

Create Measurement Collection Job

OPERATING INSTRUCTIONS

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1 Introduction

This document 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.

1.1 Prerequisites

This section describes the prerequisites, which must be fulfilled before using the procedure.

1.1.1 Conditions

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*.

The job name is `POT_15min_Job` in this document.

- The *PmGroup* or *measurementType* MO is known.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.





2 Procedure

To create a measurement collection job:

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
```