



Add a Z-Wave Configuration Parameter

- get list of settings for devices:

```
{ "method": "hub.device.settings.list", "id": "_ID_", "params": {} }
```

- get the list of settings:

```
{
  "api": "1.0",
  "error": null,
  "id": "_ID_",
  "method": "hub.device.settings.list",
  "result": {
    "settings": [
      {
        "_id": "60e8895f9392694a60255f10",
        "description": {
          "text": "Inside handle ids that can be managed from door lock configuration"
        },
        "deviceId": "60e8895e9392694a60255eff",
        "enum": {
          "1": {
            "text": "Handle 1"
          },
          "2": {
            "text": "Handle 2"
          },
          "3": {
            "text": "Handle 3"
          },
          "4": {
            "text": "Handle 4"
          }
        },
        "label": {
          "text": "Supported inside handle ids"
        },
        "status": "syncd",
        "value": [],
        "valueType": "array.token"
      },
      {
        "_id": "60e8895f9392694a60255f0e",
        "description": {
          "text": "Are timed operations enabled"
        },
        "deviceId": "60e8895e9392694a60255eff",
        "label": {
          "text": "Are timed operations enabled"
        },
        "status": "syncd",
```

```

        "value": false,
        "valueType": "bool"
    },
    {
        "_id": "60e8895f9392694a60255f0f",
        "description": {
            "text": "Time in seconds before door lock will automatically locked after timed
operation"
        },
        "deviceId": "60e8895e9392694a60255eff",
        "label": {
            "text": "Lock timeout"
        },
        "status": "syncd",
        "value": 7,
        "valueType": "int"
    },
    {
        "_id": "60e8895e9392694a60255f0c",
        "description": {
            "text": "Rediscover (repeat interview) device"
        },
        "deviceId": "60e8895e9392694a60255eff",
        "label": {
            "text": "Rediscover device"
        },
        "status": "syncd",
        "value": {
            "lang_tag": "rediscover_tag",
            "text": "Rediscover"
        },
        "valueType": "action"
    },
    {
        "_id": "60e8895f9392694a60255f11",
        "description": {
            "text": "Outside handle ids that can be managed from door lock configuration"
        },
        "deviceId": "60e8895e9392694a60255eff",
        "enum": {
            "1": {
                "text": "Handle 1"
            },
            "2": {
                "text": "Handle 2"
            },
            "3": {
                "text": "Handle 3"
            },
            "4": {
                "text": "Handle 4"
            }
        }
    },
    {

```

```

        "label": {
            "text": "Supported outside handle ids"
        },
        "status": "syncd",
        "value": [],
        "valueType": "array.token"
    },
    {
        "_id": "60e8895f9392694a60255f0d",
        "description": {
            "lang_tag": "zwave_device_configuration_descr",
            "text": "Specific Z-Wave configuration parameters"
        },
        "deviceId": "60e8895e9392694a60255eff",
        "elementType": "zwave_configuration",
        "label": {
            "lang_tag": "zwave_device_configuration",
            "text": "Z-Wave Configurations"
        },
        "value": null,
        "valueType": "dictionary"
    }
]
},
"sender": {
    "conn_id": "8860cbd3-6167-4be7-a134-0d8de221532f",
    "type": "ui"
}
}
- identify the dictionary item needed for z-wave configurations which for this example is:

```

```

{
    "_id": "60e8895f9392694a60255f0d",
    "description": {
        "lang_tag": "zwave_device_configuration_descr",
        "text": "Specific Z-Wave configuration parameters"
    },
    "deviceId": "60e8895e9392694a60255eff",
    "elementType": "zwave_configuration",
    "label": {
        "lang_tag": "zwave_device_configuration",
        "text": "Z-Wave Configurations"
    },
    "value": null,
    "valueType": "dictionary"
}
]
}

```

- we then use the item id "60e8895f9392694a60255f0d" to set a new config param:

```

{
    "method": "hub.device.setting.dictionary.value.set",

```

```

    "id": "_ID_",
    "params": {
      "_id": "60e8895f9392694a60255f0d",
      "key": "abc",
      "value": {
        "name": "Parameter 2",
        "description": "Parameter 2",
        "format": "dec",
        "number": 2,
        "size": 1,
        "value": 255
      }
    }
  }
}

```

- after adding the dictionary item it will be updated:

```

{ "_id": "60e8895f9392694a60255f0d", "description": { "lang_tag": "zwave_device_configuration_descr", "text": "Specific Z-Wave configuration parameters" }, "deviceId": "60e8895e9392694a60255eff", "elementType": "zwave_configuration", "label": { "lang_tag": "zwave_device_configuration", "text": "Z-Wave Configurations" },
  "value": {
    "abc": {
      "description": "Parameter 2", "format": "dec",
      "hasSetter": true,
      "name": "Parameter 2",
      "number": 2,
      "size": 1,
      "status": "syncd",
      "value": 255
    }
  },
  "valueType": "dictionary"
}
]
}

```