message * COMMUNICATION\_PROFILE\_SELECTION\_RESPONSE message |

**Note 1:** NETWORK\_STATE message, which is a periodic message sent from CM-GN to MGMT-CORE will be covered by any test where these two modules are involved.  
**Note 2:** It is only CONFIGURATION\_RESPONSE (CONTINUOUS), WIRELESS\_STATE\_REQUEST, and WIRELESS\_STATE\_RESPONSE messages that are not covered by any test defined herein. Among these, CONFIGURATION\_RESPONSE (CONTINUOUS) is tested using a simulator developed by EURECOM. WIRELESS\_STATE\_REQUEST and WIRELESS\_STATE\_RESPONSE messages are tested using this simulator as well yet they are currently not in use.  
**Note 3:** LOCATION\_TABLE\_REQUEST and LOCATION\_TABLE\_RESPONSE messages are covered by both the tests MGMT\_FAC\_01 and MGMT\_FAC\_02 where CM-GN is connected to MGMT-CORE. Moments after these two entities exchange configuration information (which is the first event takes place) MGMT-CORE will send LOCATION\_TABLE\_REQUEST to CM-GN.