

Shared properties

The properties below are base and applicable to any device type.

Info:

Name	Data type	Unit of measurement	Valid values	Default value	Description
name	string	N/A	N/A	N/D	Defines user-friendly device name
uid	string	N/A	N/A	N/D	Defines device UID
type	string	N/A	N/A	N/D	Defines device type
softwareName	string	N/A	N/A	N/D	Defines device software name provided by device
softwareVersion	string	N/A	N/A	N/D	Defines device software version provided by device
deviceClass	string	N/A	<class name>	N/D	Defines name of class implementing device logic

Properties:

Name	Data type	Unit of measurement	Valid values	Default value	Description
enabled	boolean	N/A	true/false	true	Enables or disables devices. Disabled devices will not be able to start
persistTelemetry	boolean	N/A	true/false	true	Enables or disables persisting telemetry to local database
numThreads	integer	N/A	0-2147483647 (0x7fffffff)	1	Defines size of thread pool executors. (Not used currently)
maxPollingIntervalMs	long	milliseconds	0-9223372036854775807 (0x7fffffffffffffff)	1000	Defines interval between attempts of polling telemetry from devices
publishLocal	boolean	N/A	true/false	false	Enables or disables sending telemetry via local UDP forwarder
externalPropertyFile	string	N/A	<path to file>	N/D	Defines path to external file containing additional device properties
externalIniFile	string	N/A	<path to file>	N/D	Defines path to external sectioned .ini file containing additional device properties Makes sense only in case if externalPropertyFile is defined
externalIniFileSection	string	N/A	N/A	N/D	Defines name of section of .ini file to be read in case if externalIniFile is defined
dataParsingScriptFilename	string	N/A	<path to file>	N/D	Defines path to external file containing JS code that should parse received data and extract telemetry from it
sendTelemetryToCloud	boolean	N/A	true/false	true	Enables or disables sending telemetry to cloud
sendTelemetryToLocalMQTT	boolean	N/A	true/false	false	Enables or disables sending telemetry via local MQTT broker
mqttLocalTelemetryUrl	string	N/A	<URL>	tcp://localhost:1883	Defines address of MQTT broker to be used to publish telemetry locally Makes sense only in case if sendTelemetryToLocalMQTT is set to true
mqttLocalTelemetryTopic	string	N/A	N/A	local-telemetry	Defines name topic to be used to publish telemetry locally Makes sense only in case if sendTelemetryToLocalMQTT is set to true
allowDeviceCommandFromLocalMQTT	boolean	N/A	true/false	false	Enables or disables receiving commands via local MQTT broker

mqttLocalCommandUrl	string	N/A	<URL>	tcp://localhost:1883	<p>Defines address of MQTT broker to be used to receive commands and send responses</p> <p>Makes sense only in case if allowDeviceCommandFromLocalMQTT is set to true</p>
mqttLocalCommandTopic	string	N/A	N/A	local-command	<p>Defines name topic to be used to receive commands locally</p> <p>Makes sense only in case if allowDeviceCommandFromLocalMQTT is set to true</p>
mqttLocalResponseTopic	string	N/A	N/A	local-response	<p>Defines name topic to be used to send responses on commands received locally</p> <p>Makes sense only in case if allowDeviceCommandFromLocalMQTT is set to true</p>