2st mWT Plugtest;
Remote Test Sessions
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Discovery Tests

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3. Discovery Tests

The Network Discovery Tests are referred to the following tests reported in the TestPlan document: TD_SSD_01, TD_SSD_02, TD_SSD_03.

For the full description of the Test Plan document that can be found at https://wiki.plugtests.net/mWT-Plugtests2/images/0/0b/MWT_Plugtest2_TestPlan_v0.14.docx.

The results of the tests are expressed in the form of the HTML report obtained after the execution of each collection test against the controller of each participant, after the execution of the TD_POSTMAN_INIT test for the setup of the global and environment variables.

4. Ceragon Tests Results

4.1 TD_SSD_01 Newman Report

Collection
TD_SSD_01
Description
Test Objective Issue a request via Postman to one individual domain controller, to check it's reachability and basic functionality, including (tentative list – to be further analyzed): 1. Support of Restconf 2. Support of the Data Models as specified in the "ETSI mWT ISG SDN Plugtest Data Model Library" document Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) See for example appendix B.1.2 of RFC8040: GET /restconf/data/ietf-yang-library:modules-state
Time
Tue Jul 07 2020 11:35:45 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2

0
Assertions
10
0

Total run duration
1755ms
Total data received
16.46KB (approx)
Average response time
548ms

Total Failures
0

Requests

TD_SSD_01-Step-1
Method
GET
URL
http://10.101.243.4:8181/rests/data/ietf-yang-library:modules-state

Mean time per request
548ms

Mean size per request
16.46KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body of the request should contain a list of all YANG modules	1	0
Needed YANG modules are supported	1	0

Name	Pass count	Fail count
ietf-network is supported with the right version	1	0
ietf-network-topology is supported with the right version	1	0
ietf-te-topology is supported with the right version	1	0
ietf-microwave-topology is supported with the right version	1	0
ietf-eth-te-topology is supported with the right version	1	0
ietf-eth-tran-service is supported with the right version	1	0
ietf-eth-tran-types is supported with the right version	1	0

4.2 TD_SSD_02 Newman Report

Collection
TD_SSD_02
Description
Interoperability Test Description TD_SDN_SNSD_02 The microwave topology information are requested from a single DC. The received information is compared to a template and checked for compliance. CFG_01 MW_8040, MW_8345, MW_TETOPO, MW_MWTOPO • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_02 (see E.2.2) 2 Validation The response body should contain information about the microwave topology in JSON format as specified in Annex D.
Time
Tue Jul 07 2020 11:36:12 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2

0
Test Scripts
2
0
Assertions
10
0

Total run duration
1459ms
Total data received
7.08KB (approx)
Average response time
265ms

Total Failures
0

Requests

TD_SSD_02-Step-1
Method
GET
URL
http://10.101.243.4:8181/rests/data/ietf-network:networks

Mean time per request
265ms

Mean size per request
7.08KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body should contain information about networks	1	0

Name	Pass count	Fail count
Microwave topology is present	1	0
Microwave topology attributes verification	1	0
Microwave topology nodes verification	1	0
Microwave topology nodes OPER verification	1	0
Microwave topology termination points verification	1	0
Microwave topology termination points OPER verification	1	0
Microwave topology links verification	1	0
Microwave topology links OPER verification	1	0

4.3 TD_SSD_03 Newman Report

Collection
TD_SSD_03
Description
Interoperability Test Description Identifier TD_ SDN_SNSD_03 Test Objective The Ethernet topology information are requested from a single DC. The received information is compared to a template and checked for compliance. Configuration CFG_01 References Applicability MW_8040, MW_8345, MW_ETHSVC Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Test Sequence Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_03 (see E.2.3) 2 Validation The response body should contain information about the Ethernet topology in JSON format as specified in Annex D.
Time
Tue Jul 07 2020 11:36:53 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests

1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
13
0

Total run duration
13.5s
Total data received
7.08KB (approx)
Average response time
12.3s

Total Failures
0

Requests

TD_SSD_03-Step-1
Method
GET
URL
http://10.101.243.4:8181/rests/data/ietf-network:networks

Mean time per request
12.3s

Mean size per request
7.08KB

Total passed tests
13
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body should contain information about networks	1	0
Ethernet topology is present	1	0
Ethernet topology attributes verification	1	0
Ethernet topology nodes verification	1	0
Ethernet topology nodes OPER verification	1	0
Ethernet topology termination points verification	1	0
Verify the existence of Service access points	1	0
Ethernet topology links verification	1	0
Ethernet Link over Microwave Link verification	1	0
Inter-Domain Links verification	1	0
Ethernet topology links OPER verification	1	0
Ethernet topology termination points OPER verification	1	0

5. Ericsson Tests Results

5.1 TD_SSD_01 Newman Report

Collection
TD_SSD_01
Description
Test Objective Issue a request via Postman to one individual domain controller, to check it's reachability and basic functionality, including (tentative list – to be further analyzed): 1. Support of Restconf 2. Support of the Data Models as specified in the "ETSI mWT ISG SDN Plugtest Data Model Library"

document Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) See for example appendix B.1.2 of RFC8040: GET /restconf/data/ietf-yang-library:modules-state
Time
Tue Jul 07 2020 11:18:16 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
10
0

Total run duration
1800ms
Total data received
8.29KB (approx)
Average response time
605ms

Total Failures
0

Requests

TD_SSD_01-Step-1
Method
GET
URL
https://10.101.243.1:8543/rests/data/ietf-yang-library:modules-state

Mean time per request
605ms

Mean size per request
8.29KB

Total passed tests

10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body of the request should contain a list of all YANG modules	1	0
Needed YANG modules are supported	1	0
ietf-network is supported with the right version	1	0
ietf-network-topology is supported with the right version	1	0
ietf-te-topology is supported with the right version	1	0
ietf-microwave-topology is supported with the right version	1	0
ietf-eth-te-topology is supported with the right version	1	0
ietf-eth-tran-service is supported with the right version	1	0
ietf-eth-tran-types is supported with the right version	1	0

5.2 TD_SSD_02 Newman Report

Collection
TD_SSD_02
Description
Interoperability Test Description TD_SDN_SNSD_02 The microwave topology information are requested from a single DC. The received information is compared to a template and checked for compliance. CFG_01 MW_8040, MW_8345, MW_TETOPO, MW_MWTOPO • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic

configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_02 (see E.2.2) 2 Validation The response body should contain information about the microwave topology in JSON format as specified in Annex D.
Time
Tue Jul 07 2020 11:19:20 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
10
0

Total run duration
1767ms
Total data received
6.46KB (approx)
Average response time
571ms

Total Failures
0

Requests

TD_SSD_02-Step-1
Method
GET
URL
https://10.101.243.1:8543/rests/data/ietf-network:networks

Mean time per request
571ms

Mean size per request
6.46KB

Total passed tests

10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body should contain information about networks	1	0
Microwave topology is present	1	0
Microwave topology attributes verification	1	0
Microwave topology nodes verification	1	0
Microwave topology nodes OPER verification	1	0
Microwave topology termination points verification	1	0
Microwave topology termination points OPER verification	1	0
Microwave topology links verification	1	0
Microwave topology links OPER verification	1	0

5.3 TD_SSD_03 Newman Report

Collection
TD_SSD_03
Description
Interoperability Test Description Identifier TD_ SDN_SNSD_03 Test Objective The Ethernet topology information are requested from a single DC. The received information is compared to a template and checked for compliance. Configuration CFG_01 References Applicability MW_8040, MW_8345, MW_ETHSVC Pre-test conditions • The Domain Controller instance is up and running normally • All the

devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Test Sequence Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_03 (see E.2.3) 2 Validation The response body should contain information about the Ethernet topology in JSON format as specified in Annex D.
Time
Tue Jul 07 2020 11:20:00 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
13
0

Total run duration
1746ms
Total data received
6.46KB (approx)
Average response time
541ms

Total Failures
0

Requests

TD_SSD_03-Step-1
Method
GET
URL
https://10.101.243.1:8543/rests/data/ietf-network:networks

Mean time per request
541ms

Mean size per request
6.46KB

Total passed tests
13
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body should contain information about networks	1	0
Ethernet topology is present	1	0
Ethernet topology attributes verification	1	0
Ethernet topology nodes verification	1	0
Ethernet topology nodes OPER verification	1	0
Ethernet topology termination points verification	1	0
Verify the existence of Service access points	1	0
Ethernet topology links verification	1	0
Ethernet Link over Microwave Link verification	1	0
Inter-Domain Links verification	1	0
Ethernet topology links OPER verification	1	0
Ethernet topology termination points OPER verification	1	0

6. Huawei Tests Results

The tests executed by Huawei have been conducted in a full remotized way. The results are retrieved by the Huawei Postman Client located at the Huawei Bench.

6.1 TD_SSD_01 Newman Report

Collection
TD_SSD_01
Description
Test Objective Issue a request via Postman to one individual domain controller, to check it's reachability and basic functionality, including (tentative list – to be further analyzed): 1. Support of Restconf 2. Support of the Data Models as specified in the "ETSI mWT ISG SDN Plugtest Data Model Library" document Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) See for example appendix B.1.2 of RFC8040: GET /restconf/data/ietf-yang-library:modules-state
Time
Tue Jul 07 2020 10:38:06 GMT+0200 (CEST)
Exported with
Newman v4.6.0

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
10
0

Total run duration
1278ms
Total data received
4.81KB (approx)
Average response time
102ms

Total Failures
0

Requests

TD_SSD_01-Step-1

Method
GET
URL
https://129.9.170.13:32018/restconf/data/ietf-yang-library:modules-state

Mean time per request
102ms

Mean size per request
4.81KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body of the request should contain a list of all YANG modules	1	0
Needed YANG modules are supported	1	0
ietf-network is supported with the right version	1	0
ietf-network-topology is supported with the right version	1	0
ietf-te-topology is supported with the right version	1	0
ietf-microwave-topology is supported with the right version	1	0
ietf-eth-te-topology is supported with the right version	1	0
ietf-eth-tran-service is supported with the right version	1	0

Name	Pass count	Fail count
ietf-eth-tran-types is supported with the right version	1	0

6.2 TD_SSD_02 Newman Report

Collection
TD_SSD_02
Description
Interoperability Test Description TD_SDN_SNSD_02 The microwave topology information are requested from a single DC. The received information is compared to a template and checked for compliance. CFG_01 MW_8040, MW_8345, MW_TETOPO, MW_MWTOPO • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_02 (see E.2.2) 2 Validation The response body should contain information about the microwave topology in JSON format as specified in Annex D.
Time
Tue Jul 07 2020 10:39:00 GMT+0200 (CEST)
Exported with
Newman v4.6.0

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
8
0

Total run duration
1280ms
Total data received
3.21KB (approx)
Average response time
106ms

Total Failures
0

Requests

TD_SSD_02-Step-1

Method
GET
URL
https://129.9.170.13:32018/restconf/data/ietf-network:networks/network=providerId-5555-clientId-6666-topologyId-55

Mean time per request
106ms

Mean size per request
3.21KB

Total passed tests
8
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
Microwave topology attributes verification	1	0
Microwave topology nodes verification	1	0
Microwave topology nodes OPER verification	1	0
Microwave topology termination points verification	1	0
Microwave topology termination points OPER verification	1	0
Microwave topology links verification	1	0
Microwave topology links OPER verification	1	0

6.3 TD_SSD_03 Newman Report

Collection
TD_SSD_03
Description
Interoperability Test Description Identifier TD_ SDN_SNSD_03 Test Objective The Ethernet topology information are requested from a single DC. The received information is compared to a template and checked for compliance. Configuration CFG_01 References Applicability MW_8040, MW_8345, MW_ETHSVC Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Test Sequence Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_03 (see E.2.3) 2 Validation The response body should contain information about the Ethernet topology in JSON format as specified in Annex D.
Time
Tue Jul 07 2020 10:39:09 GMT+0200 (CEST)
Exported with
Newman v4.6.0

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
11
0

Total run duration
1307ms
Total data received
18.52KB (approx)
Average response time
97ms

Total Failures
0

Requests

TD_SSD_03-Step-1
Method
GET

URL
https://129.9.170.13:32018/restconf/data/ietf-network:networks/network=providerId-5555-clientId-6666-topologyId-66

Mean time per request
97ms

Mean size per request
18.52KB

Total passed tests
11
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
Ethernet topology attributes verification	1	0
Ethernet topology nodes verification	1	0
Ethernet topology nodes OPER verification	1	0
Ethernet topology termination points verification	1	0
Verify the existence of Service access points	1	0
Ethernet topology links verification	1	0
Ethernet Link over Microwave Link verification	1	0
Inter-Domain Links verification	1	0
Ethernet topology links OPER verification	1	0

Name	Pass count	Fail count
Ethernet topology termination points OPER verification	1	0

7. Intracom Tests Results

7.1 TD_SSD_01 Newman Report

Collection
TD_SSD_01
Description
Test Objective Issue a request via Postman to one individual domain controller, to check it's reachability and basic functionality, including (tentative list – to be further analyzed): 1. Support of Restconf 2. Support of the Data Models as specified in the "ETSI mWT ISG SDN Plugtest Data Model Library" document Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) See for example appendix B.1.2 of RFC8040: GET /restconf/data/ietf-yang-library:modules-state
Time
Wed Jul 08 2020 10:35:16 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
10
0

Total run duration
1524ms
Total data received
2.01KB (approx)
Average response time
354ms

Total Failures
0

Requests

TD_SSD_01-Step-1

Method
GET
URL
https://172.24.2.10/restconf/data/ietf-yang-library:modules-state

Mean time per request
354ms

Mean size per request
2.01KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body of the request should contain a list of all YANG modules	1	0
Needed YANG modules are supported	1	0
ietf-network is supported with the right version	1	0
ietf-network-topology is supported with the right version	1	0
ietf-te-topology is supported with the right version	1	0
ietf-microwave-topology is supported with the right version	1	0

Name	Pass count	Fail count
ietf-eth-te-topology is supported with the right version	1	0
ietf-eth-tran-service is supported with the right version	1	0
ietf-eth-tran-types is supported with the right version	1	0

7.2 TD_SSD_02 Newman Report

Collection
TD_SSD_02
Description
Interoperability Test Description TD_SDN_SNSD_02 The microwave topology information are requested from a single DC. The received information is compared to a template and checked for compliance. CFG_01 MW_8040, MW_8345, MW_TETOPO, MW_MWTOPO • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_02 (see E.2.2) 2 Validation The response body should contain information about the microwave topology in JSON format as specified in Annex D.
Time
Wed Jul 08 2020 10:35:55 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
8
0

Total run duration
1643ms
Total data received
2.44KB (approx)
Average response time

484ms

Total Failures
0

Requests

TD_SSD_02-Step-1
Method
GET
URL
https://172.24.2.10/restconf/data/ietf-network:networks/network=providerId%2F1807%2FclientId%2F1807%2FtopologyId%2Fmw-native-topology

Mean time per request
484ms

Mean size per request
2.44KB

Total passed tests
8
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
Microwave topology attributes verification	1	0
Microwave topology nodes verification	1	0
Microwave topology nodes OPER verification	1	0
Microwave topology termination points verification	1	0

Name	Pass count	Fail count
Microwave topology termination points OPER verification	1	0
Microwave topology links verification	1	0
Microwave topology links OPER verification	1	0

7.3 TD_SSD_03 Newman Report

Collection
TD_SSD_03
Description
Interoperability Test Description Identifier TD_ SDN_SNSD_03 Test Objective The Ethernet topology information are requested from a single DC. The received information is compared to a template and checked for compliance. Configuration CFG_01 References Applicability MW_8040, MW_8345, MW_ETHSVC Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Test Sequence Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_03 (see E.2.3) 2 Validation The response body should contain information about the Ethernet topology in JSON format as specified in Annex D.
Time
Wed Jul 08 2020 10:36:28 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
11
0

Total run duration
1899ms
Total data received
3.53KB (approx)

Average response time
706ms

Total Failures
0

Requests

TD_SSD_03-Step-1
Method
GET
URL
https://172.24.2.10/restconf/data/ietf-network:networks/network=providerId%2F1807%2FclientId%2F1807%2FtopologyId%2Feth-native-topology

Mean time per request
706ms

Mean size per request
3.53KB

Total passed tests
11
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
Ethernet topology attributes verification	1	0
Ethernet topology nodes verification	1	0
Ethernet topology nodes OPER verification	1	0
Ethernet topology termination points verification	1	0

Name	Pass count	Fail count
Verify the existence of Service access points	1	0
Ethernet topology links verification	1	0
Ethernet Link over Microwave Link verification	1	0
Inter-Domain Links verification	1	0
Ethernet topology links OPER verification	1	0
Ethernet topology termination points OPER verification	1	0

8. NEC Tests Results

8.1 TD_SSD_01 Newman Report

Collection
TD_SSD_01
Description
Test Objective Issue a request via Postman to one individual domain controller, to check it's reachability and basic functionality, including (tentative list – to be further analyzed): 1. Support of Restconf 2. Support of the Data Models as specified in the "ETSI mWT ISG SDN Plugtest Data Model Library" document Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) See for example appendix B.1.2 of RFC8040: GET /restconf/data/ietf-yang-library:modules-state
Time
Tue Jul 07 2020 09:40:16 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts

2
0
Assertions
10
0

Total run duration
2.8s
Total data received
1.5KB (approx)
Average response time
1607ms

Total Failures
0

Requests

TD_SSD_01-Step-1
Method
GET
URL
https://10.101.243.4:8376/restconf/data/ietf-yang-library:modules-state

Mean time per request
1607ms

Mean size per request
1.5KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body of the request should contain a list of all YANG modules	1	0

Name	Pass count	Fail count
Needed YANG modules are supported	1	0
ietf-network is supported with the right version	1	0
ietf-network-topology is supported with the right version	1	0
ietf-te-topology is supported with the right version	1	0
ietf-microwave-topology is supported with the right version	1	0
ietf-eth-te-topology is supported with the right version	1	0
ietf-eth-tran-service is supported with the right version	1	0
ietf-eth-tran-types is supported with the right version	1	0

8.2 TD_SSD_02 Newman Report

Collection
TD_SSD_02
Description
Interoperability Test Description TD_SDN_SNSD_02 The microwave topology information are requested from a single DC. The received information is compared to a template and checked for compliance. CFG_01 MW_8040, MW_8345, MW_TETOPO, MW_MWTOPO • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_02 (see E.2.2) 2 Validation The response body should contain information about the microwave topology in JSON format as specified in Annex D.
Time
Tue Jul 07 2020 09:45:00 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1

0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
8
0

Total run duration
4.9s
Total data received
3.35KB (approx)
Average response time
3.7s

Total Failures
0

Requests

TD_SSD_02-Step-1
Method
GET
URL
https://10.101.243.4:8376/restconf/data/ietf-network:networks/network=providerId%2F2006%2FclientId%2F3001%2FtopologyId%2Fmw-native-topology

Mean time per request
3.7s

Mean size per request
3.35KB

Total passed tests
8
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
Microwave topology attributes verification	1	0
Microwave topology nodes verification	1	0
Microwave topology nodes OPER verification	1	0
Microwave topology termination points verification	1	0
Microwave topology termination points OPER verification	1	0
Microwave topology links verification	1	0
Microwave topology links OPER verification	1	0

8.3 TD_SSD_03 Newman Report

Collection
TD_SSD_03
Description
Interoperability Test Description Identifier TD_ SDN_SNSD_03 Test Objective The Ethernet topology information are requested from a single DC. The received information is compared to a template and checked for compliance. Configuration CFG_01 References Applicability MW_8040, MW_8345, MW_ETHSVC Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Test Sequence Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_03 (see E.2.3) 2 Validation The response body should contain information about the Ethernet topology in JSON format as specified in Annex D.
Time
Tue Jul 07 2020 09:46:00 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests

1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
11
0

Total run duration
5.2s
Total data received
10.19KB (approx)
Average response time
4s

Total Failures
0

Requests

TD_SSD_03-Step-1
Method
GET
URL
https://10.101.243.4:8376/restconf/data/ietf-network:networks/network=providerId%2F2006%2FclientId%2F3001%2FtopologyId%2Feth-native-topology

Mean time per request
4s

Mean size per request
10.19KB

Total passed tests
11
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
Ethernet topology attributes verification	1	0
Ethernet topology nodes verification	1	0
Ethernet topology nodes OPER verification	1	0
Ethernet topology termination points verification	1	0
Verify the existence of Service access points	1	0
Ethernet topology links verification	1	0
Ethernet Link over Microwave Link verification	1	0
Inter-Domain Links verification	1	0
Ethernet topology links OPER verification	1	0
Ethernet topology termination points OPER verification	1	0

9. Nokia Tests Results

9.1 TD_SSD_01 Newman Report

Collection
TD_SSD_01
Description
Test Objective Issue a request via Postman to one individual domain controller, to check it's reachability and basic functionality, including (tentative list – to be further analyzed): 1. Support of Restconf 2. Support of the Data Models as specified in the "ETSI mWT ISG SDN Plugtest Data Model Library" document Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) See for example appendix B.1.2 of RFC8040: GET /restconf/data/ietf-yang-library:modules-state
Time
Wed Jul 08 2020 09:17:07 GMT+0200 (CEST)

Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
10
0

Total run duration
1751ms
Total data received
2.29KB (approx)
Average response time
578ms

Total Failures
0

Requests

TD_SSD_01-Step-1
Method
GET
URL
https://10.101.243.1/restconf/data/ietf-yang-library:modules-state

Mean time per request
578ms

Mean size per request
2.29KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body of the request should contain a list of all YANG modules	1	0
Needed YANG modules are supported	1	0
ietf-network is supported with the right version	1	0
ietf-network-topology is supported with the right version	1	0
ietf-te-topology is supported with the right version	1	0
ietf-microwave-topology is supported with the right version	1	0
ietf-eth-te-topology is supported with the right version	1	0
ietf-eth-tran-service is supported with the right version	1	0
ietf-eth-tran-types is supported with the right version	1	0

9.2 TD_SSD_02 Newman Report

Collection
TD_SSD_02
Description
Interoperability Test Description TD_SDN_SNSD_02 The microwave topology information are requested from a single DC. The received information is compared to a template and checked for compliance. CFG_01 MW_8040, MW_8345, MW_TETOPO, MW_MWTOPO • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_02 (see E.2.2) 2 Validation The response body should contain information about the microwave topology in JSON format as specified in Annex D.
Time
Wed Jul 08 2020 09:18:08 GMT+0200 (CEST)

Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
10
0

Total run duration
7.9s
Total data received
7.81KB (approx)
Average response time
6.7s

Total Failures
0

Requests

TD_SSD_02-Step-1
Method
GET
URL
https://10.101.243.1/restconf/data/ietf-network:networks

Mean time per request
6.7s

Mean size per request
7.81KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body should contain information about networks	1	0
Microwave topology is present	1	0
Microwave topology attributes verification	1	0
Microwave topology nodes verification	1	0
Microwave topology nodes OPER verification	1	0
Microwave topology termination points verification	1	0
Microwave topology termination points OPER verification	1	0
Microwave topology links verification	1	0
Microwave topology links OPER verification	1	0

9.3 TD_SSD_03 Newman Report

Collection
TD_SSD_03
Description
Interoperability Test Description Identifier TD_ SDN_SNSD_03 Test Objective The Ethernet topology information are requested from a single DC. The received information is compared to a template and checked for compliance. Configuration CFG_01 References Applicability MW_8040, MW_8345, MW_ETHSVC Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Test Sequence Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_03 (see E.2.3) 2 Validation The response body should contain information about the Ethernet topology in JSON format as specified in Annex D.
Time

Wed Jul 08 2020 09:18:48 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
13
0

Total run duration
8.3s
Total data received
7.81KB (approx)
Average response time
7.1s

Total Failures
0

Requests

TD_SSD_03-Step-1
Method
GET
URL
https://10.101.243.1/restconf/data/ietf-network:networks

Mean time per request
7.1s

Mean size per request
7.81KB

Total passed tests
13
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body should contain information about networks	1	0
Ethernet topology is present	1	0
Ethernet topology attributes verification	1	0
Ethernet topology nodes verification	1	0
Ethernet topology nodes OPER verification	1	0
Ethernet topology termination points verification	1	0
Verify the existence of Service access points	1	0
Ethernet topology links verification	1	0
Ethernet Link over Microwave Link verification	1	0
Inter-Domain Links verification	1	0
Ethernet topology links OPER verification	1	0
Ethernet topology termination points OPER verification	1	0

10. SIAE Tests Results

10.1 TD_SSD_01 Newman Report

Collection
TD_SSD_01
Description
Test Objective Issue a request via Postman to one individual domain controller, to check it's reachability and basic functionality, including (tentative list – to be further analyzed): 1. Support of Restconf 2. Support of the Data Models as specified in the "ETSI mWT ISG SDN Plugtest Data Model Library" document Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) See for example appendix B.1.2 of RFC8040: GET /restconf/data/ietf-yang-library:modules-state
Time
Wed Jul 08 2020 09:37:15 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
10
0

Total run duration
1335ms
Total data received
1.18KB (approx)
Average response time
166ms

Total Failures
0

Requests

TD_SSD_01-Step-1
Method

GET
URL
http://10.101.243.3:8080/nmswebs/restconf/data/ietf-yang-library:modules-state

Mean time per request
166ms

Mean size per request
1.18KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body of the request should contain a list of all YANG modules	1	0
Needed YANG modules are supported	1	0
ietf-network is supported with the right version	1	0
ietf-network-topology is supported with the right version	1	0
ietf-te-topology is supported with the right version	1	0
ietf-microwave-topology is supported with the right version	1	0
ietf-eth-te-topology is supported with the right version	1	0
ietf-eth-tran-service is supported with the right version	1	0
ietf-eth-tran-types is supported with the right version	1	0

10.2 TD_SSD_02 Newman Report

Collection
TD_SSD_02
Description
Interoperability Test Description TD_SDN_SNSD_02 The microwave topology information are requested from a single DC. The received information is compared to a template and checked for compliance. CFG_01 MW_8040, MW_8345, MW_TETOPO, MW_MWTOPO • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_02 (see E.2.2) 2 Validation The response body should contain information about the microwave topology in JSON format as specified in Annex D.
Time
Wed Jul 08 2020 09:37:45 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
10
0

Total run duration
1498ms
Total data received
6.86KB (approx)
Average response time
286ms

Total Failures
0

Requests

TD_SSD_02-Step-1
Method
GET
URL

http://10.101.243.3:8080/nmswebs/restconf/data/ietf-network:networks

Mean time per request
286ms

Mean size per request
6.86KB

Total passed tests
10
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body should contain information about networks	1	0
Microwave topology is present	1	0
Microwave topology attributes verification	1	0
Microwave topology nodes verification	1	0
Microwave topology nodes OPER verification	1	0
Microwave topology termination points verification	1	0
Microwave topology termination points OPER verification	1	0
Microwave topology links verification	1	0
Microwave topology links OPER verification	1	0

10.3 TD_SSD_03 Newman Report

Collection
TD_SSD_03
Description
Interoperability Test Description Identifier TD_ SDN_SNSD_03 Test Objective The Ethernet topology information are requested from a single DC. The received information is compared to a template and checked for compliance. Configuration CFG_01 References Applicability MW_8040, MW_8345, MW_ETHSVC Pre-test conditions • The Domain Controller instance is up and running normally • All the devices are upgraded to correct versions • All basic configurations are completed (e.g., NE_id, OSPF, PCEP, etc.) • The Restconf server is serviceable. Test Sequence Step Type Description 1 Request Send GET request via Postman to one individual domain controller by executing Collection TD_SDN_SNSD_03 (see E.2.3) 2 Validation The response body should contain information about the Ethernet topology in JSON format as specified in Annex D.
Time
Wed Jul 08 2020 09:38:18 GMT+0200 (CEST)
Exported with
Newman v4.5.7

Total
Failed
Iterations
1
0
Requests
1
0
Prerequest Scripts
2
0
Test Scripts
2
0
Assertions
13
0

Total run duration
2s
Total data received
6.86KB (approx)
Average response time
789ms

Total Failures
0

Requests

TD_SSD_03-Step-1
Method
GET

URL
http://10.101.243.3:8080/nmswebs/restconf/data/ietf-network:networks

Mean time per request
789ms

Mean size per request
6.86KB

Total passed tests
13
Total failed tests
0

Status code
200

Tests

Name	Pass count	Fail count
Response is OK	1	0
The response body should contain information about networks	1	0
Ethernet topology is present	1	0
Ethernet topology attributes verification	1	0
Ethernet topology nodes verification	1	0
Ethernet topology nodes OPER verification	1	0
Ethernet topology termination points verification	1	0
Verify the existence of Service access points	1	0
Ethernet topology links verification	1	0
Ethernet Link over Microwave Link verification	1	0

Name	Pass count	Fail count
Inter-Domain Links verification	1	0
Ethernet topology links OPER verification	1	0
Ethernet topology termination points OPER verification	1	0