



Taiwan Testing and Certification Center

Information and Communication Technology Service Lab.

No.8, Ln. 29, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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Test Report No : 24-08-CAV-015-01

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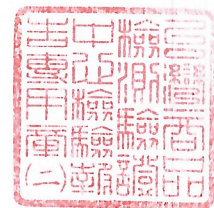
Taiwan Testing and Certification Center

## OpenADR Test Report

**Product Type : VEN**

**Product Name : AI-RIDER VEN**

**OpenADR Profile : 2.0b**





Taiwan Testing and Certification Center

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**1. Test Report Summary**

|                        |                                                                                                                                                                                    |                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Test Report No         | 24-08-CAV-015-01                                                                                                                                                                   |                                                                                  |
| Test specification     | <ul style="list-style-type: none"> <li>OpenADR 2.0a Certification Test Specification Version 1.1.2</li> <li>OpenADR 2.0b Certification Test Specification Version 1.1.2</li> </ul> |                                                                                  |
| Client Name            | AI-RIDER Corp.                                                                                                                                                                     |                                                                                  |
| Client Address         | 21F.-4, No. 266, Sec. 1, Wenhua 2nd Rd., Linkou Dist., New Taipei City 244, Taiwan (R.O.C.)                                                                                        |                                                                                  |
| DUT Information        | Product Name                                                                                                                                                                       | AI-RIDER VEN                                                                     |
|                        | Product Model Number                                                                                                                                                               | AI-RIDER VEN                                                                     |
|                        | Product Type                                                                                                                                                                       | <input type="checkbox"/> VTN <input checked="" type="checkbox"/> VEN             |
|                        | Hardware Version                                                                                                                                                                   | N/A                                                                              |
|                        | Firmware Version                                                                                                                                                                   | N/A                                                                              |
|                        | OpenADR Profile                                                                                                                                                                    | <input type="checkbox"/> 2.0a <input checked="" type="checkbox"/> 2.0b           |
|                        | Security                                                                                                                                                                           | <input type="checkbox"/> ECC <input checked="" type="checkbox"/> RSA             |
|                        | Transport Protocol                                                                                                                                                                 | <input checked="" type="checkbox"/> Simple HTTP <input type="checkbox"/> XMPP    |
|                        | Pull and Push Mode                                                                                                                                                                 | <input checked="" type="checkbox"/> Pull Mode <input type="checkbox"/> Push Mode |
| Test result            | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> Inconclusive_____                                                                  |                                                                                  |
| Date of Sample Receipt | 2024/08/28                                                                                                                                                                         |                                                                                  |
| Date of Testing Start  | 2024/08/28                                                                                                                                                                         |                                                                                  |
| Date of Testing Finish | 2024/09/02                                                                                                                                                                         |                                                                                  |
| Testing Laboratory     | Taiwan Testing and Certification Center                                                                                                                                            |                                                                                  |
| Note                   | This test report only relates to the test sample.<br>Without permission of the test center this test report is not permitted to be duplicated in extracts.                         |                                                                                  |

|                               |             |                                                                                      |
|-------------------------------|-------------|--------------------------------------------------------------------------------------|
| Test by:                      | Reviewed by | Approved by :                                                                        |
| Albert Hsieh                  | Ray Lin     |  |
| Date of Issue : Sep. 02, 2024 |             |                                                                                      |

## 2. Test Enviroment

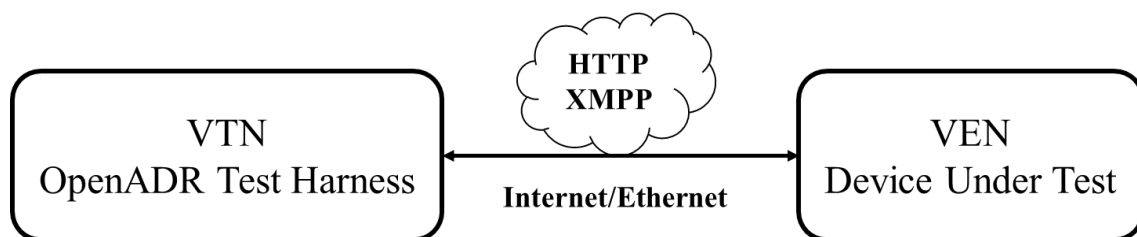
### 2.1 Testing Laboratory

- Lab name: Taiwan Testing and Certification Center  
Information and Communication Technology Service Lab.
- Address: No.8, Ln. 29, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

### 2.2 Test Equipment

- OpenADR 2.0 A & B Test Harness
  - QualityLogic OpenADR2.0aCertTest - v1.1.7
  - QualityLogic OpenADR2.0bCertTest - v1.1.7

### 2.3 Test Setup



**3. Test Results Summary****3.1 Summary Test Result****DUT Test Profile:****2.0b VEN Pull Mode Tests: Passed****3.2 Test Result Data Table****Table 1 、 Pull Mode Test Result**

| No.                                           | Test Case Name   | Result | Log                            |
|-----------------------------------------------|------------------|--------|--------------------------------|
| <b>EiRegisterParty Service Test Scenarios</b> |                  |        |                                |
| 01                                            | N1_0010_TH_VTN_1 | PASS   | TraceLog_082824_132628_386.txt |
| 02                                            | N1_0015_TH_VTN_1 | PASS   | TraceLog_082824_132151_636.txt |
| 03                                            | N1_0020_TH_VTN_1 | PASS   | TraceLog_082824_103641_642.txt |
| 04                                            | N1_0025_TH_VTN_1 | PASS   | TraceLog_082824_133040_735.txt |
| 05                                            | N1_0030_TH_VTN_1 | PASS   | TraceLog_082824_132806_273.txt |
| 06                                            | N1_0040_TH_VTN_1 | PASS   | TraceLog_082824_132419_794.txt |
| 07                                            | N1_0050_TH_VTN_1 | PASS   | TraceLog_082824_132332_540.txt |
| 08                                            | N1_0060_TH_VTN_1 | PASS   | TraceLog_082824_133534_134.txt |
| 09                                            | N1_0065_TH_VTN_1 | PASS   | TraceLog_082824_133206_207.txt |
| 10                                            | N1_0070_TH_VTN_1 | PASS   | TraceLog_082824_133651_446.txt |
| 11                                            | N1_0080_TH_VTN_1 | NA     | TraceLog_082824_133820_687.txt |
| <b>EiOpt Service Test Scenarios</b>           |                  |        |                                |
| 01                                            | P1_2010_TH_VTN_1 | PASS   | TraceLog_082824_134621_814.txt |
| 02                                            | P1_2015_TH_VTN_1 | PASS   | TraceLog_082824_134714_867.txt |
| 03                                            | P1_2020_TH_VTN_1 | PASS   | TraceLog_082824_135141_105.txt |
| 04                                            | P1_2030_TH_VTN_1 | PASS   | TraceLog_082824_140336_506.txt |
| 05                                            | P1_2040_TH_VTN_1 | PASS   | TraceLog_082824_140818_835.txt |
| 06                                            | P1_2050_TH_VTN_1 | NA     | TraceLog_082824_141106_296.txt |
| <b>EiReport Service Test Scenarios</b>        |                  |        |                                |
| 01                                            | R1_3010_TH_VTN_1 | PASS   | TraceLog_082924_101412_836.txt |
| 02                                            | R1_3020_TH_VTN_1 | PASS   | TraceLog_082924_101610_568.txt |
| 03                                            | R1_3025_TH_VTN_1 | PASS   | TraceLog_082924_102115_696.txt |
| 04                                            | R1_3027_TH_VTN_1 | PASS   | TraceLog_082924_102531_775.txt |
| 05                                            | R1_3030_TH_VTN_1 | PASS   | TraceLog_082924_103050_763.txt |
| 06                                            | R1_3040_TH_VTN_1 | PASS   | TraceLog_082924_103739_848.txt |
| 07                                            | R1_3045_TH_VTN_1 | PASS   | TraceLog_082924_103833_707.txt |
| 08                                            | R1_3050_TH_VTN_1 | PASS   | TraceLog_082924_104053_898.txt |
| 09                                            | R1_3060_TH_VTN_1 | PASS   | TraceLog_082924_104439_141.txt |
| 10                                            | R1_3070_TH_VTN_1 | SKIP   |                                |
| 11                                            | R1_3080_TH_VTN_1 | SKIP   |                                |
| 12                                            | R1_3090_TH_VTN_1 | SKIP   |                                |
| 13                                            | R1_3100_TH_VTN_1 | SKIP   |                                |
| 14                                            | R1_3120_TH_VTN_1 | SKIP   |                                |
| 15                                            | R1_3130_TH_VTN_1 | SKIP   |                                |
| 16                                            | R1_3150_TH_VTN_1 | PASS   | TraceLog_082924_110114_555.txt |
| 17                                            | R1_3160_TH_VTN_1 | PASS   | TraceLog_082924_110244_900.txt |

|                                            |                    |      |                                |
|--------------------------------------------|--------------------|------|--------------------------------|
| 18                                         | R1_3170_TH_VTN_1   | PASS | TraceLog_082924_110720_656.txt |
| 19                                         | R1_3180_TH_VTN_1   | PASS | TraceLog_082924_110920_927.txt |
| 20                                         | R1_3190_TH_VTN_1   | PASS | TraceLog_082924_111306_035.txt |
| <b>EiEvent Service Test Scenarios</b>      |                    |      |                                |
| 01                                         | E1_1010_TH_VTN_1   | PASS | TraceLog_082824_141201_620.txt |
| 02                                         | E1_1020_TH_VTN_1   | PASS | TraceLog_082824_141238_643.txt |
| 03                                         | E1_1025_TH_VTN_1   | PASS | TraceLog_082824_141405_756.txt |
| 04                                         | E1_1027_TH_VTN_1   | PASS | TraceLog_082824_141507_032.txt |
| 05                                         | E1_1030_TH_VTN_1   | PASS | TraceLog_082824_152433_240.txt |
| 06                                         | E1_1040_TH_VTN_1   | PASS | TraceLog_082824_152537_444.txt |
| 07                                         | E1_1050_TH_VTN_1   | PASS | TraceLog_082824_153039_357.txt |
| 08                                         | E1_1055_TH_VTN_1   | PASS | TraceLog_082824_153153_599.txt |
| 09                                         | E1_1060_TH_VTN_1   | PASS | TraceLog_082824_153414_796.txt |
| 10                                         | E1_1065_TH_VTN_1   | NA   | TraceLog_082824_153522_308.txt |
| 11                                         | E1_1070_TH_VTN_1   | PASS | TraceLog_082824_153535_088.txt |
| 12                                         | E1_1080_TH_VTN_1   | PASS | TraceLog_082824_153608_476.txt |
| 13                                         | E1_1090_TH_VTN_1   | PASS | TraceLog_082824_153731_275.txt |
| <b>EiEvent Ported A Profile Test Cases</b> |                    |      |                                |
| 01                                         | A_E1_0020_TH_VTN_1 | PASS | TraceLog_082824_154028_961.txt |
| 02                                         | A_E1_0040_TH_VTN_1 | PASS | TraceLog_082824_154205_633.txt |
| 03                                         | A_E1_0060_TH_VTN_1 | PASS | TraceLog_082824_154303_194.txt |
| 04                                         | A_E1_0070_TH_VTN_1 | PASS | TraceLog_082824_154438_163.txt |
| 05                                         | A_E1_0082_TH_VTN_1 | PASS | TraceLog_082824_154556_754.txt |
| 06                                         | A_E1_0086_TH_VTN_1 | PASS | TraceLog_082824_154655_592.txt |
| 07                                         | A_E1_0090_TH_VTN_1 | PASS | TraceLog_082824_154806_897.txt |
| 08                                         | A_E1_0092_TH_VTN_1 | PASS | TraceLog_082824_154927_616.txt |
| 09                                         | A_E1_0094_TH_VTN_1 | PASS | TraceLog_082824_155053_986.txt |
| 10                                         | A_E1_0096_TH_VTN_1 | PASS | TraceLog_090224_110832_595.txt |
| 11                                         | A_E1_0098_TH_VTN_1 | PASS | TraceLog_082824_155655_089.txt |
| 12                                         | A_E1_0100_TH_VTN_1 | PASS | TraceLog_082824_155813_853.txt |
| 13                                         | A_E1_0102_TH_VTN_1 | PASS | TraceLog_082824_155906_518.txt |
| 14                                         | A_E1_0104_TH_VTN_1 | PASS | TraceLog_082824_155959_982.txt |
| 15                                         | A_E1_0110_TH_VTN_1 | PASS | TraceLog_082824_160044_401.txt |
| 16                                         | A_E1_0130_TH_VTN_1 | PASS | TraceLog_082824_160134_200.txt |
| 17                                         | A_E1_0180_TH_VTN_1 | PASS | TraceLog_082824_160244_226.txt |
| 18                                         | A_E1_0190_TH_VTN_1 | PASS | TraceLog_082824_160344_735.txt |
| 19                                         | A_E1_0200_TH_VTN_1 | PASS | TraceLog_082924_115805_658.txt |
| 20                                         | A_E1_0210_TH_VTN_1 | PASS | TraceLog_082824_160606_113.txt |
| 21                                         | A_E1_0220_TH_VTN_1 | PASS | TraceLog_082824_161204_073.txt |
| 22                                         | A_E1_0230_TH_VTN_1 | PASS | TraceLog_082824_161735_513.txt |
| 23                                         | A_E1_0240_TH_VTN_1 | PASS | TraceLog_082824_162513_495.txt |
| 24                                         | A_E1_0250_TH_VTN_1 | PASS | TraceLog_082824_162800_881.txt |
| 25                                         | A_E1_0260_TH_VTN_1 | PASS | TraceLog_082824_165211_505.txt |
| 26                                         | A_E1_0262_TH_VTN_1 | PASS | TraceLog_082824_171357_955.txt |
| 27                                         | A_E1_0267_TH_VTN_1 | PASS | TraceLog_082824_174124_616.txt |
| 28                                         | A_E1_0268_TH_VTN_1 | PASS | TraceLog_082824_175937_474.txt |
| 29                                         | A_E1_0270_TH_VTN_1 | PASS | TraceLog_082824_180435_320.txt |
| 30                                         | A_E1_0280_TH_VTN_1 | PASS | TraceLog_082824_181639_006.txt |
| 31                                         | A_E1_0285_TH_VTN_1 | PASS | TraceLog_082824_181953_639.txt |

|                        |                    |      |                                |
|------------------------|--------------------|------|--------------------------------|
| 32                     | A_E1_0300_TH_VTN_1 | PASS | TraceLog_082824_182036_474.txt |
| 33                     | A_E1_0310_TH_VTN_1 | PASS | TraceLog_082824_182153_815.txt |
| 34                     | A_E1_0340_TH_VTN_1 | PASS | TraceLog_082824_182323_353.txt |
| 35                     | A_E1_0345_TH_VTN_1 | PASS | TraceLog_082824_182417_535.txt |
| 36                     | A_E1_0360_TH_VTN_1 | PASS | TraceLog_082824_182514_828.txt |
| 37                     | A_E1_0370_TH_VTN_1 | PASS | TraceLog_082824_183043_266.txt |
| 38                     | A_E1_0390_TH_VTN_1 | PASS | TraceLog_082824_182624_026.txt |
| 39                     | A_E1_0392_TH_VTN_1 | PASS | TraceLog_082824_182735_230.txt |
| General Test Scenarios |                    |      |                                |
| 01                     | G1_4005_TH_VTN_1   | PASS | TraceLog_082924_113719_849.txt |
| 02                     | G1_4007_TH_VTN_1   | PASS | TraceLog_082924_113858_200.txt |
| 03                     | G1_4010_TH_VTN_1   | PASS | TraceLog_082924_114331_961.txt |
| 04                     | G1_4011_TH_VTN_1   | PASS | TraceLog_082824_183621_052.txt |
| 05                     | G1_4012_TH_VTN_1   | PASS | TraceLog_082824_183700_945.txt |
| 06                     | G1_4015_TH_VTN_1   | PASS | TraceLog_082824_183753_725.txt |
| 07                     | G1_4030_TH_VTN_1   | PASS | TraceLog_082824_183833_020.txt |

※The test result indicates “NA” that means the test cases are optional or not applicable to the tested device.

※The test result indicates “SKIP” that means the PICS test case guidelines allowed test case to be skipped.

※Log files for the executed test cases are provided in the electronic format.

4. Photos

Photo: DUT AI-RIDER VEN  
Registered Status

VTN, VEN Info and TLS Files

Registered

Secured

VTN URL:

https://172.31.0.32:8080/OpenADR2/Simple/2.0b

VTN ID:

TH\_VTN

VEN NAME:

DUT\_VEN

VEN ID:

VEN090224\_095155\_743

Registration ID:

REG090224\_095156\_256

Poll Frequency (seconds):

10

Cert File:

\_RSA\_VEN\_11111111111111111111\_cert.pem

Browse

Private Key File:

\_A\_VEN\_11111111111111111111\_privkey.pem

Browse

CA File:

ntli\_TEST\_OpenADR\_RSA\_Root.pem

Browse

Passphrase:

\*\*\*\*\*

Event Parameters

Current Events:

Opt-In

Opt-Out

Cancel All Events

Opt Parameters

Opt ID:

Opt ID

Opt Type:

optin

Opt Reason:

economic

Market Context:

http://MarketContext2

Devices:

Thermostat

Strip\_Heater

Availability:

Start Time:

3 Sep 2024 09:19:27

Set to Now

+1 Day

+3 Days

Duration (minutes):

240

4 Hours

8 Hours

Add Availability Period

Remove Selected Period

Clear All Period

Current Opts:

Create Opt

Cancel Opt

Clear All Opt

Report Parameters

Resource ID:

Resource ID

Callback:

collect\_report\_value

Report Name:

TELEMETRY\_STATUS

Report Type:

USAGE

Measurement:

ACTIVE\_ENERGY

Reading Type:

DIRECT\_READ

Sampling Rate (seconds):

60

Current Reports:

Resource ID: resource1, Callback: status\_callback  
Resource ID: resource1, Callback: collect\_report  
Resource ID: resource2, Callback: status\_callback  
Resource ID: resource2, Callback: collect\_report  
Resource ID: resource3, Callback: status\_callback  
Resource ID: resource3, Callback: collect\_report  
Resource ID: resource4, Callback: status\_callback  
Resource ID: resource4, Callback: collect\_report

Add Report

Remove Selected Report

Actions

Start VEN

Request Event

Create Party Registration

Create Party Re-registration

Stop VEN

Do Registration Sequence

Cancel Party Registration

Clear Report Request

Reset VEN

Clear Console

Query Party Registration

Send Metadata Report

Console

2024-09-02 09:51:53,536 - INFO - VEN is now registered with registration ID REG090224\_095156\_256 and venID VEN090224\_095155\_743.  
2024-09-02 09:51:53,536 - INFO - The polling frequency is 0:00:10  
2024-09-02 09:51:55,130 - INFO - Do implicit cancellation. Due to received empty events in oadrDistributeEvent  
2024-09-02 09:51:55,131 - INFO - No events in the VTN list, cancelling all received events.  
2024-09-02 09:51:55,131 - INFO - Now polling for new messages  
2024-09-02 09:51:55,532 - INFO - Received empty response from the VTN.  
VEN started.  
2024-09-02 09:52:05,597 - INFO - Now polling for new messages  
2024-09-02 09:52:05,894 - INFO - Received empty response from the VTN.  
2024-09-02 09:52:15,604 - INFO - Now polling for new messages  
2024-09-02 09:52:15,824 - INFO - Received empty response from the VTN.  
2024-09-02 09:52:25,598 - INFO - Now polling for new messages  
2024-09-02 09:52:25,828 - INFO - Received empty response from the VTN.  
2024-09-02 09:52:35,597 - INFO - Now polling for new messages  
2024-09-02 09:52:35,829 - INFO - Received empty response from the VTN.

Event Status

VTN, VEN Info and TLS Files

Registered

Secured

VTN URL:

https://172.31.0.32:8080/OpenADR2/Simple/2.0b

VTN ID:

TH\_VTN

VEN NAME:

DUT\_VEN

VEN ID:

VEN090224\_095155\_743

Registration ID:

REG090224\_095156\_256

Poll Frequency (seconds):

10

Cert File:

\_RSA\_VEN\_11111111111111111111\_cert.pem

Browse

Private Key File:

\_A\_VEN\_11111111111111111111\_privkey.pem

Browse

CA File:

ntli\_TEST\_OpenADR\_RSA\_Root.pem

Browse

Passphrase:

\*\*\*\*\*

Event Parameters

Current Events:

Event ID: Event090224\_095330\_939\_0

Opt-In

Opt-Out

Cancel All Events

Opt Parameters

Opt ID:

Opt ID

Opt Type:

optin

Opt Reason:

economic

Market Context:

http://MarketContext2

Devices:

Thermostat

Strip\_Heater

Availability:

Start Time:

3 Sep 2024 09:19:27

Set to Now

+1 Day

+3 Days

Duration (minutes):

240

4 Hours

8 Hours

Add Availability Period

Remove Selected Period

Clear All Period

Current Opts:

Create Opt

Cancel Opt

Clear All Opt

Report Parameters

Resource ID:

Resource ID

Callback:

collect\_report\_value

Report Name:

TELEMETRY\_STATUS

Report Type:

USAGE

Measurement:

ACTIVE\_ENERGY

Reading Type:

DIRECT\_READ

Sampling Rate (seconds):

60

Current Reports:

Resource ID: resource1, Callback: status\_callback  
Resource ID: resource1, Callback: collect\_report  
Resource ID: resource2, Callback: status\_callback  
Resource ID: resource2, Callback: collect\_report  
Resource ID: resource3, Callback: status\_callback  
Resource ID: resource3, Callback: collect\_report  
Resource ID: resource4, Callback: status\_callback  
Resource ID: resource4, Callback: collect\_report

Add Report

Remove Selected Report

Actions

Start VEN

Request Event

Create Party Registration

Create Party Re-registration

Stop VEN

Do Registration Sequence

Cancel Party Registration

Clear Report Request

Reset VEN

Clear Console

Query Party Registration

Send Metadata Report

Console

2024-09-02 09:53:28,352 - INFO - The VEN received an event  
2024-09-02 09:53:28,353 - INFO - Current time 2024-09-02 01:53:28.353268+00:00  
2024-09-02 09:53:28,356 - INFO - received event: {'event\_descriptor': {'event\_id': 'Event090224\_095330\_939\_0', 'modification\_number': 0, 'modification\_date\_time': datetime.datetime(2024, 9, 2, 1, 53, 30, tzinfo=datetime.timezone.utc), 'modification\_reason': 'Update', 'priority': 1, 'market\_context': 'http://MarketContext1', 'created\_date\_time': datetime.datetime(2024, 9, 2, 1, 53, 30, tzinfo=datetime.timezone.utc), 'event\_status': 'far', 'test\_event': False, 'vtn\_comment': 'Sample Payload'}, 'active\_period': {'dstart': datetime.datetime(2024, 9, 2, 2, 30, tzinfo=datetime.timezone.utc), 'duration': datetime.timedelta(seconds=300), 'notification': datetime.timedelta(seconds=60)}, 'event\_signals': [{'intervals': [{'duration': datetime.timedelta(seconds=300), 'uid': 0, 'signal\_payload': 3.14}], 'targets': [{'end\_device\_asset': {'mrid': 'Thermostat'}}, {'end\_device\_asset': {'mrid': 'Strip\_Heater'}}], 'targets\_by\_type': {'end\_device\_asset': [{'mrid': 'Thermostat'}, {'mrid': 'Strip\_Heater'}]}, 'signal\_name': 'ELECTRICITY\_PRICE', 'signal\_type': 'price', 'signal\_id': 'SIG\_02', 'current\_value': 0.0, 'measurement': {'name': 'currencyPerKWh', 'description': 'currencyPerKWh', 'unit': 'USD', 'scale': 'none'}}, {'targets': [{'resource\_id': 'resource1'}, {'resource\_id': 'resource2'}], 'targets\_by\_type': {'resource\_id': ['resource1', 'resource2']}, 'response\_required': 'always', 'error': None}  
2024-09-02 09:53:28,357 - INFO - Total event responses: 1  
2024-09-02 09:53:28,824 - INFO - response\_type: oadrResponse , response\_payload: {'response': {'response\_code': 200, 'request\_id': None}, 'ven\_id': 'VEN090224\_095155\_743'}  
2024-09-02 09:53:28,825 - INFO - Now polling for new messages  
2024-09-02 09:53:29,254 - INFO - Received empty response from the VTN.  
2024-09-02 09:53:35,596 - INFO - Now polling for new messages  
2024-09-02 09:53:35,960 - INFO - Received empty response from the VTN.  
2024-09-02 09:53:45,597 - INFO - Now polling for new messages  
2024-09-02 09:53:45,891 - INFO - Received empty response from the VTN.

OpenADR 2.0 VEN Simulator

VTN, VEN Info and TLS Files

✓ Registered

✓ Secured

VTN URL:

https://172.31.0.32:8080/OpenADR2/Simple/2.0b

VTN ID:

TH\_VTN

VEN NAME:

DUT\_VEN

VEN ID:

VEN090224\_095155\_743

Registration ID:

REG090224\_095156\_256

Poll Frequency (seconds):

10

Cert File:

RSA\_VEN\_11111111111111111111\_cert.pem

Browse

Private Key File:

SA\_VEN\_11111111111111111111\_privkey.pem

Browse

CA File:

ntnl\_TEST\_OpenADR\_RSA\_Root.pem

Browse

Passphrase:

\*\*\*\*\*

Event Parameters

Current Events:

Opt-In

Opt-Out

Cancel All Events

Opt Parameters

Opt ID:

Opt ID

Opt Type:

optIn

Opt Reason:

economic

Market Context:

http://MarketContext2

Devices:

Thermostat

Strip\_Heater

Availability:

Start Time:

3 Sep 2024 09:19:27

Set to Now

+1 Day

+3 Days

Duration (minutes):

240

4 Hours

8 Hours

Add Availability Period

Remove Selected Period

Clear All Period

Current Opts:

Create Opt

Cancel Opt

Clear All Opt

Actions

Start VEN

Request Event

Create Party Registration

Create Party Re-registration

Stop VEN

Do Registration Sequence

Cancel Party Registration

Clear Report Request

Reset VEN

Clear Console

Query Party Registration

Send Metadata Report

Report Parameters

Resource ID:

Resource ID

Callback:

collect\_report\_value

Report Name:

TELEMETRY\_STATUS

Report Type:

USAGE

Measurement:

ACTIVE\_ENERGY

Reading Type:

DIRECT\_READ

Sampling Rate (seconds):

60

Current Reports:

Resource ID: resource1, Callback: status\_callback  
Resource ID: resource1, Callback: collect\_report  
Resource ID: resource2, Callback: status\_callback  
Resource ID: resource2, Callback: collect\_report  
Resource ID: resource3, Callback: status\_callback  
Resource ID: resource3, Callback: collect\_report  
Resource ID: resource4, Callback: status\_callback  
Resource ID: resource4, Callback: collect\_report

Add Report

Remove Selected Report

Console

2024-09-02 09:55:01,001 - INFO - Running update\_report for reportReqID090224\_095501\_257

2024-09-02 09:55:01,002 - INFO - There is no report in progress

2024-09-02 09:55:01,002 - INFO - The number of intervals in the report is now 1

2024-09-02 09:55:01,002 - INFO - Report will be sent now.

2024-09-02 09:55:05,597 - INFO - Now polling for new messages

2024-09-02 09:55:06,018 - INFO - report\_request: {'report\_request\_id': 'ReportReqID090224\_095508\_257', 'report\_specifier': {'report\_specifier\_id': '98a15ac5-1d44-4069-aae0-1eb960291415', 'granularity': 'datetime.timedelta(seconds=60)', 'report\_back\_duration': 'datetime.timedelta(seconds=60)', 'report\_interval': {'dtstart': 'datetime.datetime(2024, 9, 2, 1, 55, 8, tzinfo=datetime.timezone.utc)', 'duration': 'datetime.timedelta(seconds=600)'}, 'specifier\_payloads': [{'r\_id': '3f5bd4e3-32a5-4b22-aaa9-2fb4c1d8bf85', 'reading\_type': 'x-notApplicable']}]}

2024-09-02 09:55:06,023 - INFO - report\_back\_duration: 0:01:00

2024-09-02 09:55:06,023 - INFO - granularity: 0:01:00

2024-09-02 09:55:06,024 - INFO - report\_to\_target\_interval: 0:01:00

2024-09-02 09:55:06,312 - INFO - Now polling for new messages

2024-09-02 09:55:06,631 - INFO - Received empty response from the VTN.

2024-09-02 09:55:08,000 - INFO - Running update\_report for ReportReqID090224\_095508\_257

2024-09-02 09:55:08,001 - INFO - There is no report in progress

2024-09-02 09:55:08,001 - INFO - The number of intervals in the report is now 1

2024-09-02 09:55:08,002 - INFO - Report will be sent now.