

Create SNMP View

OPERATING INSTRUCTIONS

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Create SNMP View



1 Description

This instruction describes how to create a Simple Network Management Protocol (SNMP) view. An SNMP view can be configured to give read or write access to specific SNMP Object Identifiers (OIDs) to an SNMP target user. Three types of SNMP view can be created; SNMPv1, SNMPv2C, and SNMPv3 views. This instruction focuses on an SNMPv3 view.

In the absence of a specific configuration, default access is given to the following SNMP Management Information Bases (MIBs):

- ERICSSON-ALARM-MIB
- SNMP-FRAMEWORK-MIB
- MIB-2

The default behavior denies access to other SNMP MIBs. An explicit view configuration must be created if this default behavior is insufficient.

2 Procedure

2.1 Create SNMP View

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - The SNMPv3 user to apply the view on is known.
 - The SNMP OIDs that the view gives read access and write access to are known.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

1. Navigate to the `Snm` Managed Object (MO), for example:

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



2. Enter Config mode:

```
(Snm=1)>configure
```

3. Create an SNMPv3 view, for example:

```
(config-Snm=1)>SnmViewV3=OSS_v3
```

4. For the `SnmViewV3` MO, set attributes `user`, `read0ids`, and `write0ids`, for example:

```
(config-SnmViewV3=OSS_v3)>user="user1"
```

```
(config-SnmViewV3=OSS_v3)>read0ids="1.3.6.1.4.1.193.183.4.1.5.1"
```

```
(config-SnmViewV3=OSS_v3)>write0ids="1.3.6.1.4.1.193.183.4.1.5.2"
```

5. Commit the settings:

```
(config-SnmViewV3=OSS_v3)>commit
```

6. Verify the settings:

```
(SnmViewV3=OSS_v3)>show -v
```

The following is an example output:

```
SnmViewV3=OSS_v3
  read0ids
    "1.3.6.1.4.1.193.183.4.1.5.1"
  snmViewV3Id= "OSS_v3"
  user
    "user1"
  write0ids
    "1.3.6.1.4.1.193.183.4.1.5.2"
```