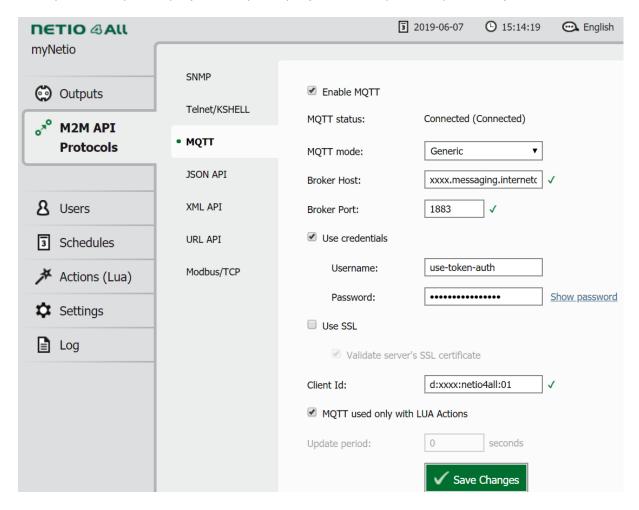
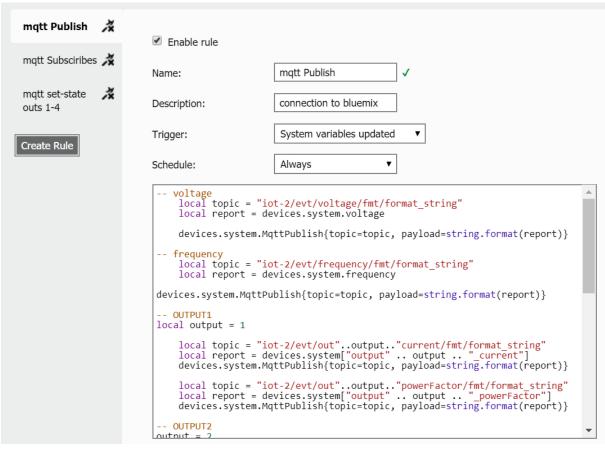
LUA by se dala napsat i lépe, je to rozepsané pro jednotlivé topics a outputs. xxxx je ID v cloudu.



Broker host: xxxx.messaging.internetofthings.ibmcloud.com



-- voltage | local topic = "iot-2/evt/voltage/fmt/format_string" | local report = devices.system.voltage | devices.system.MqttPublish{topic=topic, payload=string.format(report)} | -- frequency | local topic = "iot-2/evt/frequency/fmt/format_string" | local report = devices.system.frequency | devices.system.MqttPublish{topic=topic, payload=string.format(report)} | -- OUTPUT1 | local output = 1 | local topic = "iot-2/evt/out"..output.."current/fmt/format_string" | local report = devices.system["output" .. output .. "_current"] | devices.system.MqttPublish{topic=topic, payload=string.format(report)}

local topic = "iot-2/evt/out"..output.."powerFactor/fmt/format_string"
local report = devices.system["output" .. output .. "_powerFactor"]
devices.system.MqttPublish{topic=topic, payload=string.format(report)}

-- OUTPUT2 output = 2 local topic = "iot-2/evt/out"..output.."current/fmt/format_string"
local report = devices.system["output" .. output .. "_current"]
devices.system.MqttPublish{topic=topic, payload=string.format(report)}

local topic = "iot-2/evt/out"..output.."powerFactor/fmt/format_string"
local report = devices.system["output" .. output .. "_powerFactor"]
devices.system.MqttPublish{topic=topic, payload=string.format(report)}

-- OUTPUT3 output = 3

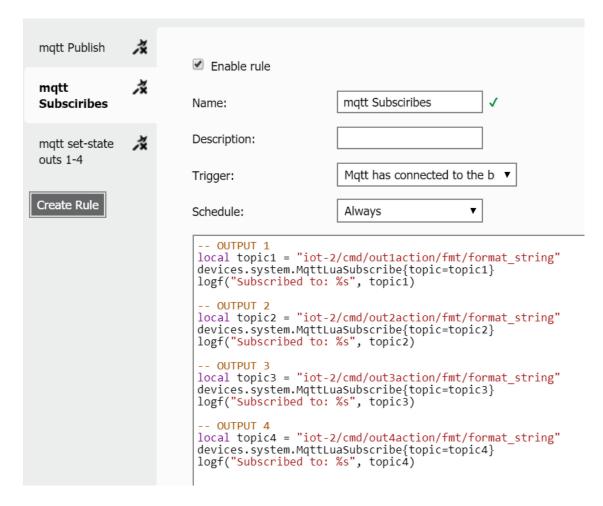
local topic = "iot-2/evt/out"..output.."current/fmt/format_string"
local report = devices.system["output" .. output .. "_current"]
devices.system.MqttPublish{topic=topic, payload=string.format(report)}

local topic = "iot-2/evt/out"..output.."powerFactor/fmt/format_string"
local report = devices.system["output" .. output .. "_powerFactor"]
devices.system.MqttPublish{topic=topic, payload=string.format(report)}

-- OUTPUT4 output = 4

local topic = "iot-2/evt/out"..output.."current/fmt/format_string"
local report = devices.system["output" .. output .. "_current"]
devices.system.MqttPublish{topic=topic, payload=string.format(report)}

local topic = "iot-2/evt/out"..output.."powerFactor/fmt/format_string"
local report = devices.system["output" .. output .. "_powerFactor"]
devices.system.MqttPublish{topic=topic, payload=string.format(report)}



-- OUTPUT 1

local topic1 = "iot-2/cmd/out1action/fmt/format_string"
devices.system.MqttLuaSubscribe{topic=topic1}
logf("Subscribed to: %s", topic1)

-- OUTPUT 2

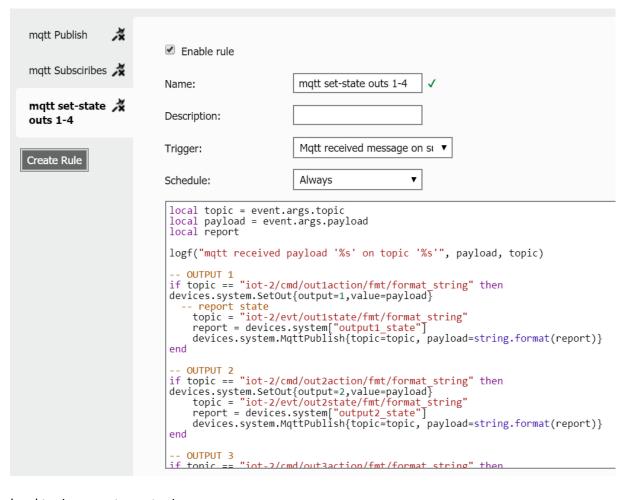
local topic2 = "iot-2/cmd/out2action/fmt/format_string"
devices.system.MqttLuaSubscribe{topic=topic2}
logf("Subscribed to: %s", topic2)

-- OUTPUT 3

local topic3 = "iot-2/cmd/out3action/fmt/format_string"
devices.system.MqttLuaSubscribe{topic=topic3}
logf("Subscribed to: %s", topic3)

-- OUTPUT 4

local topic4 = "iot-2/cmd/out4action/fmt/format_string"
devices.system.MqttLuaSubscribe{topic=topic4}
logf("Subscribed to: %s", topic4)



```
local topic = event.args.topic
local payload = event.args.payload
local report
logf("mqtt received payload '%s' on topic '%s'", payload, topic)
-- OUTPUT 1
if topic == "iot-2/cmd/out1action/fmt/format_string" then
devices.system.SetOut{output=1,value=payload}
 -- report state
       topic = "iot-2/evt/out1state/fmt/format string"
       report = devices.system["output1 state"]
        devices.system.MqttPublish{topic=topic, payload=string.format(report)}
end
-- OUTPUT 2
if topic == "iot-2/cmd/out2action/fmt/format_string" then
devices.system.SetOut{output=2,value=payload}
       topic = "iot-2/evt/out2state/fmt/format_string"
       report = devices.system["output2 state"]
       devices.system.MqttPublish{topic=topic, payload=string.format(report)}
end
-- OUTPUT 3
```

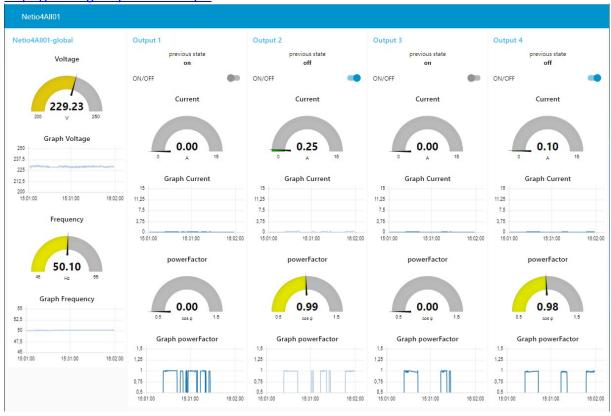
if topic == "iot-2/cmd/out3action/fmt/format_string" then

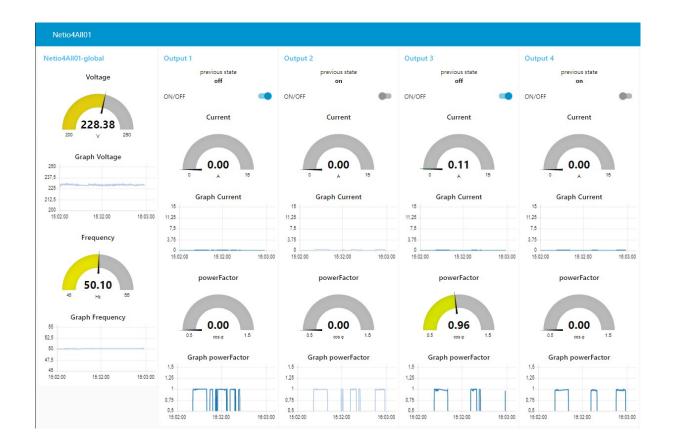
(publikování stavu outputX_state ale odpovídá předchozímu stavu před provedením scriptu)

konfigurační soubory LUA:

mqtt_publish.txt mqtt_subscribe.txt mqtt_set-state.txt

https://xx.eu-gb.mybluemix.net/ui







konfigurační soubory flow Node-RED: Netio4All01-global.json n4a01-Out1.json n4a01-Out2.json n4a01-Out3.json n4a01-Out4.json