

Start Measurement Collection Job

OPERATING INSTRUCTIONS

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Start Measurement Collection Job



1 Introduction

This document describes how to start a measurement collection job.

A measurement collection job is started to enable collection of performance data for the corresponding measurement types. This is usually done when the managed element is operational and manageable as part of the normal operations.

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:

- The job name is known.
The job name is `POT_15min_Job` in this document.
- `currentJobState` for the job is `STOPPED`.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.



Start Measurement Collection Job



2 Procedure

To start a measurement collection job:

1. Navigate to the *PmJob* Managed Object (MO), for example:

```
>dn ManagedElement=NODE06ST, SystemFunctions=1, Pm=1, PmJob=POT_15min_Job
```

2. Enter Config mode:

```
(PmJob=POT_15min_Job) >configure
```

3. Set the *PmJob* state to ACTIVE:

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

4. Commit the *PmJob* configuration:

```
(config-PmJob=POT_15min_Job) >commit
```

5. Verify that *currentJobState* is changed to ACTIVE:

```
(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"
[...]
```

```
  requestedJobState=ACTIVE <default>
  MeasurementReader=POT_mr
```

6. Wait up to 5 minutes after the end of the granularity period.
7. Navigate to the *FileGroup* MO where all performance measurement files are exposed, for example:

```
(PmJob=POT_15min_Job) >dn ManagedElement=NODE06ST, SystemFunctions=1, FileM=1, LogicalFs=1, FileGroup=PerformanceManagementReportFiles
```



8. Verify that the `FileGroup` MO corresponding to the created performance measurement report file exists:

```
(FileGroup=PerformanceManagementReportFiles) >show -v
```

The following is an example output:

```
FileGroup=PerformanceManagementReportFiles
internalHousekeeping=false
files="A20141124.1045+0100-1100+0100_NODE06ST.xml "
  fileName="A20141124.1045+0100-1100+0200_NODE06ST.xml "
  fileType="xml "
  modificationTime="2014-11-24T01:26:00 "
  size=1388
[...]
```

Note: This output means that file `A20141124.1045+0100-1100+0100_NODE06ST.xml` exists in the file system. The `+` sign is rendered as `??` by the ECLI.

The file can contain additional performance measurement data corresponding to other jobs with the same granularity period.