Receive MIH_Net_Group_Manipulation.request

Generate the following TLVs based on the MIH_Net_Group_Manipulation.request:
- Source MIHF ID TLV
- Destination MIHF ID TLV
- (Optional) SubgroupRange TLV
- (Optional) Aux Data TLV
- Complete Subtree TLV
- (Optional) Group Key Data TLV

MulticastAddress present?

Is the Multicast Address belonging to TargetIdentifier in the Multicast Address Information Base?

Generate Multicast Address TLV

Obtain Multicast Address associated to TargetIdentifier from external entity or mechanism (out of scope)

GroupKeyUpdateFlag==0?

Generate SAID TLV
Record SAID TLV

Obtain MGK from GKB (CompleteSubtree and GroupKeyData) and Device Key from Recipient Information Base

Update Recipient Information Base with Multicast Address, MGK, SAID and TargetIdentifier

Generate Signature TLV

ResponseFlag=1?

Send MIH_Net_Group_Manipulate request

Send MIH_Net_Group_Manipulate indication