Send MIH_Net_Group_Manipulation.indication to MIH_User with GroupStatus=Unchanged successful

- Find associated multicast address, stop listening to it.
- Discard the row associated to TargetIdentifier from Group Information Base
- Send MIH_Net_Group_Manipulation.indication to MIH_User with GroupStatus=Leave Operation successful

TargetIdentifier registered in Group Information Base? — Yes

TargetIdentifier registered in Group Information Base? — Yes

- Find associated multicast address, start listening to it.
- Add a new row associated to TargetIdentifier in Group Information Base
- Send MIH_Net_Group_Manipulation.indication to MIH_User with GroupStatus=Join Operation successful

No / Yes

Group Key Obtained? — Yes

- Process Complete Subtree TLV and Group Key Data TLV
- obtain Group Key

Yes

Group Key Data TLV Exists? — Yes → Matching pair of GKB indices (subclause 7.4.32.2) found?

SubgroupRange TLV present? — Yes → Own Leaf number is present on SubgroupRange? — Yes

Is payload encrypted? — Yes →
- Obtain corresponding decryption key from Group Information Base (indexed by DestinationIdentifier)
- Decrypt payload
→ Payload correctly decrypted? — Yes

Yes

Destination Identifier == MIHF Group ID in Group Information Base ||
Destination Identifier == MIHF Broadcast ID ||
Destination Identifier == local MIHF ID

?

Yes

Signature TLV Verification success?

Obtain Source Identifier from message and associated verification key from CC certificate

Reception of MIH_Net_Group_Manipulate message

Silently discard the message