

Configure SNMP Master Agent with engineId

OPERATING INSTRUCTIONS

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1 Description

This instruction describes how to configure the SNMP Master Agent with `engineId`.

2 Procedure

2.1 Configure SNMP Master Agent with `engineId`

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - An Ericsson Command-Line Interface (ECLI) in exec mode is in progress.

Steps

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

```
>dn ManagedElement=1,SystemFunctions=1,SysM=1,Snmp=1
```
2. Enter Config mode:

```
(Snmp=1)>configure
```
3. Configure the SNMP Master Agent with an `engineId` which can be a string, for example:

```
(config-Snmp=1)>engineId="1234567890"
```
4. Commit the settings:

```
(config-Snmp=1)>commit
```
5. Verify the settings:

```
(Snmp=1)>show -v
```



The following is an example output:

```
Snmp=1
  administrativeState=UNLOCKED <default>
  enableSourceCheckForV1V2C=false <default>
  engineId="1234567890"
  nodeCredential="ManagedElement=1, SystemFunctions=1, =>
SecM=1, CertM=1, NodeCredential=nc1"
  operationalState=ENABLED <read-only>
  port=161 <default>
  portDtls=10161 <default>
  snmpId="1"
  trustCategory="ManagedElement=1, SystemFunctions=1, =>
SecM=1, CertM=1, TrustCategory=tc1"
  agentAddress [@1]
    host="127.0.0.1"
    port=161
  agentAddressDtls [@1]
    host="127.0.0.1"
    port=10161
```

Note: If SNMP stack cannot support setting the `engineId`, then the applied value is ignored, keeping the current empty value.

The `engineId` attribute is optional. If not set by NBI user, then a random `engineId`, generated by netSNMP library, is used.