Sample	Mapping Type	Topics/Substitutions	API	Template-Source	Target-Payload	Expected Result
01	JSON	<pre>mappingTopic: /plant1/+/+ mappingTopicSample: /plant1/inel/devicel_measurel_Type check: Create non existing device  sub: 1.</pre>	М	{     "value": 100 }	<pre>{     "measurel_Type": {         "v": {</pre>	For the device with external id: plantl linel_devicel a measurement c8y TemperatureMeasurement should be created. The device is created implicitly.
02	JSON	<pre>mappingTopic: devices/+ mappingTopicSample: devices/device best_01 check: Create non existing device  sub: 1. [*_TOPIC_LEVEL_[i] -&gt; IDENTITYexternalId ] 2. [ mea.values[0].value -&gt; c8y_ProcessLoadMeasurement.L.value ] 3. [ \$map(\$map(mea.values(0).timestamp, \$number), function(\$v, \$i, \$a) (\$fromWillis(\$v) )) -&gt; time ] check expand to array for this substitution</pre>	м	<pre>{     "mea": [</pre>	<pre>"c8y_ProcessLoadMeasurement": {     "I": {         "value": 110,         "unit": "%"     } }, "time": "2022-08-05T00:14:49.389+02:00", "type": "c8y_ProcessLoadMeasurement" }</pre>	For the device with external id: device_best_Ol multiple measurements should be created. The device is created implicitly.
03	JSON	<pre>mappingTopic: device/express/+ mappingTopicSample: device/express/berlin_01 check: Use external id  sub: 1. [ * _TOPIC_LEVEL_[2] -&gt; _IDENTITYexternalId ] 2. [ customType -&gt; type ] 3. [ operator* ""4line -&gt; name ] 4. [ capacity -&gt; capacity ]</pre>	I	<pre>{   "line": "Bus-Berlin-Rom",   "operator": "EuroBus",   "customFragment": {       "customFragmentValue": "Express"     },     "capacity": 64,     "customArray": [       "ArrayValue1",       "ArrayValue2"     ],     "customType": "type_International" }</pre>	{     "c8y_IsDevice": {},     "com_cumulocity_model_Agent": {},     "name": "Bus Name",     "type": "type bus",     "capacity": 100,     "time": "2022-08-05T00:14:49.389+02:00", }	Create device with: 1. external id: berlin_01 2. name: EuroBus-Bus-Berlin-Rom 3. type: type_International
04	JSON	<pre>mappingTopic:</pre>	Е	{     "msg_type": "c8y_BusStopEvent",     "txt": "Bus stopped at petrol station today!",     "td": "2022-09-08T16:21:53.389+02:00",     "ts": "1665473038000" }	{     "text": "This is a new test event.",     "time": "2022-08-05T00:14:49.389+02:00",     "type": "c8y_GeneralBusEvent" }	Event for existing device should be created mention [ %fromMillis(\$number(deviceTimestamp))->time]
05	JSON	<pre>mappingTopic: measurement/+/gazoline mappingTopicSample: measurement/berlin_01/gazoline check: Use external id  sub: 1. [ * _TOPIC LEVEL [1] -&gt; _IDENTITYexternalId ] 2. [ fuel -&gt; c8y_FuelMeasurement.F.value ] 3. [ \$now() -&gt; time ]</pre>	М	{     "fuel": 65,     "ts": "2022-08-05T00:14:49.389+02:00",     "mea": "c8y_FuelMeasurement" }	<pre>"c8y_FuelMeasurement": {     "I": {         "value": 110,         "unit": "I"         }         time": "2022-10-18T00:14:49.389+02:00",         "type": "c8y_FuelMeasurement"         } }</pre>	Add c8y_FuelMeasurement to bus.

Sample	Mapping Type	Topics/Substitutions API	Template-Source	Target-Payload	Expected Result
06	JSON	<pre>mappingTopic: multiarray/devices mappingTopicSample: multiarray/devices check: Use external id  sub: 1.     [ * device -&gt; _IDENTITYexternalId ] , choose option "Expand Array" 2.     [ types.type A -&gt; type ] 3.     [ smap(used name, function(\$v, \$i, \$a) {</pre>	<pre>"device": [     "d1 id",     "d2 id" ],     "types": {         "type A": "type A",         "type_B": "type_B" }, "used_name": [         "Pressure_d1",         "Pressure_d2" ]</pre>	<pre>{   "c8y_IsDevice": {},   "name": "Vibration Sensor",   "type": "maker_Vibration_Sensor" }</pre>	New Devices:  1. Pressure_d21 2. Special_i00 should be created.  All device have the same type "type_A"
07	JSON	<pre>mappingTopic: arrayType/devices mappingTopicSample: arrayType/devices check: Create non existing device check: Use external id  sub: 1. [ SsubstringBefore(\$[0].devicePath,"_AL") -&gt;</pre>	<pre>{     "tid": "5e4bac9f-b47a-499e-8601-68fc16a9847c",     "psid": "Crest",     "devicePath":     "c2818e07-4c09-42f0-ba24-ddb712573ab5_AL1352_192168221_8 0_X03_VWB001StatusB_Crest",     "processDataUnit": "20",     "value": {</pre>	<pre>{   "c8y_TemperatureMeasurement": {     "T": {         "value": 110,         "unit": "C"     } },   "time": "2022-08-05T00:14:49.389+02:00",   "type": "c8y_TemperatureMeasurement" }</pre>	Create one device implicitly with the name: device_68y_Serial_c2818e07-4c 09-42f0-ba24-ddb712573ab5 and for this device create two measurements of type: "c8y_TemperatureMeasurement"
08	JSON	<pre>mappingTopic: eventObject/+ mappingTopicSample: eventObject/berlin_01 check: Use external id  sub: 1. [ _TOPIC_LEVEL [1] -&gt; _IDENTITYexternalId ] 2. [ txt -&gt; text ] 3. [ msg_type -&gt; type ] 4. [ Snow() -&gt; time ] 5. [ model -&gt; customProperties ] choose Repair Strategy: REMOVE_IF_MISSING_OR_NULL</pre> E	<pre>{   "msg_type": "c8y_BusStopEvent",   "txt": "Bus stopped at petrol station today!",   "dd": "2022-09-08T16:21:53.389+02:00",   "model": {       "name": "MAN e-Bus"   } }</pre>	<pre>{   "text": "This is a new test event.",   "time": "2022-08-05T00:14:49.389+02:00",   "type": "c8y_TestEvent",   "customProperties": "dummy" }</pre>	Create event for device.  If the source payload contains the fragment model it is mapped to customProperties.  If it does not contain th e fragment the customProperties is removed from the target payload.
09	JSON	mappingTopic: measurementObject/+/gazoline mappingTopicSample: measurementObject/berlin_01/gazoline check: Use external id  sub:  1. [*_TOPIC_LEVEL_[1] -> _IDENTITYexternalId ] 2. [mea -> type ] 3. [\$now() -> time] 4. [fuel*3.78541 -> c8y_FuelMeasurement.Tank.value ] 5. [(oil?("Motor": ("value":oil, "unit":"1")}:null) -> c8y_OilMeasurement ] choose Repair Strategy: REMOVE IF MISSING OR NULL	<pre>"fuel": 65, "oil": 4.5, "ts": "2022-08-05T00:14:49.389+02:00", "mea": "c8y_FuelMeasurement" }</pre>	<pre>{     "c8y_FuelMeasurement": {         "Tank": {</pre>	This mapping makes use of the option "REMOVE IF MISSING OR NULL". The incoming payload can contain either properties: "fuel", "oil" or both. Depending on this the relevant fragments n the Cumulocity measurement are created.

Sample	Mapping Type	*	Template-Source	Target-Payload	Expected Result
10	нех	<pre>mappingTopic: hex/+ mappingTopicSample: hex/berlin_01 check: Use external id  sub:  1. [ * _TOPIC LEVEL [1] -&gt; IDENTITY_externalId ] 2. [ \$number(\$substring(message,0,6)) -&gt; value ]</pre>	Hex Code: 0x41bl No leading 0x, only the plain payload as hexadecimal numbers	<pre>"text": "This is a new test event.", "time": "2022-08-05T00:14:49.389+02:00", "type": "c8y_TestEvent", "value": 99</pre>	Snoop recorded message
11	JSON	<pre>mappingTopic:</pre>	<pre>{     "text": "Special operation restart" }</pre>	<pre>"description": "New camera operation!",    "type": "maintenance_operation" }</pre>	Create operation "maintenance_operation" for device with extenralId berlin_01
12	HEX	<pre>mappingTopic: hexEvent/+ mappingTopicSample: hexEvent/berlin_01 check: Use external id sub:  1. ["Temp: "&amp;Snumber(\$substring(message,0,4))&amp;" C" -&gt; text ] 2. [* TOPIC LEVEL [1] -&gt; _IDENTITYexternalId ] 3. [Snow() -&gt; time]</pre>	Hex Code: 0x5a75 No leading 0x, only the plain payload as hexadecimal numbers	<pre>"text": "This is a new test event.",   "cime": "2022-08-05T00:14:49.389+02:00",   "type": "c8y_TestEvent" }</pre>	Send c8y_TestEvent to device with externalId berlin_01
13	JSON	<pre>mappingTopic: device/update/+ mappingTopicSample: device/update/berlin_01 check: Use external id  sub: 1. [ * _TOPIC_LEVEL [2] -&gt; _IDENTITYexternalId ] 2. [ customType-&gt;type ]</pre>	<pre>{     "customType": "type_Overnight" }</pre>	{   "type": "type_any" }	Update type of existing device.
14	PROTOBUF_INTERNAL	mappingTopic: protobuf/measurement mappingTopicSample: protobuf/measurement check: Use external id sub: Defined in cumulocity-dynamic-mapper/dynamic-mapping-service/src/main/java/dy namic/mapping/processor/processor/fixed/StaticProtobufProcessor.ja va	Send message in protobuf format:  option java_package = "mqtt.mapping.processor.protobuf" option java_outer_classname = "MeasurementProto"; message CustomMeasurement {    int64 timestamp = 1;    float value = 2;    string unit = 3;    string externalIdType = 4;    string externalId = 5;    string measurementType = 6; }  Use test client: cumulocity-dynamic-mapper/dynamic-mapping-service/src/t st/java/dynamic/mapping/ProtobufMqttClient.java	"unit": "1" }, ,"ime": "2022-08-05T00:14:49.389+02:00", "type": "c8y_GenericMeasurement_type" }	Use test client: cumulocity-dynamic-mapper/dyn amic-mapping-service/src/test /java/dynamic/mapping/Protobu fMgttClient.java to create a new measurement for bus "berlin_01"
15	EXTENSION_SOURCE	mappingTopic: protobuf/event mappingTopicSample: protobuf/event check: Use external id  sub: Defined in cumulocity-dynamic-mapper/dynamic-mapping-extension/src/main/java/ dynamic/mapping/processor/extension/external/ProcessorExtensionCus tomEvent.java  In selection: Extensions for PROCESSOR_EXTENSION choose:     dynamic-mapping-extension  In selection: Events for dynamic-mapping-extension choose:     CustomEvent	Send message in protobuf format:  syntax = "proto3"; package processor.protobuf;  option java_package = "mqtt.mapping.processor.extension.external"; option java_outer_classname = "CustomEventOuter";  message CustomEvent {    int64 timestamp = 1;    string txt = 2;    string unit = 3;    string externalIdType = 4;    string externalId=5;    string externalId = 5;    string eventType = 6; }  Use test client: cumulocity-dynamic-mapper/dynamic-mapping-extension/src test/java/dynamic/mapping/ProtobufMqttClient.java	{     "text": "This is a new test event.",     "time": "2022-08-05700:14:49.389+02:00",     "type": "c8y_TestEvent" }	Use test client: cumulocity-dynamic-mapper/dyn amic-mapping-extension/src/te st/java/dynamic/mapping/Proto bufMqttClient.java to create a new event for bus "berlin_01"

Sample	Mapping Type	Topics/Substitutions	API	Template-Source	Target-Payload	Expected Result
16	JSON	<pre>mappingTopic: panel mappingTopicSample: panel mappingTopicSample: panel check: Create non existing device check: Use external id  sub: 1. [ * deviceId -&gt; _IDENTITYexternalId ] 2. [ \$fromMillis(\$number(deviceTimestamp)) -&gt; time ] 3. [ temperature -&gt; c8y_TemperatureMeasurement.T.value ]</pre>	М	{     "deviceId": "863859042393327",     "version": "l",     "deviceType": "20",     "deviceTimestamp": "1665473038000",     "deviceStatus": "BTR",     "temperature": 90 }	{     "c8y_TemperatureMeasurement": {	Devices with external id: 863859042939327 does not exist and is implicitly created. For this device an new measurement is created.
17	JSON	mappingTopic: panel mappingTopicSample: panel check: Use external id  sub:  1. [ deviceId -> _IDENTITYexternalId ]  2. [ [ \$now() -> time ] ]  3. [ 'New device status: ' & deviceStatus & '!' -> text]	Е	{     "deviceId": "863859042393327",     "version": "l",     "deviceType": "20",     "deviceTimestamp": "1665473038000",     "deviceStatus": "BTR",     "temperature": 90 }	{     "text": "New device status: BTR!",     "time": "2022-11-24T00:14:49.389+02:00",     "type": "c8y_GeneralPanelEvent" }	For this device an new event is created.
18	JSON	<pre>mappingTopic: flexM/+/gazoline mappingTopicSample: flexM/berlin_01/gazoline check: Use external id  sub: 1. [ * _TOPIC_LEVEL_[1] &gt; _IDENTITYexternalId ] 2. [ Measurementname &amp; "_Lype" -&gt; type ] 3. [ Measurementname = "Airsensor" ? (Seriesname:{"value": value, "unit": unit] : null -&gt; Airsensor ]] select: Repair Strategy: REMOVE_IF_NULL_OR_MISSING 4. [ Measurementname = "Liquidsensor" ? (Seriesname:("value": value, "unit": unit]) : null -&gt; Liquidsensor ] select: Repair Strategy: REMOVE_IF_NULL_OR_MISSING 5. [ Snow() -&gt; time ]</pre>	М	{     "Measurementname": "Airsensor",     "Seriesname": "Humidity",     "value": 10,     "unit": "%" }	{     "Airsensor": "dummy",     "Liquidsensor": "dummy",     "time": "2022-08-05700:14:49.389+02:00",     "type": "c8y_measurementtype" }	Depending on the content in the payload: 1. is "Mirsensor" present 2. is "Liquidsensor" present either mapping 3. or 4. is evaluated and the relevant fragment in the measurement is crrested.
19	JSON	<pre>mappingTopic: alarm/tires mappingTopicSample: alarm/tires check: Use external id  sub: 1.    [ bus_id -&gt; _IDENTITYexternalId ] 2.    [ msg_type -&gt; type ] 3.    [ tx -&gt; text ]</pre>	A	<pre>"msg_type": "c8y_FlatTireAlarm", "tx": "Left rear tire loses air!", "bus_id": "berlin_01" }</pre>	<pre>"type": "c8y_FlatTireAlarm",   "text": "Left rear tire loses air!",   "severity": "MAJOR",   "status": "ACTIVE",   "time": "2022-03-19T12:03:27.8452" }</pre>	An alarm should be created for the device berlin_01.
20	EXTENSION_SOURCE	mappingTopic: measurementExt mappingTopicSample: measurementExt mapppingType: Processor Extension Source check: Use external id  sub: Extension for PROCESSOR EXTENSION_SOURCE: dynamic-mapping-externsion Events for dynamic-mapping-extension: CustomMeasurement  Defined in cumulocity-dynamic-mapper/dynamic-mapping-extension/src/main/java/ dynamic/mapping/processor/extension/external/ProcessorExtensionCus tomMeasurement.java	М	{     "temperature": 120.5,     "unit": "Celsius",     "time": "2023-07-12T16:21:53.389+02:00",     "externalId": "berlin_01",     "unexpected": 17.5 }	<pre>{   "time": "2022-08-05T00:14:49.389+02:00",   "type": "c8y_Temperature",   "c8y_Temperature": "dummy",   "c8y_Fragment_to_remove": "remove_me" }</pre>	A measasurement should be created for the device berlin 01. The fragment "c8y Fragment_to_remove" is not included in the created measurement, as the repair strategy is "REMOVE IF MINLL". In addition the reapair strategy "CREATE IF MISSING" is used. This is required to map the node "unexpected" to the target fragment "c8y_Unexpected". This is created, due to the used reapir strategy.
21	JSON	<pre>mappingTopic:</pre>	М	<pre>"values":[</pre>	{     "time":"2022-08-05T00:14:49.389+02:00",     "type":"c8y_FlexibleMeasurement" }	A measurement with two fragments: 1. velocidad_cabezal 2. temperature is created. It demonstrates the use of a substitution using "\$" as a target. This results in merging the extracted content with the predefined target template.

Sample	Mapping Type	Topics/Substitutions	API	Template-Source	Target-Payload	Expected Result
22	JSON	<pre>mappingTopic: v3/things/+ mappingTopicSample: v3/things/berlin_01 check: Use external id  1. [* TOPIC LEVEL [2] -&gt; IDENTITY_externalId ] 2. [ \$now() -&gt; time ] 3. [ \$map(values, function (\$v) { {\$v.key: ('Measurement':('value':\$v.value, 'unit': 'U'}}}) -&gt; \$ } ] select: Expand as array</pre>	м	<pre>{     "values":[</pre>	{     "time":"2022-08-05T00:14:49.389+02:00",     "type":"c8y_FlexibleMeasurement" }	Two measurements with different fragments: 1. velocidad cabezal 2. temperature are created. It demonstrates the use of a substitution using "\$" as a target. This results in merging the extracted content with the predefined target template in combination with the attribute "expand2Array". See as well mapping 21.
23	JSON	<pre>mappingTopic: datalogger/0018 mappingTopicSample: datalogger/0018 check: Use external id  1. [* ID -&gt; IDENTITY externalId ] 2. [\$replace(ts,'','T') -&gt; time ] 3. [\$map(\$spread(meas), function(\$v, \$k) { { \$keys(\$v): { "value": \$lookup(\$v, \$keys(\$v)) [0], "unit": "l/h" } } })-&gt;\$merge() -&gt; onguardMeasurement ]</pre>	М	{     "ID": "0018",     "meas": {         "Product1 Flow": [             14.93         ],         "Water_Flow": [             18.54         ],         "Product2_Flow": [             272.9         ],         "ts": "2024-06-18 13:20:45.0002",         "timestampUTC": "2024-06-18T13:20:45.0002" }	<pre>{   "onguardMeasurement": null,   "time": "2022-08-05T00:14:49.389+02:00",   "type": "onguardMeasurement" }</pre>	Map the structure under meas as fragments in the measurements. The number of keys in meas can vary and must therefore be generated dynamically.
24	EXTENSION_SOURCE_TARGET	mappingTopic: extension/source_target mappingTopicSample: extension/source_target check: Use external id  Extensions for Processor Extension Source Target: select Events for: select Defined in cumulocity-dynamic-mapper/dynamic-mapping-extension/src/main/java/ dynamic/mapping/processor/extension/external/ProcessorExtensionCus tomAlarm.java	Α	<pre>{   "alarmType": "MAJOR",   "message": "This is an alamr for the extension!",   "type": "c8y ExtensionAlarm",   "externalId": "berlin 01",   "time": "2024-06-18T13:20:45.0002" }</pre>	<pre>{   "onguardMeasurement": null,   "time": "2022-08-05T00:14:49.389+02:00",   "type": "onguardMeasurement" }</pre>	the extraction and the substitution in the tagetPayload are implemented in java, see. ProcessorExtensionCustomAlarm.java. This is useful if the processing of the source payload can't be achieved in JSONata and the building of the tragetP payload (Cumulocity) cant be achieved by standard substitutions.
25	JSON	mappingTopic: alarm/tires_c8ySourceId mappingTopicSample: alarm/tires_c8ySourceId check: Use external id  sub:  1. [bus_c8ySourceId -> _IDENTITYc8ySourceId]  2. [msg_type -> type]  3. [tx -> text]	А	<pre>"msg_type": "c8y_FlatTireAlarm",    "tx": "Left rear tire loses air!",    "bus_c8ySourceId": "10203040" }</pre>	<pre>{   "type": "c8y_FlatTireAlarm",   "text": "Left rear tire loses air!",   "severity": "MAJOR",   "status": "ACTIVE",   "time": "2022-03-19T12:03:27.8452" }</pre>	An alarm should be created for the device identified by a Cumulocity id.  This is in contrast to the mapping 19, which uses the external id: "berlin_01"
51	JSON OUTBOUND	<pre>publishTopic: evt/outbound/# mappingTopicSample: evt/outbound/berlin_01 filterMapping: bus_event NOTE: for outbound mappings no tt (template topic) is defined. check: Use external id  sub: 1.</pre>	Е	<pre>{     "type": "c8y_BusEvent",     "text": "Bus was stopped",     "time": "2022-08-05T00:14:49.389+02:00",     "bus_event": "stop_event" }</pre>	<pre>"deviceId": "909090",   "description": "This is a new test event.",   "time": "2022-08-05T00:14:49.389+02:00",   "eventType": "TestEvent",   "bus event": "stop event",   " TOPIC LEVEL ": [</pre>	Publish mqtt msg. with event on topic  'evt/outbound/berlin 01' Use following command to  create sample event:  c8y events createdevice  "YOUR_DEVICE_ID"data  'bus_event="stop_event",  text="Bus was stopped  today!", type="c8y_BusEvent"'

Sample	Mapping Type	Topics/Substitutions API	Template-Source	Target-Payload	Expected Result
52	JSON OUTBOUND	<pre>publishTopic: opp/outbound/# mappingTopicSample: opp/outbound/berlin_01 filterMapping: bus_opp check: Use external id  NOTE: for outbound mappings no tt (template topic) is defined.  sub: 1. [ _IDENTITYexternalId -&gt; _TOPIC_LEVEL_[2] ] choose: Resolve to externalId 2. [ bus_opp -&gt; decription ] 3. [ * _IDENTITYc@ySourceId -&gt; c8y_Id ]</pre>	{    "bus_opp": "New engine restart operation!" }	<pre>"c8y_Id": "909090",   "decription": "dummy operation",   "type": "bus_operation",   "_TOPIC_LEVEL_": {   "opp",   "outbound",   "berlin_01" } </pre>	Publish mgtt msg. with operation on topic 'opp/outbound/berlin Ol' Use following command to create sample event: c8y operations createdevice "YOUR DEVICE_ID"data 'bus opp="New engine restart operation!" Note: The option "resolve2ExternalId = false" esures that the C8Y internal device id is used in substitution 3.
53	JSON OUTBOUND	<pre>publishTopic: evt/outDeviceId/# mappingTopicSample: evt/outDeviceId/berlin_01 filterMapping: bus_event NOTE: for outbound mappings no tt (template topic) is defined. check: Use external id sub: 1.    [_IDENTITYexternalId -&gt; _TOPIC_LEVEL_[2]]</pre>	<pre>{   "type": "c8y_BusEvent",   "text": "Bus was stopped",   "time": "2022-08-05T00:14:49.389+02:00",   "bus_event": "stop_event" }</pre>	<pre>{   "c8y_Id": "909090",   "description": "This is a new test event.",   "time": "2022-08-05T00:14:49.389+02:00",   "eventType": "TestEvent",   "bus_event": "stop_event",   " TOPIC_IEVEL ": {       "event": "outbound",       "berlin_01"   ] }</pre>	Publish mgtt msg. with event on topic  'evt/outbound/berlin_01' Use following command to  create sample event:  c8y events createdevice  "YOUR_DEVICE_ID"data  'bus_event="stop_event",  text="Bus was stopped  today!", type="c8y_BusEvent"'
54	JSON OUTBOUND	<pre>publishTopic:</pre>	{     "type": "c8y_BusEvent",     "text": "Bus was stopped",     "time": "2022-08-05T00:14:49.389+02:00",     "bus_event": "stop_event" }	<pre>"deviceId": "909090",    "description": "This is a new test event.",    "time": "2022-08-05T00:14:49.389+02:00",    "eventType": "TestEvent",    "bus_event": "stop_event",    " TOPIC LEVEL": [         "evt",         "outbound",         "berlin_01" ]</pre>	Publish msg. to kafka with event on topic 'ednvcfnr-event' Use following command to create sample event: 89 events createdevice "YOUR DEVICE ID"data 'bus event="stop event", text="Bus was stopped today!", type="c8y_BusEvent"'. The Cumulocity device id is added as key (message context).
55	JSON OUTBOUND check "Define substitutions as JavaScript"	publishTopic: measurement/measurements mappingTopicSample: measurement/measurements filterMapping: c8y TemperatureMeasurement.T.value > 10 filterInventory: type = "wika_FGW23" sub: are defined in the JavaScript code	{   "c8y_TemperatureMeasurement": {     "value": 110,     "unit": "C"   } }, "time": "2022-08-05T00:14:49.389+02:00",   "type": "c8y_TemperatureMeasurement", }	<pre>"Temperature": {     "value": 110,     "unit": "C" },     "source": {         "id": "878275" },     "time": "2022-08-05T00:14:49.389+02:00",     "type": "c3y TemperatureProcessed",         "CONTEXT_DATA_": {         "key": "key-sample",         "method": "PoST",         "publishTopic": "measurement/measurements" },     "TOPIC_LEVEL_": [         "measurement",         "measurement",         "measurement",         "measurement",         "measurements" }</pre>	This outbound mapping listens to C8y_TemperatureMeasurement and creates a new measurement of type c8y_TemperatureProcessed
56	JSON OUTBOUND check "Define substitutions as JavaScript"	publishTopic: inventory/managedObjects/# mappingTopicSample: inventory/managedObjects/+ filterMapping: type = "c8y_Uplink" filterInventory: type = "wika_PGW23" check: Use message context  sub: are defined in the JavaScript code	<pre>"id": "74292",    "time": "2025-04-01T23:06:58.794+02:00",    "text": "New uplink event: 2025-04-01T23:06:58.794+02:00",    "source":    "name": "PDM23 - 102030",    "id": "9375325" },    "type": "c8y_Uplink",    "bytes": [    1,    0,    35,    90,    185,    35,    110 ],    "IDENTITY_": {     "c8ySourceId": "909090" }</pre>	<pre>"TOPIC_LEVEL_": [     "inventory",     "managedObjects",     "+"  ],     "CONTEXT_DATA_": {     "key": "key-sample",     "method": "POST",     "publishTopic": "inventory/managedObjects/#" } }</pre>	This outbound mapping listens to events of type "c8y_Uplink" and extracts data for the fragment W2a configuration. The inventory of this device is updated. Additionally this update is a merge/ patch of the existing fragment W2a_configuration.