

Enable SNMP Target

OPERATING INSTRUCTIONS

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Enable SNMP Target



1 Description

This instruction describes how to enable a Simple Network Management Protocol (SNMP) target. An SNMP target is enabled when the managed element can be monitored by the corresponding management system as part of the normal operations.

2 Procedure

2.1 Enable SNMP Target

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - The SNMP target to enable is known and its operational state is DISABLED.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

1. Navigate to the `Snmp` managed object, for example:

```
>dn ManagedElement=N0DE06ST,SystemFunctions=1,SysM=1,Snmp=1
```

2. Navigate to the SNMP target to be enabled, for example:

```
(Snmp=1)>SnmpTargetV2C=OSS_v2C
```

3. View the attribute settings of the SNMP target:

```
(SnmpTargetV2C=OSS_v2C)>show -v
```

The following is an example output:



```
SnmpTargetV2C=OSS_v2C
address="192.0.2.10"
administrativeState=LOCKED <default>
community="public"
informRetryCount=1 <default>
informTimeout=300 <default>
isMibWritable=true <default>
networkPrefixLength=[] <empty>
operationalState=DISABLED <read-only>
port=162 <default>
snmpTargetV2CId="OSS_v2C"
transportMethod=TRAP <default>
```

Note: To enable the SNMP target, attribute `administrativeState` must be set to `UNLOCKED`. Attribute `operationalState` is then automatically set to `ENABLED`. The same is true for disabling SNMPv1 and SNMPv3 targets.

4. Enter Config mode:

```
(Snmp=1)>configure
```

5. Enable the SNMP target:

```
(config-SnmpTargetV2C=OSS_v2C)>administrativeState=UNLOCKED
```

6. Commit the setting:

```
(config-SnmpTargetV2C=OSS_v2C)>commit
```

7. Verify that the SNMP target is enabled:

```
(SnmpTargetV2C=OSS_v2C)>show -v
```

The following is an example output:

```
SnmpTargetV2C=OSS_v2C
address="192.0.2.10"
administrativeState=UNLOCKED <default>
community="public"
informRetryCount=1 <default>
informTimeout=300 <default>
isMibWritable=true <default>
networkPrefixLength=[] <empty>
operationalState=ENABLED <read-only>
port=162 <default>
snmpTargetV2CId="OSS_v2C"
transportMethod=TRAP <default>
```

The SNMP target is enabled.