

# COM, HeartBeat

## Common Operation and Maintenance

### DESCRIPTION

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# 1 Introduction

This document gives an overview of the notification **HeartBeat**.





## 2 Notification Description

The COM Fault Management (FM) regularly sends out heartbeats to the management system. The frequency of the heartbeats can be configured with the `eriAlarmHbInterval` object in the Ericsson Alarm Management Information Base (MIB) or with the ECIM FM Managed Object Model (MOM). `eriAlarmHbInterval` is in seconds and setting it to 0 disables the heartbeats.

The heartbeat notification is sent every `eriAlarmHbInterval`. Managers can subscribe to the notification using the Simple Network Management Protocol (SNMP) framework MIBs by using the `snmpNotifyName` "heartbeat".

The heartbeat notification is sent with an interval according to the `eriAlarmHbInterval`. It contains the last sequence numbers used for alarms and alarm events. These varbinds can be used to detect lost notifications.

The following is a list of the notification attributes:

Attribute	Attribute Value
<code>eriAlarmActiveLastSequenceNo</code>	The sequence number of the last sent alarm
<code>eriAlarmAlertLastSequenceNo</code>	The sequence number of the last sent alert
<code>eriAlarmActiveLastChanged</code>	The date-time when the last alarm was sent
<code>eriAlarmAlertLastChanged</code>	The date-time when the last alert was sent

COM also supports all SNMP protocol primitives:

- `get`
- `set`
- `getnext`
- `getbulk`
- `traps`
- `informs`