

Create SNMPv2C Target

OPERATING INSTRUCTIONS

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1 Description

This instruction describes how to create an SNMPv2C target. An SNMPv2C target is created to forward Simple Network Management Protocol (SNMP) notifications to a management system over the SNMPv2C protocol.

2 Procedure

2.1 Create SNMPv2C Target

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - The SNMP community, target IP address, and `networkPrefixLength` are known and according to the network IP plan.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

1. Navigate to the *Snmp* Managed Object (MO), for example:

```
>dn ManagedElement=NODE06ST, SystemFunctions=1, SysM=1, Snmp=1
```

2. Enter Config mode:

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

3. Create an SNMPv2C target, for example:

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

4. For the *SnmpTargetV2C* MO, set attributes `community`, `address`, and `networkPrefixLength`, for example:

```
(config-SnmpTargetV2C=OSS_v2C) >community=group
```



```
(config-SnmpTargetV2C=OSS_v2C) > address=192.0.2.10  
(config-SnmpTargetV2C=OSS_v2C) > networkPrefixLength=24
```

5. Commit the settings:

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

6. Verify the settings

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

The following is an example output:

```
SnmpTargetV2C=OSS_v2C  
  address="192.0.2.10"  
  administrativeState=UNLOCKED <default>  
  community="group"  
  informRetryCount=1 <default>  
  informTimeout=300 <default>  
  isMibWritable=true <default>  
  networkPrefixLength=24  
  operationalState=ENABLED [] <read-only>  
  port=162 <default>  
  snmpTargetV2CId=OSS_v2C  
  transportMethod=TRAP <default>
```