

List Performance Management Groups and Measurement Types

OPERATING INSTRUCTIONS

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1 Description

This instruction describes how to list the Performance Management (PM) groups and measurement types. The list of PM groups and measurement types informs the user about what measurement data it is possible to collect on the managed element.

2 Procedure

2.1 List Performance Management Groups and Measurement Types

Prerequisites

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

Steps

1. Navigate to the **Pm** managed object, for example:

```
>dn ManagedElement=NODE06ST,SystemFunctions=1,Pm=1
```
2. List the PM groups:

```
(Pm=1)>show -m PmGroup
```

The following is an example output:



```
PmGroup=DbsPOT
  category="Feature DbsFunction, Class DbsPOT"
  consistentData=true
  description="POT measurement types"
  generation="IMS"
  switchingTechnology="Packet Switched"
  validity=true
  moClass
    mimName="DbsPOT_PmMim"
    mimRelease="1"
    mimVersion="1"
    moClassName="DbsPOT"
PmGroup=DbsPU
  category="Feature DbsFunction, Class DbsPU"
  consistentData=true
  description="PU measurement types"
  generation="IMS"
  switchingTechnology="Packet Switched"
  validity=true
  moClass
    mimName="DbsPU_PmMim"
    mimRelease="1"
    mimVersion="1"
    moClassName="DbsPU"
PmGroup=DbsVM
  category="Feature DbsFunction, Class DbsVM"
  consistentData=true
  description="VM measurement types"
  generation="IMS"
  switchingTechnology="Packet Switched"
  validity=true
  moClass
    mimName="DbsVM_PmMim"
    mimRelease="1"
    mimVersion="1"
    moClassName="DbsVM"
```

Note: The value of attribute `moClassName` contains the name of a class in the model to which the PM group is applicable.

3. Navigate to a `PmGroup` MO, for example:

```
(Pm=1)>PmGroup=DbsPOT
```

4. List the measurement types for the PM group:

```
(PmGroup=DbsPOT)>show -v -r
```

The following is an example output for a PM group consisting of three measurement types:



```

PmGroup=DbsPOT
category="Feature DbsFunction, Class DbsPOT" <read-only>
consistentData=true <read-only>
description="POT measurement types" <read-only>
generation="IMS" <read-only>
pmGroupId="DbsPOT"
switchingTechnology="Packet Switched" <read-only>
validity=true <read-only>
moClass <read-only>
  mimName="DbsPOT_PmMim" <read-only>
  mimRelease="1" <read-only>
  mimVersion="1" <read-only>
  moClassName="DbsPOT" <read-only>
  MeasurementType=PotInst.Count
  aggregation=MAX <read-only>
  collectionMethod=GAUGE <read-only>
  condition="The actual number of instances for a keyed or non-keyed POT instances." =>
<read-only>
  derSampleRate=[] <empty>
  description="Measures the total number of instances for a keyed or non-keyed POT in a =>
GP." <read-only>
  fmAlarmType=[] <empty>
  initialValue=0 <read-only>
  measurementName="DbsPotPotInstCount" <read-only>
  measurementResult=[] <empty>
  measurementStatus=USED <read-only>
  measurementTypeId="PotInst.Count"
  multiplicity=1 <read-only>
  resetAtGranPeriod=true <read-only>
  size=10 <read-only>
  thresholdDirection=INCREASING <default> <read-only>
  MeasurementType=PotInst.Create
  aggregation=SUM <read-only>
  collectionMethod=CC <read-only>
  condition="The counter is incremented when a keyed or a non-keyed POT instance created." =>
<read-only>
  derSampleRate=[] <empty>
  description="Measures the number of creates issued for a keyed or non-keyed POT in a GP." =>
<read-only>
  fmAlarmType=[] <empty>
  initialValue=0 <read-only>
  measurementName="DbsPotPotInstCreate" <read-only>
  measurementResult=[] <empty>
  measurementStatus=USED <read-only>
  measurementTypeId="PotInst.Create"
  multiplicity=1 <read-only>
  resetAtGranPeriod=true <read-only>
  size=10 <read-only>
  thresholdDirection=INCREASING <default> <read-only>
  MeasurementType=PotInst.Create.Commit
  aggregation=SUM <read-only>
  collectionMethod=CC <read-only>
  condition="The counter is incremented when a keyed or a non-keyed POT instance creation =>
committed." <read-only>
  derSampleRate=[] <empty>
  description="Measures the number of instances created for a keyed or non-keyed POT in a =>
GP." <read-only>
  fmAlarmType=[] <empty>
  initialValue=0 <read-only>
  measurementName="DbsPotPotInstCreateCommit" <read-only>
  measurementResult=[] <empty>
  measurementStatus=USED <read-only>
  measurementTypeId="PotInst.Create.Commit"
  multiplicity=1 <read-only>
  resetAtGranPeriod=true <read-only>
  size=10 <read-only>
  thresholdDirection=INCREASING <default> <read-only>

```

Note: fmAlarmType=[] <empty> means that no threshold alarm is supported for this measurement type.