

BROKER TEST:

162.0.233.47:1883

NEXACON API

Login

<https://162.0.233.47:8001/api/v1.0/nexacon-auth/login/>

```
{  
  "username": "nicho",  
  "password": "1234"  
}
```

register the devices

<https://162.0.233.47:8001/api/v1.0/iot-core/device-registration/>

```
{  
  
  // important  
  "device_mqtt_username": "shelly-duo-smart-lightd1",  
  "id": "ShellyBulbDuo-D16251447wdwed1",  
  "device_mqtt_password": "llllsllsll830jwejf0d",  
  // les important  
  "type_id": 2,  
  "is_online": true,  
  "thumbnail": "",  
  "lat": -1.2921,  
  "lon": 36.8219,  
  "custom_name": "Living Room Smart Bulb",  
  "category": "1",  
  "ip_address": "192.168.1.100",  
  "mac": "98F4ABD16251",
```

```
"asset_id": "1",
"protocol": "mqtt",
"model": "Shelly Bulb Duo",
"firmware_version": "1.0",
"time_zone": "Africa/Nairobi",
"active_status": "Active",

// important
"commands": [
{
  "code": "set",
  "name": "Power Control",
  "description": "Turn the device on/off",
  "topic": "shellies/ShellyBulbDuo-D16251/light/0/command",
  "values": {
    "type": "string",
    "enum": ["on", "off", "toggle"],
    "default": "on"
  }
}
]
}

// {  

//   "code": "brightness",
//   "name": "Brightness Control",
//   "description": "Set the brightness level",
//   "topic": "shellies/ShellyBulbDuo-D16251/light/0/set",
//   "values": {
//     "type": "integer",
//     "min": 0,
//     "max": 100,
//     "step": 1,
//     "default": 50
//   }
// }
```

```

// }
// },
// {
// "code": "temp",
// "name": "Color Temperature",
// "description": "Set the color temperature (2700K-6500K)",
// "topic": "shellies/ShellyBulbDuo-D16251/light/0/set",
// "values": {
//   "type": "integer",
//   "min": 2700,
//   "max": 6500,
//   "step": 100,
//   "default": 3500
// }
// },
// {
// "code": "status",
// "name": "Device Status",
// "description": "Get current device status",
// "topic": "shellies/ShellyBulbDuo-D16251/light/0/status",
// "values": {
//   "type": "object",
//   "readonly": true
// }
// }

```

Control Devices

<https://162.0.233.47:8001/api/v1.0/iot-core/control/>

```
{
"device_id": "ShellyBulbDuo-D16251",
"command": "set",
```

```
"payload": {  
    "turn": "off"  
},  
    "qos": 1  
}
```