>> iot-gateway/conf/generic/cloudext/cloudext\_datatrans.json : -

Adding following JSON in HVAC State and Telemetry JSON

{

"name" : "fan",

"key" : "0x40",

"is\_writeable" : true,

"size" : 1,

"type" : "bool"

}

{

"name" : "mode",

"key" : "0x10",

"is\_writeable" : true,

"size" : 1,

"type" : "char"

}

following highlighted are changes

>> src/litenet/generic/python/cloudext/cloudext\_sink\_mqtt\_adapter.py :-

in method “def \_check\_for\_hvac\_commands(self, payload)” from class CloudExtSinkMQTTAdapter(ServiceAdapter)

if payload[COMMAND\_KEY] == "get-hvac-status":

# Prepare the query payload. Since it is a Get operation, the

# corresponding values are set to 0, which are anyway ignored by

# Wirepas nodes.

cmd\_dict["params\_payload"] = {

"mode": 0,

"temperature" : 0,

"room\_temperature" : 0,

“fan” : 0

}

cmd\_dict["is\_set\_op"] = False

cmd\_dict["broadcast\_supported"] = True

elif payload[COMMAND\_KEY] == “set”:

if len(payload[PARAMS\_KEY]) in range(1, 4):

if "mode" in payload[PARAMS\_KEY].keys():

print("True")

if payload[PARAMS\_KEY]["mode"] in range(3):

print(payload[PARAMS\_KEY]["mode"])

cmd\_dict["params\_payload"]["mode"] = payload[PARAMS\_KEY]["mode"]

if "temperature" in payload[PARAMS\_KEY].keys():

cmd\_dict["params\_payload"]["temperature"] = payload[PARAMS\_KEY]["temperature"]

if "fan" in payload[PARAMS\_KEY].keys():

print("True")

if payload[PARAMS\_KEY]["fan"] in range(2):

print(payload[PARAMS\_KEY]["fan"])

cmd\_dict["params\_payload"]["fan"] = payload[PARAMS\_KEY]["fan"]

cmd\_dict["broadcast\_supported"] = True

else:

return None

return cmd\_dict