

Create Measurement Collection Job

OPERATING INSTRUCTIONS

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Contents

1	Description	1
2	Procedure	1
2.1	Create Measurement Collection Job	1





1 Description

This instruction describes how to create a measurement collection job. A new performance measurement collection job can be created by the user to collect performance data that is not currently collected on the managed element.

2 Procedure

2.1 Create Measurement Collection Job

Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
 - A unique *PmJob* Managed Object (MO) name is known. To check names already in use, refer to *List Performance Management Jobs*.
In this instruction, the job name example is `POT_15min_Job`.
 - The *PmGroup* or *measurementTypeMO* is known.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

1. Navigate to the *Pm* MO, for example:

```
>dn ManagedElement=NODE06ST, SystemFunctions=1, Pm=1
```
2. Enter Config mode:

```
(Pm=1) >configure
```
3. Create a measurement collection job, for example:

```
(config-Pm=1) >PmJob=POT_15min_Job
```
4. Set the *PmJob* initial state to ACTIVE:



```
(config-PmJob=POT_15min_Job) >requestedJobState=ACTIVE
```

5. Perform one of the following options:

- Create one or more *MeasurementReader* MOs with references to *PmGroup* MOs, for example:

```
(config-PmJob=POT_15min_Job) >MeasurementReader=POT_mr
```

```
(config-cMeasurementReader=POT_mr) >measurementSpecification
```

```
(config-measurementSpecification) >groupRef="ManagedElement=NODE06ST, SystemFunctions=1, Pm=1, PmGroup=DbSPOT"
```

Repeat these three commands as needed. One *MeasurementReader* MO is needed for each reference to a *PmGroup* MO.

- Create one or more *MeasurementReader* MOs with references to *measurementType* MOs, for example:

```
(config-PmJob=POT_15min_Job) >MeasurementReader=POTinst_mr
```

```
(config-MeasurementReader=POTinst_mr) >measurementSpecification
```

```
(config-measurementSpecification) >measurementTypeRef="ManagedElement=NODE06ST, SystemFunctions=1, Pm=1, PmGroup=DbSPOT, MeasurementType=PotInst.Count"
```

Repeat these three commands as needed. One *MeasurementReader* MO is needed for each reference to a *measurementType* MO.

6. Commit the changes:

```
(config-measurementSpecification) >commit
```

7. Verify the result:

```
(MeasurementReader=POT_mr) >up
```

```
(PmJob=POT_15min_Job) >show -v
```

The following is an example output:



```
PmJob=POT_15min_Job
  compressionType=[] <empty>
  currentJobState=ACTIVE <read-only>
  granularityPeriod=FIFTEEN_MIN <default>
  jobControl=FULL <default> <read-only>
  jobGroup=[] <empty>
  jobPriority=MEDIUM <default>
  jobType=MEASUREMENTJOB <default>
  pmJobId="POT_15min_Job"
  reportContentGeneration = CHANGED_ONLY <default>
  reportingPeriod=FIFTEEN_MIN <default>
  requestedJobState=ACTIVE <default>
  MeasurementReader=POT_mr
```