

# Create Measurement Collection Job

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## 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
```