

Edgeline Configuration

1. Add Device

General Information

Enable

Name:

Device Type:

Device Model

Unit Number:

Tag Write Type:

Description:

Add device name as prefix to IO tags

TCP/IP

IP/Domain:

Port Number:

Extention Properties

OID Prefix:

OID Count per Request:

SNMP Version:

[v1,v2c] Read Community:

[v1,v2c] Write Community:

[v3] Security Name:

[v3] Authentication Protocol:

[v3] Authentication Protocol Passphrase:

[v3] Privacy Protocol:

[v3] Privacy Protocol Passphrase:

Device Type: SNMP

Unit Number: Different from other device is ok.

IP/Domain: The IP or domain of SNMP Server.

Port Number: The port of SNMP Server, default is 161.

OID Prefix: If it is enabled, it will be added to the front of the tag address which have no "." in front of the address.

OID Count per Request: The OID count in one request. Default is 100.

Example: There are 5 tags. If you write the wrong address in one of the tags.

Disable the parameter: all OIDs are in one request. Because one of the OID is wrong, we will get a wrong request. So we will not get any data of all the tags.

Enable the parameter and set to 1: One OID per request. Then only the tag with

wrong address have wrong request. So, except the wrong address's tag, other tags will get data.

SNMP Version: The version of the SNMP Server.

The parameters below are only for the SNMP version v1 and v2c, please follow the configuration of the SNMP Server.

[v1,v2c] Read Community:

[v1,v2c] Write Community:

The parameters below are only for V3, please follow configuration of the SNMP Server.

[v3] Security Name:

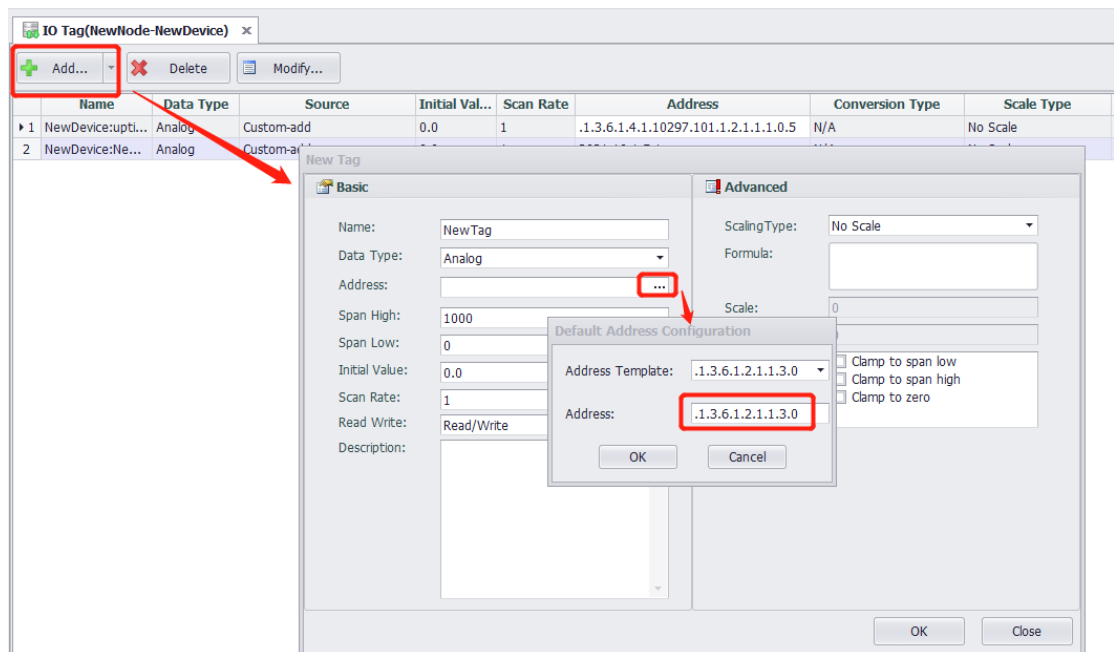
[v3] Authentication Protocol:

[v3] Authentication Protocol Passphrase:

[v3] Privacy Protocol:

[v3] Privacy Protocol Passphrase:

2. Add Tags



Address: The OID of the tag. (Only the format “.”+number can be used, string OID is not supported.)

Currently, the data types in SNMP server we have supported are as follows:

- ASN_INTEGER
- ASN_UIINTEGER
- ASN_TIMETICKS
- ASN_GAUGE
- ASN_COUNTER
- ASN_COUNTER64
- ASN_IPADDRESS
- ASN_OPAQUE_FLOAT
- ASN_OPAQUE_DOUBLE
- ASN_OPAQUE_U64
- ASN_OPAQUE_I64
- ASN_OPAQUE_COUNTER64

The following three types will be treated as numeric strings. For example
“123.12” or “0x12abc”

- ASN_OCTET_STR
- ASN_BIT_STR
- ASN_OPAQUE