

# *NewNet Mobile Messaging Traps and Alarms*

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## **Reference Guide**

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# Chapter 1

## Introduction

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### Topics:

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## 1.1 About this Document

This document describes the Simple Network Management Protocol (SNMP) traps that can be generated by NewNet Mobile Messaging systems.

## 1.2 Manual Organization

This manual is organized into the following chapters:

- This chapter contains general information about manual organization, the scope of this manual, its targeted audience, how to get technical assistance, how to locate customer documentation on the Customer Support site.
- Chapter *SNMP* describes the Mobile Messaging SNMP trap service and trap filtering mechanisms.
- Chapter *Mobile Messaging Traps* contains an alphabetical list of all SNMP traps that can be generated by Mobile Messaging systems and provides their recovery procedures.

## 1.3 Intended Audience

This document is intended for anyone interested in the NewNet Mobile Messaging SNMP traps:

- **Network Operators** who are in charge of the daily operation of the total system environment;
- **Maintenance and Support Engineers** who are responsible for maintaining the total system environment;
- **Implementation Engineers** who are responsible for the pre-installation, on-site installation, and configuration of the environment.

## 1.4 Documentation Conventions

Typeface or Symbol	Meaning	Example
<b>Bold</b>	Refers to part of a graphical user interface.	Click <b>Cancel</b> .
Courier	Refers to a directory name, file name, command, or output.	The billing directory contains...
<pointed brackets>	Serves as a placeholder for text that the user will replace, as appropriate in context.	The file is called MGRdata.xml.<ip>.gz, where <ip> is the server's IP address.
[square brackets]	Indicates an optional command.	[--validateonly]

Typeface or Symbol	Meaning	Example
<b>Note:</b>	Indicates information alongside normal text, requiring extra attention.	<b>Note:</b> Ensure that the configuration...
\ (Unix)	Denotes line continuation; the character should be ignored as the user types the example, and ENTER should only be pressed after the last line.	% grep searchkey \ data/*.dat





# Chapter 2

## SNMP

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### Topics:

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## 2.1 Introduction

The Simple Network Management Protocol (SNMP) is an industry standard for management and configuration of network components. SNMPv1 is used to configure and monitor interfaces, system status, and settings.

**Note:** Because NewNet Mobile Messaging components store its configuration in volatile memory, the default configuration as stored in the configuration file is always restored after booting the Mobile Messaging component.

## 2.2 MIB Files

All information that can be configured or viewed with SNMP is described in the Management Information Base (MIB) files.

Each MIB file is stored in a separate `*.my` file. Due to the size of the MIB files, they are not included in this manual. However, they can easily be viewed on the system. The MIB files are located in `/usr/local/share/snmp/mibs/`.

## 2.3 SNMP Manager

Optionally, an SNMP Manager or Management Station can be used to issue SNMPv1 requests to Mobile Messaging components for monitoring purposes. The Mobile Messaging component does not force an SNMP Manager to originate requests from any specific UDP port (any UDP port may be used for this purpose).

**Note:** If `'snmpPropListenAddressType'` parameter in semi-static configuration file is set to `'dual'`, then components will accept requests on both IPv4 and IPv6.

## 2.4 Trap Service

Up to eight SNMP Managers can subscribe to the Mobile Messaging trap service. By default one is an SNMP trap receiver on the local system that logs traps via `syslog`. When a trap condition occurs, Mobile Messaging sends an SNMP trap to any SNMP Management Station that is subscribed to the trap service.

To subscribe an SNMP Manager to the trap service, add an entry to the Alarm Station Table that contains the IPv4 address or IPv6 address, or Hostname of the SNMP Manager and a UDP port number to which SNMP traps should be sent for that particular SNMP Manager. The Alarm Station Table is also SNMP manageable; refer to the `TEXTPASS-GEN` MIB for more information about this table.

Mobile Messaging always originates SNMP traps from default SNMP UDP ports and terminates them in the UDP ports that are specified in the Alarm Station Table. The community string that Mobile Messaging specifies in SNMP traps is always equal to `public`.

**Note:** If SNMP Manager address is configured as Hostname, then DNS lookup is performed for every configured component to resolve the Hostname. Ensure that DNS client is configured on the Server.

SNMP traps that Mobile Messaging generates are logged locally in `/var/log/messages` by an SNMP trap daemon using UDP port **11173** by default.

**Note:**

1. If `'snmpPropAlarmOwnIpv6Address'` parameter in semi-static configuration file is set, then specified address will be used as source address for sending SNMP traps to SNMP Manager with address of type IPv6.
2. If `'snmpPropAlarmOwnIpAddress'` parameter in semi-static configuration file is set, then specified address will be used as source address for sending SNMP traps to SNMP Manager with address of type IPv4.

## 2.4.1 Default Port Assignments

The default SNMP UDP port assignments used for NMM component running from `textpass` user are:

Component	Set and Get SNMP Port	Port Used to Originate SNMP Traps	Port Used to Originate Watchdog SNMP Traps
RTR	11161	11162	11163
HUB	11261	11262	11263
FAF	11461	11462	11463
AMS	11661	11662	11663
PBC	11761	11762	11763
LGP	11961	11962	11963
LGR	Not Applicable	15162	Not Applicable
BAT	12061	12062	12063
XS-MOD	12361	12362	12363
XS-MLC	12461	12462	12463
XS-DIL	12561	12562	12563
XS-CPY	12661	12662	12663
XS-FWD	12761	12762	12763
XS-TIE	12961	12962	12963
XS-BWL	13061	13062	13063
XS-BIV	13161	13162	13163
CRA	13261	13262	13263
XS-CRV	13361	13362	13363
EMG	13461	13462	13463

Component	Set and Get SNMP Port	Port Used to Originate SNMP Traps	Port Used to Originate Watchdog SNMP Traps
SPF SMS EIA	13561	13562	13563
EC-ABM	13661	13662	13663
SPF Core	13761	13762	13763
SSI	13861	13862	13863
XS-SIG	14161	14162	14163
XS-ARP	14261	14262	14263
DMF	14561	14562	14563

## 2.4.2 Multi-instance Configuration

In a multi-instance setup, each NMM component instance uses user-specific ports. In a multi - instance setup, the ports used by the `textpass` user have been tabulated in [Default Port Assignments](#). For non - default users (`tpuserxx`), ports to be used by the user are determined based on the value of the "BASE\_PORT", specified at the time of user creation.

**Note:** Multi-instance feature is supported on both RedHat Enterprise Linux and Solris platforms for RTR, HUB, AMS, FAF, PBC, SSI, IIW, EC-ABM, MAP-Screener, LGP and a separate LICENSE is required for an additional instance of a NMM component.

To view the ports used by target NMM user, execute the following command:

```
/usr/TextPass/bin/tp_manage_user --info
```

Here is a snapshot for one NMM user (`tpuser01`):

```
USER NAME       : tpuser01
USER UID        : 201
USER SNMP IDENTIFIER : 1504
```

```
=====
| PROCESS                                     | PORT NUMBERS
=====
| QCLI Server Port                           | 1519
| External Condition Interface Port           | 1501
| LGP Query Port                             | 1534
| RTR SNMP Port                             | 1502
| DMF SNMP Port                             | 1548
| EC-ABM SNMP Port                          | 1546
| IIW SNMP Port                             | 1536
| LGP SNMP Port                             | 1531
| SSI SNMP Port                             | 1526
| AMS SNMP Port                             | 1516
| FAF SNMP Port                             | 1511
| HUB SNMP Port                             | 1506
| PBC SNMP Port                             | 1521
| MAP-SCR SNMP Port                         | 1541
|
| RTR SNMP Trap Port                       | 1504
| DMF SNMP Trap Port                       | 1549
| EC-ABM SNMP Trap Port                   | 1547
| IIW SNMP Trap Port                       | 1537
| LGP SNMP Trap Port                       | 1532
=====
```

SSI SNMP Trap Port	1527
AMS SNMP Trap Port	1517
FAF SNMP Trap Port	1512
HUB SNMP Trap Port	1507
PBC SNMP Trap Port	1522
MAP-SCR SNMP Trap Port	1542
RTR Watchdog SNMP Trap Port	1505
DMF Watchdog SNMP Trap Port	1550
EC-ABM Watchdog SNMP Trap Port	1548
IIW Watchdog SNMP Trap Port	1538
LGP Watchdog SNMP Trap Port	1533
SSI Watchdog SNMP Trap Port	1528
AMS Watchdog SNMP Trap Port	1518
FAF Watchdog SNMP Trap Port	1513
HUB Watchdog SNMP Trap Port	1508
PBC Watchdog SNMP Trap Port	1523
MAP-SCR Watchdog SNMP Trap Port	1543

**Note:** The output may be different on your server depending upon the base-port and SNMP trap identifier configured at the time of user creation.

For detailed information about `tp_manage_user` script, refer NMM Tools Operator Manual document.

### 2.4.3 SNMP Trap Identifier

A SNMP trap identifier is allocated to each newly added NMM user. SNMP traps generated by component instances specific to the user will use this SNMP trap identifier as prefix. This is mainly used to differentiate between the traps generated by various users.

Below is an example of AMS trap generated by AMS running from user with SNMP trap identifier as "111" is configured.

```
snmptrapd[28475]: 04:24:09 TRAP6.TEXTPASS-GEN-MIB::licGracePeriodActive
TEXTPASS-GEN-MIB::licGracePeriodTimer.0 = Timeticks: (59255100) 6 days, 20:35:51.00
TEXTPASS-GEN-MIB::deviceType.0 = STRING: "AMS_111" from localhost.localdomain
```

### 2.4.4 Configuration for IPv6

To enable SNMP trap receiver on the local system for receiving Trap(s) on IPv6 address, following configuration must be performed.

#### 2.4.4.1 Configuring the `textpass_snmptrap` with IPv6 Address

Perform below steps to configure `textpass_snmptrap` with IPv6 address:

1. Edit the file `textpass_snmptrap`:

```
$ vi /etc/init.d/textpass_snmptrapd
```

2. Uncomment the below:

```
/usr/local/sbin/snmptrapd -lsd -m ALL -F "%02.2h:%02.2j:%02.2k TRAP#w.%q %v from
%B\n" udp6:11173
```

3. Restart the `textpass_snmptrapd` process:

```
$ /etc/init.d/textpass_snmptrapd stop
$ /etc/init.d/textpass_snmptrapd start
```

## 2.5 Trap Filtering

SNMP trap filters to be applied on the NewNet Mobile Messaging component(s) and can be customised per configured alarm station. This filtering can be configured using a combination of black-listing and white-listing of traps in two tables that are associated with the alarm stations table:

- **Whitelist table**—Contains a list of all traps that should be sent toward an alarm station (wild-cards are allowed)
- **Blacklist table**—Contains a list of traps that should be blocked for a particular alarm station (wild-cards are allowed)

**Note:** The whitelist is applied before the blacklist. An empty whitelist is identical to a whitelist of "\*". An empty blacklist does not block any trap.

The following rules and restrictions apply:

- Creating a whitelist for a trap belonging to a specific MIB, implicitly blacklists all other traps from that MIB, for the alarm station the whitelist is configured on.
- It is *not* possible to have a black- and whitelist for traps that belong to the same MIB and for the same alarm station. It is possible to combine both a black- and whitelist for a specific trapreceiver, as long as the black- and whitelist do not contain entries from the same MIB.

### 2.5.1 Trap Filter Configuration

The trap receiver can be configured using the following parameters:

Name	M/O	Description
trapreceiver	M	Entity containing configuration details for a trap receiver.
ipaddress	M	Address of the trap receiver. Address can be IPv4 or IPv6, or Hostname.
udpport	M	UDP port on the trap receiver to which traps are sent.
whitelist	M	The trap filter whitelist defines the traps that are allowed to be sent to the alarm station. The whitelist table can contain up to 50 filter entries per alarm station.
blacklist	M	The trap filter blacklist defines the traps that are not allowed to be sent to the alarm station. The blacklist table can contain up to 50 filter entries per alarm station.
<mib> trap	M	Defines the trap that needs to be filtered. Where <mib> refers to the MIB where the trap is specified. For example apc, hub, etc.

## 2.5.2 Trap Filter Examples

Traps must be configured for the MIB in which they are specified, for example:

- The `applicationOutsideCapacityUsageAtGrowing` trap is specified in `TEXTPASS-APC-MIB`. Therefore it should be configured as:

```
<apc trap="applicationOutsideCapacityUsageAtGrowing"/>
```

- The `licenseWillExpire` trap is specified in `TEXTPASS-GEN-MIB`. Therefore, it should be configured as:

```
<gen trap="licenseWillExpire"/>
```

### Example 1

This trap filter example causes all traps, except `hubSessionUsageGrowing` and `hubSessionUsageShrinking`, to be sent to the alarm station.

```
<trapreceiver ipAddress="192.168.1.100" udpport="162">
  <blacklist>
    <hub trap="hubSessionUsageGrowing"/>
    <hub trap="hubSessionUsageShrinking"/>
  </blacklist>
</trapreceiver>
```

### Example 2

This trap filter example causes only `hubSessionUsageGrowing` and `hubSessionUsageShrinking` to be sent to the alarm station. All other traps defined in the HUB MIB are implicitly blacklisted.

```
<trapreceiver ipAddress="192.168.1.100" udpport="162">
  <whitelist>
    <hub trap="hubSessionUsageGrowing"/>
    <hub trap="hubSessionUsageShrinking"/>
  </whitelist>
</trapreceiver>
```

### Example 3

This trap filter example causes:

- All HUB MIB traps defined in the HUB MIB, except `hubSessionUsageGrowing` and `hubSessionUsageShrinking`, to be sent to the alarm station.
- Only GEN MIB trap `licenseWillExpire` to be sent to the alarm station. All other traps defined in the GEN MIB are implicitly blacklisted.
- All traps belonging MIBs other than HUB or GEN, to be sent to the alarm station.

```
<trapreceiver ipAddress="192.168.1.100" udpport="162">
  <blacklist>
    <hub trap="hubSessionUsageGrowing"/>
    <hub trap="hubSessionUsageShrinking"/>
  </blacklist>
  <whitelist>
    <gen trap="licenseWillExpire"/>
  </whitelist>
</trapreceiver>
```

### Example 4



This trap filter example causes all the traps to be sent on IPv6 address:

```
<trapreceiver ipaddress="fe80::216:36ff:fe0c:a4cc" udpport="163">
  <blacklist>
    <hub trap="hubSessionUsageGrowing"/>
    <hub trap="hubSessionUsageShrinking"/>
  </blacklist>
</trapreceiver>
```

### Example 5

This trap filter example causes all the traps to be sent on Hostname:

```
<trapreceiver ipaddress="lipari" udpport="162">
  <blacklist>
    <hub trap="hubSessionUsageGrowing"/>
    <hub trap="hubSessionUsageShrinking"/>
  </blacklist>
  <whitelist>
    <gen trap="licenseWillExpire"/>
  </whitelist>
</trapreceiver>
```

## 2.6 Device Type Variable Binding

All SNMP traps invoked by NewNet Mobile Messaging include a variable that includes the name of the applicable component. This feature allows trap receivers to distinguish among traps from different products.

### Example:

```
11:28:58 TEXTPASS-GEN-MIB::networkDiscoveryNodeAdded TEXTPASS-GEN-
MIB::lastSnmpErrorString.0 = STRING: "node_type=RTR, port=25092,
ip1=10.0.0.46" TEXTPASS-GEN-MIB::deviceType.0 = STRING: "HUB"
from system1.asd.mbalance.com
```

## 2.7 Trap Severity

The SNMP traps indicate a state change or an event of a NewNet Mobile Messaging component or an associated (network) element. To ensure the highest level of service, it is important to respond to SNMP traps that require attention.

The SNMP trap classification below helps to identify the appropriate user action for each SNMP trap. The following trap severities are defined:

Severity	Description	Recommended Action
Critical	The traps in this severity class are associated with a severe loss of service.	Immediately report this incident to the NewNet Mobile Messaging customer support representative.
Error	The traps in this severity class are associated with a (partial) service degradation of main service aspects.	Alert the operator contact responsible for the platform or associated network component. After quick assessment of

Severity	Description	Recommended Action
		the error, contact the customer support representative, if required.
Warning	The traps in this severity class are associated with possible service degradation.	Verify that the trap is related to service degradation. If so, alert the operator contact responsible for the platform or associated network component.
Informational	The traps in this severity class are associated with an event that may require attention, but are normally not service-affecting.	In most cases, no special action is required.

## 2.8 SNMP Trap Community

The "SNMP Community string" is like a user id or password that allows access to the trap receiver. SNMP authentication of clients (in the SNMPv1 protocol) is performed only by a "community string". The trap receiver makes use of the community string in the trap to decide whether or not to process the trap.

A semi-static parameter is supported to configure the SNMP community field for SNMP traps. When configured, all NMM components will generate traps using the configured SNMP community field.

### 2.8.1 snmptrapcommunity

#### Mandatory/Optional

Optional

#### Location

Common configuration file (under `tpconfig` attributes)

#### Default

public

#### Description

Defines the SNMP Trap Community field, which will be used by all NMM components for generating traps. The range of the string length is [1,127].

#### Example

Refer example below to set "NEWNET" as SNMP Trap Community field.

```
<tpconfig
  snmptrapcommunity="NEWNET"
>
```



# Chapter 3

## Mobile Messaging Traps

---

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### 3.1 Introduction

This chapter contains an alphabetical list of all SNMP traps that can be generated by Mobile Messaging systems. For each trap the following information is provided:

- A description of the trap
- The Mobile Messaging component(s) that can generate the trap
- The facility to which this trap relates
- The MIB where this trap is defined
- The OID of the trap
- The trap severity
- The corresponding clear trap (if applicable)
- Recovery action information (if applicable).

### 3.2 ablGtNetProvisioned

The trap is raised when a successful ABL provisioning from FAF to MGR has happened.

**Component:** FAF

**Facility:** FAF ABL Provisioning Client

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.46

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.3 actionApplied

This trap is raised when a chain applies and the action was taken.

**Component:** FAF, PBC (R01.xx)

**Facility:** FAF, PBC (R01.xx)

**MIB:** FAF, PBC (R01.xx)

**OID:** 1.3.6.1.4.1.9679.1.61.0.1 (FAF), 1.3.6.1.4.1.9679.1.81.0.1 (PBC)

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.4 addressDataFileEmpty

The specified data file is empty.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.14

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Enter some addresses for which text should be inserted in the file. Refer to the XS-TIE Operator Manual for details on formatting.

### 3.5 addressDataFileIncorrectlyFormatted

The specified data file contains a line which is improperly formed.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.12

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Check that all lines in the file comply with the restrictions detailed in the XS-TIE Operator Manual.

### 3.6 addressDataFileTooBig

The specified data file contains too many entries (more than 1,000,000).

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.13

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Decrease the number of entries.

### 3.7 addressDataFileUnavailable

The specified data file cannot be read.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.11

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Check the host-specific configuration file and verify that the address file it points to actually exists. Refer to the XS-TIE Operator Manual for details.

### 3.8 aoDataFileIncorrectlyFormatted

The specified data file for AO traffic contains improperly formatted data.

**Component:** EC-ABM

**Facility:** EC-ABM

**MIB:** EC-ABM

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check that all lines in the AO data file for EC-ABM are formatted correctly. For data file formatting details, refer the EC-ABM Operator Manual.



### 3.9 aoDataFileTooBig

The specified data file for AO traffic contains too many entries (> 100,000).

**Component:** EC-ABM

**Facility:** EC-ABM

**MIB:** EC-ABM

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Make sure the AO data file for EC-ABM does not contain more than 100,000 entries.

### 3.10 aoDataFileUnavailable

The specified data file for AO traffic cannot be read.

**Component:** EC-ABM

**Facility:** EC-ABM

**MIB:** EC-ABM

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Make sure that the configured AO data file for EC-ABM is available.

### 3.11 applicationConfigFailure

This is a trap issued by the watchdog process when the application process can not be configured correctly.

**Note:** The term 'application' in this case means a NewNet Mobile Messaging RTR, HUB, AMS, PBC, etc. process, so not to be confused with an SMS Application or ESME.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.35

**Severity:** Critical

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the syslog for error messages about specific configuration attributes and correct these in the common/host-specific configuration file(s).

### 3.12 applicationCorrectOutsideCimdPassword

An application used a correct CIMD password to identify itself. This trap is only sent if an applicationIncorrectOutsideCimdPassword for this application was pending.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.56

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.13 applicationCorrectOutsideSmppPassword

An application used a correct SMPP password to identify itself. This trap is only sent if an applicationIncorrectOutsideSmppPassword for this application was pending.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.54

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.14 applicationCorrectOutsideUcpPassword

An application used a correct UCP password to identify itself. This trap is only sent if an applicationIncorrectOutsideUcpPassword for this application was pending.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.55

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.15 applicationDataFileEmpty

The specified data file is empty.

**Component:** XS-BIV, XS-CRV

**Facility:** XS-BIV, XS-CRV

**MIB:** XS-BIV, XS-CRV

**OID:** 1.3.6.1.4.1.9679.1.141.0.14 (XS-BIV), 1.3.6.1.4.1.9679.1.142.0.14 (XS-CRV)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Make sure that the datafile contains valid entries. Refer to the Operator Manual for details on formatting.

### 3.16 applicationDataFileIncorrectlyFormatted

The specified data file contains a line that is improperly formatted.

**Component:** XS-BIV, XS-CRV

**Facility:** XS-BIV, XS-CRV

**MIB:** XS-BIV, XS-CRV

**OID:** 1.3.6.1.4.1.9679.1.141.0.12 (XS-BIV), 1.3.6.1.4.1.9679.1.142.0.12 (XS-CRV)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check that all lines in the file have the correct syntax as detailed in the Operator Manual.

### 3.17 applicationDataFileTooBig

The specified data file contains more than 10,000 entries.

**Component:** XS-BIV, XS-CRV

**Facility:** XS-BIV, XS-CRV

**MIB:** XS-BIV, XS-CRV

**OID:** 1.3.6.1.4.1.9679.1.141.0.13 (XS-BIV), 1.3.6.1.4.1.9679.1.142.0.13 (XS-CRV)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Verify that the number of entries does not exceed the maximum allowed number of entries.

### 3.18 applicationDataFileUnavailable

The specified data file cannot be read.

**Component:** XS-BIV, XS-CRV

**Facility:** XS-BIV, XS-CRV

**MIB:** XS-BIV, XS-CRV

**OID:** 1.3.6.1.4.1.9679.1.141.0.11 (XS-BIV), 1.3.6.1.4.1.9679.1.142.0.11 (XS-CRV)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the host-specific configuration file and verify if the file it points to actually exists.

### 3.19 applicationExited

The application process has exited on a user request.

**Note:** The term 'application' in this case means a NewNet Mobile Messaging RTR, HUB, AMS, PBC, etc. process, so not to be confused with an SMS Application or ESME.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.37

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.20 applicationHeartBeatMissed

The application process did not send its heartbeat signal in time to the watchdog.

**Note:** The term 'application' in this case means a NewNet Mobile Messaging RTR, HUB, AMS, PBC, etc. process, so not to be confused with an SMS Application or ESME.

Missing a single heartbeat may be caused by a short burst of high traffic load, or the system in general being too busy.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.36

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

1. Verify that no other processes than NewNet Mobile Messaging processes are busy on the system.
2. Verify if a NewNet Mobile Messaging process has a very high CPU load.

### 3.21 applicationIncorrectOutsideCimdPassword

An application used an incorrect CIMD password to identify itself. This trap is sent on every occurrence.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.53

**Severity:** Informational

**Clear Trap:** [\*applicationCorrectOutsideCimdPassword\*](#)

**Recovery Action:**

The Application (ESME) should use use the correct password as set in the configuration of that Application.

### 3.22 applicationIncorrectOutsideSmppPassword

An application used an incorrect SMPP password to identify itself. This trap is sent on every occurrence.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.51

**Severity:** Informational

**Clear Trap:** [\*applicationCorrectOutsideSmppPassword\*](#)

**Recovery Action:**

The Application (ESME) should use use the correct password as set in the configuration of that Application.

### 3.23 applicationIncorrectOutsideUcpPassword

An application used an incorrect UCP password to identify itself. This trap is sent on every occurrence.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.52

**Severity:** Informational

**Clear Trap:** [\*applicationCorrectOutsideUcpPassword\*](#)

**Recovery Action:**

The Application (ESME) should use use the correct password as set in the configuration of that Application.

### 3.24 applicationInsideCapacityUsageAoGrowing

Rate between the actual and the maximum number of pending submit transactions toward the scTerminationPoint is growing and has crossed a threshold.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.45

**Severity:** Informational

**Clear Trap:** [applicationInsideCapacityUsageAoShrinking](#)

**Recovery Action:**

None.

### 3.25 applicationInsideCapacityUsageAoShrinking

Rate between the actual and the maximum number of pending submit transactions toward the scTerminationPoint is shrinking and has crossed a threshold.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.46

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.26 applicationInsideCapacityUsageAtGrowing

Rate between the actual and the maximum number of pending delivery transactions from the scTerminationPoint is growing and has crossed a threshold.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.47

**Severity:** Informational

**Clear Trap:** *applicationInsideCapacityUsageAtShrinking*

**Recovery Action:**

None.

### 3.27 applicationInsideCapacityUsageAtShrinking

Rate between the actual and the maximum number of pending delivery transactions from the scTerminationPoint is shrinking and has crossed a threshold.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.48

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.28 applicationInsideCimdLoginRefused

The HUB could not log the CIMD application on to the Service Centre. This trap is sent on every occurrence.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.63

**Severity:** Informational

**Clear Trap:** *applicationInsideCimdLoginSucceeded*

**Recovery Action:**

Verify that the password is configured correctly and matches that of the SMSC configuration.



### 3.29 applicationInsideCimdLoginSucceeded

HUB succeeded in logging the CIMD application on to the Service Centre. This trap is only sent if an applicationInsideCimdLoginRefused for this application and service centre was pending.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.66

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.30 applicationInsideCimdMinimumSessionsNotReached

Number of inside CIMD sessions is below the configured applicationInsideMinimumSessionsThreshold value.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.84

**Severity:** Informational

**Clear Trap:** [applicationInsideCimdMinimumSessionsReached](#)

**Recovery Action:**

None or verify that sufficient SMSCs are available to connect to and that there are no network issues preventing connections to be established.

### 3.31 applicationInsideCimdMinimumSessionsReached

Number of inside CIMD sessions is no longer below the configured applicationInsideMinimumSessionsThreshold value.

Clear of the applicationInsideCimdMinimumSessionsNotReached trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.85

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None

### 3.32 applicationInsideCimdSessionStarted

HUB established a new CIMD session with ScTerminationPoint.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.19

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.33 applicationInsideCimdSessionStopped

A CIMD session between HUB and ScTerminationPoint has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.20

**Severity:** Informational

**Clear Trap:** [applicationInsideCimdSessionStarted](#)

**Recovery Action:**

None.

### 3.34 applicationInsideSmppLoginRefused

The HUB could not log the SMPP application on to the Service Centre. This trap is sent on every occurrence.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.61

**Severity:** Informational

**Clear Trap:** [applicationInsideSmppLoginSucceeded](#)

**Recovery Action:**

Verify that the password is configured correctly and matches that of the SMSC configuration.

### 3.35 applicationInsideSmppLoginSucceeded

HUB succeeded in logging the SMPP application on to the Service Centre. This trap is only sent if an applicationInsideSmppLoginRefused for this application and service centre was pending.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.64

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.36 applicationInsideSmppReceiverStarted

HUB has established a new SMPP receiver with ScTerminationPoint.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.11

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.37 applicationInsideSmppReceiverStopped

An SMPP receiver between HUB and ScTerminationPoint has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.12

**Severity:** Informational

**Clear Trap:** [applicationInsideSmppReceiverStarted](#)

**Recovery Action:**

None.

### 3.38 applicationInsideSmppRxMinimumSessionsNotReached

Number of inside SMPP receiver sessions is below the configured applicationInsideMinimumSessionsThreshold value.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.88

**Severity:** Informational

**Clear Trap:** [applicationInsideSmppRxMinimumSessionsReached](#)

**Recovery Action:**

None or verify that sufficient SMSCs are available to connect to and that there are no network issues preventing connections to be established.

### 3.39 applicationInsideSmppRxMinimumSessionsReached

Number of inside SMPP receiver sessions is no longer below the configured applicationInsideMinimumSessionsThreshold value.

Clear of the applicationInsideSmppRxMinimumSessionsNotReached trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.89

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.40 applicationInsideSmppTransceiverStarted

HUB has established a new SMPP transceiver with ScTerminationPoint.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.15

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.41 applicationInsideSmppTransceiverStopped

An SMPP transceiver between HUB and ScTerminationPoint has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.16

**Severity:** Informational

**Clear Trap:** *applicationInsideSmppTransceiverStarted*

**Recovery Action:**

None.

### 3.42 applicationInsideSmppTransmitterStarted

HUB has established a new SMPP transmitter with ScTerminationPoint.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.13

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.43 applicationInsideSmppTransmitterStopped

An SMPP transmitter between HUB and ScTerminationPoint has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.14

**Severity:** Informational

**Clear Trap:** *applicationInsideSmppTransmitterStarted*

**Recovery Action:**

None.

### 3.44 applicationInsideSmppTrxMinimumSessionsNotReached

Number of inside SMPP transceiver sessions is below the configured `applicationInsideMinimumSessionsThreshold` value.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.96

**Severity:** Informational

**Clear Trap:** *applicationInsideSmppTrxMinimumSessionsReached*

**Recovery Action:**

None or verify that sufficient SMSCs are available to connect to and that there are no network issues preventing connections to be established.

### 3.45 applicationInsideSmppTrxMinimumSessionsReached

Number of inside SMPP transceiver sessions is no longer below the configured `applicationInsideMinimumSessionsThreshold` value.

Clear of the `applicationInsideSmppTrxMinimumSessionsNotReached` trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.97

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.46 applicationInsideSmppTxMinimumSessionsNotReached

Number of inside SMPP transmitter sessions is below the configured `applicationInsideMinimumSessionsThreshold` value.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.92

**Severity:** Informational

**Clear Trap:** *applicationInsideSmppTxMinimumSessionsReached*

**Recovery Action:**

None or verify that sufficient SMSCs are available to connect to and that there are no network issues preventing connections to be established.

### 3.47 applicationInsideSmppTxMinimumSessionsReached

Number of inside SMPP transmitter sessions is no longer below the configured applicationInsideMinimumSessionsThreshold value.

Clear of the applicationInsideSmppTxMinimumSessionsNotReached trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.93

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.48 applicationInsideSufficientCapacityAvailable

This Trap will be sent when total inside capacity becomes greater than or equal to the total outside capacity. This Trap will only be triggered in order to clear a previously raised applicationInsideSufficientCapacityNotAvailable Trap, if Send Short Ack. functionality is enabled and applied for an application.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.



### 3.49 applicationInsideSufficientCapacityNotAvailable

This Trap will be raised incase total inside capacity is less than the total outside capacity. This Trap will only be triggered while sending a Short Ack. to an application, i.e. if this functionality is enabled and applied for an application.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.101

**Severity:** Informational

**Clear Trap:** applicationInsideSufficientCapacityAvailable.

**Recovery Action:**

None.

### 3.50 applicationInsideUcpLoginRefused

The HUB could not log the UCP application on to the Service Centre. This trap is sent on every occurrence.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.62

**Severity:** Informational

**Clear Trap:** [applicationInsideUcpLoginSucceeded](#)

**Recovery Action:**

Verify that the password is configured correctly and matches that of the SMSC configuration.

### 3.51 applicationInsideUcpLoginSucceeded

HUB succeeded in logging the UCP application on to the Service Centre. This is trap is only sent if an applicationInsideUcpLoginRefused for this application and service centre was pending.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.65

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.52 applicationInsideUcpSessionStarted

HUB established a new UCP session with ScTerminationPoint.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.17

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.53 applicationInsideUcpSessionStopped

A UCP session between HUB and ScTerminationPoint has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.18

**Severity:** Informational

**Clear Trap:** [applicationInsideUcpSessionStarted](#)

**Recovery Action:**

None.

### 3.54 applicationOperationalStateChanged

The operational state of an application has changed.

The application can have the following operational states:

- adminDisabled
- unreachable
- throughputExceeded
- available
- testing
- destroyed

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.34

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *applicationOperationalStateChanged*

**Recovery Action:**

None.

### 3.55 applicationOutsideCapacityUsageAoGrowing

Rate between the actual and the maximum number of pending submit transactions from the application is growing and has crossed a threshold.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.41

**Severity:** Informational

**Clear Trap:** *applicationOutsideCapacityUsageAoShrinking*

**Recovery Action:**

None.

### 3.56 applicationOutsideCapacityUsageAoShrinking

Rate between the actual and the maximum number of pending submit transactions from the application is shrinking and has crossed a threshold.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.42

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.57 applicationOutsideCapacityUsageAtGrowing

Rate between the actual and the maximum number of pending delivery transactions toward the application is growing and has crossed a threshold.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.43

**Severity:** Informational

**Clear Trap:** [applicationOutsideCapacityUsageAtShrinking](#)

**Recovery Action:**

None.

### 3.58 applicationOutsideCapacityUsageAtShrinking

Rate between the actual and the maximum number of pending delivery transactions toward the application is shrinking and has crossed a threshold.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.44

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.59 applicationOutsideCimdMinimumSessionsNotReached

Number of outside CIMD sessions is below the configured applicationOutsideMinimumSessionsThreshold value.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.86

**Severity:** Informational

**Clear Trap:** [applicationOutsideCimdMinimumSessionsReached](#)

**Recovery Action:**

None or verify that sufficient SMSCs are available to connect to and that there are no network issues preventing connections to be established.

### 3.60 applicationOutsideCimdMinimumSessionsReached

Number of outside CIMD sessions is no longer below the configured applicationOutsideMinimumSessionsThreshold value.

Clear of the applicationOutsideCimdMinimumSessionsNotReached trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.87

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.61 applicationOutsideCimdSessionStarted

Application has established a new CIMD session with the HUB.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.9

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.62 applicationOutsideCimdSessionStopped

A CIMD session between application and HUB has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.10

**Severity:** Informational

**Clear Trap:** *applicationOutsideCimdSessionStarted*

**Recovery Action:**

None.

### 3.63 applicationOutsideSmppReceiverStarted

Application has established a new SMPP receiver with the HUB.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.1

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.64 applicationOutsideSmppReceiverStopped

An SMPP receiver between application and HUB has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.2

**Severity:** Informational

**Clear Trap:** [applicationOutsideSmppReceiverStarted](#)

**Recovery Action:**

None.

### 3.65 applicationOutsideSmppRxMinimumSessionsNotReached

Number of outside SMPP receiver sessions is below the configured applicationOutsideMinimumSessionsThreshold value.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.90

**Severity:** Informational

**Clear Trap:** [applicationOutsideSmppRxMinimumSessionsReached](#)

**Recovery Action:**

None or verify that the application (ESME) is able to connect to the HUB.

### 3.66 applicationOutsideSmppRxMinimumSessionsReached

Number of outside SMPP receiver sessions is no longer below the configured applicationOutsideMinimumSessionsThreshold value.

Clears the applicationOutsideSmppRxMinimumSessionsNotReached trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.91

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.67 applicationOutsideSmppTransceiverStarted

Application has established a new SMPP transceiver with the HUB.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.5

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.68 applicationOutsideSmppTransceiverStopped

An SMPP transceiver between application and HUB has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.6

**Severity:** Informational

**Clear Trap:** [applicationOutsideSmppTransceiverStarted](#)

**Recovery Action:**

None.

### 3.69 applicationOutsideSmppTransmitterStarted

Application has established a new SMPP transmitter with the HUB.



**Component:** HUB  
**Facility:** Application  
**MIB:** APC  
**OID:** 1.3.6.1.4.1.9679.1.33.0.3  
**Severity:** Informational  
**Clear Trap:** This is a clear trap.  
**Recovery Action:**  
None.

### 3.70 applicationOutsideSmppTransmitterStopped

An SMPP transmitter between application and HUB has been released.

**Component:** HUB  
**Facility:** Application  
**MIB:** APC  
**OID:** 1.3.6.1.4.1.9679.1.33.0.4  
**Severity:** Informational  
**Clear Trap:** *applicationOutsideSmppTransmitterStarted*  
**Recovery Action:**  
None.

### 3.71 applicationOutsideSmppTrxMinimumSessionsNotReached

Number of outside SMPP transceiver sessions is below the configured applicationOutsideMinimumSessionsThreshold value.

**Component:** HUB  
**Facility:** Application  
**MIB:** APC  
**OID:** 1.3.6.1.4.1.9679.1.33.0.98  
**Severity:** Informational  
**Clear Trap:** *applicationOutsideSmppTrxMinimumSessionsReached*  
**Recovery Action:**  
None or verify that the application (ESME) is able to connect to the HUB.

### 3.72 applicationOutsideSmppTrxMinimumSessionsReached

Number of outside SMPP transceiver sessions is no longer below the configured applicationOutsideMinimumSessionsThreshold value.

Clears the applicationOutsideSmppTrxMinimumSessionsNotReached trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.99

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.73 applicationOutsideSmppTxMinimumSessionsNotReached

Number of outside SMPP transmitter sessions is below the configured applicationOutsideMinimumSessionsThreshold value.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.94

**Severity:** Informational

**Clear Trap:** [applicationInsideSmppTxMinimumSessionsReached](#)

**Recovery Action:**

None or verify that the application (ESME) is able to connect to the HUB.

### 3.74 applicationOutsideSmppTxMinimumSessionsReached

Number of outside SMPP transmitter sessions is no longer below the configured applicationOutsideMinimumSessionsThreshold value.

Clears the applicationOutsideSmppTxMinimumSessionsNotReached trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.95

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.75 applicationOutsideUcpMinimumSessionsNotReached

Number of outside UCP sessions is below the configured applicationOutsideMinimumSessionsThreshold value.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.82

**Severity:** Informational

**Clear Trap:** [applicationOutsideUcpMinimumSessionsReached](#)

**Recovery Action:**

None or verify that the application (ESME) is able to connect to the HUB.

### 3.76 applicationOutsideUcpMinimumSessionsReached

Number of outside UCP sessions is no longer below the configured applicationOutsideMinimumSessionsThreshold value.

Clears the applicationOutsideUcpMinimumSessionsNotReached trap.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.83

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.77 applicationOutsideUcpSessionStarted

Application has established a new UCP session with the HUB.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.7

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.78 applicationOutsideUcpSessionStopped

A UCP session between application and HUB has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.8

**Severity:** Informational

**Clear Trap:** [applicationOutsideUcpSessionStarted](#)

**Recovery Action:**

None.

### 3.79 applicationNotMatch

An application that CLI recognises used a different log-in name and was refused. Refer to the error string for more information.

**Component:** HUB

**Facility:** System

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.15

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.80 applicationShutdown

The application process (RTR, HUB, etc.) has terminated permanently and will not be restarted.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.39

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Contact your system administrator.

### 3.81 applicationStarted

The application process has been started by the watchdog.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.34

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.82 applicationStartFailure

Starting the application process by the watchdog failed.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.33

**Severity:** Critical

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Contact your system administrator.

### 3.83 applicationTerminated

The application process has been terminated by the watchdog.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.38

**Severity:** Critical

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Contact your system administrator.

### 3.84 applicationUnknown

An unknown (not configured) application tried to log in and was refused. Refer to the error string for more information.

**Component:** HUB

**Facility:** System

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.14

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.85 archiveFailed

The archiving or un-archiving module encountered a critical error condition.

**Component:** LGP

**Facility:** Log Processor

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.9

**Severity:** Critical

**Clear Trap:** Not applicable. LGP loader module restarts due to this error.

**Recovery Action:**

archiveFailed trap is normally generated when system ran out of disk space during Archiving or Un-archiving. Backup old tables on external storage and re-configure LGP DB archive module to archive tables older than configured value of `lgpdbarchiveolderthan` parameter.

### 3.86 arpConcurrentTransactionsHighWaterTrap

The number of concurrent Auto Reply (ARP) messages generated by the RTR has reached 80% of the threshold configured through `maxnumpendingarps`.

This trap is generated at most once per minute.

**Component:** RTR

**Facility:** Auto reply

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.47

**Severity:** Warning

**Clear Trap:** *arpConcurrentTransactionsLowWaterTrap*

**Recovery Action:**

1. Verify if the following configuration parameters need to be adjusted:

- `maxnumpendingarps`
- `maxnumarpspersecond`
- `delayforautoreplytomtmessage`

Refer to the RTR Operator Manual for more information.

2. Add more systems to support the concurrent Auto Reply (ARP) transaction load (please contact your NewNet account manager).

### 3.87 arpConcurrentTransactionsLowWaterTrap

The number of concurrent Auto Reply (ARP) messages generated by the RTR has dropped below 60% of the threshold configured through maxnumpendingarps.

**Component:** RTR

**Facility:** Auto reply

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.48

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.88 atDataFileEmpty

The specified data file is empty.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.24

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Make sure that the datafile contains valid entries. Refer to the XS-CPY Operator Manual for details on formatting.

### 3.89 atDataFileIncorrectlyFormatted

The specified data file contains addresses that are not properly formed.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.22



**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check that all lines in the file are formatted as detailed in the XS-CPY Operator Manual.

### 3.90 atDataFileTooBig

The specified data file contains more than 10,000 entries.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.23

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Make sure the data file does not contain more than the maximum allowed entries. Refer to the XS-CPY Operator Manual for details.

### 3.91 atDataFileUnavailable

The specified data file cannot be read.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.21

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the host-specific configuration file and verify if the address file it points to actually exists. Refer to the XS-CPY Operator Manual for details.

### 3.92 atmDeActivationFailedTrap

This trap is generated when an "anytime modification" (ATM) de-activation request to the HLR fails. It indicates that an SMS for the subscriber may get stuck as the HLR might not have updated the status that the subscriber is no longer serviced by the IPSMGW.

**Component:** RTR

**Facility:** ATM

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.101

**Severity:** Warning

**Clear Trap:** Not Applicable.

**Recovery Action:**

Check the error received from the HLR and informs the HLR team about this error.

### 3.93 attemptToExceedLicensedThroughput

The throughput in terms of transactions per unit of time as defined in the license for this RTR is not sufficient to handle the actual load. Because all messages above this limit are rejected, it is advisable to act on this trap immediately.

**Component:** RTR, BAT

**Facility:** License

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.2

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Contact your support representative to obtain a license upgrade.

### 3.94 attemptToExceedNumOfLicensedLinks

This trap is generated when a configuration change is made that requires a license that is not available. Please contact your supplier for a license upgrade.

**Component:** RTR

**Facility:** License

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.4

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Contact your support representative to obtain a license upgrade.

### 3.95 attemptToExceedNumOfLicensedTrunks

This trap is generated when a configuration change is made that requires a license that is not available. Please contact your supplier for a license upgrade.

**Component:** RTR

**Facility:** License

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.3

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Contact your support representative to obtain a license upgrade.

### 3.96 attemptToUseNonLicencedFeature

This trap is generated when a configuration change is made that requires a license that is not available. Please contact your supplier for a license upgrade.

**Component:** HUB

**Facility:** License

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.5

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Contact your support representative to obtain a license upgrade.

### 3.97 availableSessionEqualToConfigured

The BAT is able to establish number of configured session with the SMSC.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.10

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.98 availableSessionLessThanConfigured

The BAT is unable to establish number of configured sessions with the SMSC, after attempting for maximum retry attempts.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.11

**Severity:** Informational

**Clear Trap:** [\*availableSessionEqualToConfigured\*](#)

**Recovery Action:**

None.

### 3.99 batApplicationSmppLoginRefused

The BAT could not login to the SMPP application.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.12

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Verify that the application login credentials are configured correctly and match that of the SMSC/HUB configuration.

### 3.100 batApplicationSmppSessionStarted

The BAT established a new SMPP Session with termination point.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.8

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.101 batApplicationSmppSessionStopped

An SMPP Session with BAT and termination point has been released.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.9

**Severity:** Informational

**Clear Trap:** *batApplicationSmppSessionStarted*

**Recovery Action:**

None.

### 3.102 batApplicationUcpLoginRefused

The BAT could not login to the UCP application.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.13

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Verify that the application login credentials are configured correctly and match that of the SMSC/HUB configuration.

### 3.103 batApplicationUcpSessionStarted

The BAT established a new UCP session with termination point.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.6

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.104 batApplicationUcpSessionStopped

A UCP Session with BAT and termination point has been released.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.7

**Severity:** Informational

**Clear Trap:** [batApplicationUcpSessionStarted](#)

**Recovery Action:**

None.

### 3.105 batDbAvailable

The BAT database is available. This trap clears the `batDbUnavailable` trap.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.1

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.106 batDbUnavailable

The BAT Database became unavailable.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.2

**Severity:** Error

**Clear Trap:** [batDbAvailable](#)

**Recovery Action:**

Verify that the BAT database-related configuration attributes are correct and that the database server is running.

### 3.107 batSlaveUnavailable

Master BAT node detects peer slave BAT node unavailability.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.5

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

1. If a coordinating BAT node in a domain has been taken out of services intentionally, then this trap is expected and can be treated as 'Informational'.
2. If this trap is unexpected, then report this to your system administrator.

### 3.108 bulkEndDetected

No more bulk messages have been detected for this value of the filter variable.

**Component:** FAF

**Facility:** Bulk Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.32

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.109 bulkStartDetected

Bulk messages have been detected for this value of the filter variable.

**Component:** FAF

**Facility:** Bulk Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.31

**Severity:** Informational

**Clear Trap:** *bulkEndDetected*

**Recovery Action:**

None.

### 3.110 clientErrorOccurred

The `tp_fclient` utility encountered an error.



**Component:** Tools

**Facility:** File Transfer

**MIB:** FXFER

**OID:** 1.3.6.1.4.1.9679.1.101.0.5

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Contact your Data Network Operator or your System Administrator depending on the type of problem.

### 3.111 clientSessionStarted

A `tp_fclient` process has initiated a file transfer session with the `tp_fserver` process running on the Manager to synchronise the configuration files.

**Component:** Tools

**Facility:** File Transfer

**MIB:** FXFER

**OID:** 1.3.6.1.4.1.9679.1.101.0.1

**Severity:** Warning

**Clear Trap:** This is a clear trap.

**Recovery Action:**

1. Verify if the trap is associated with a previous trap or with a data network problem.
2. Contact your Data Network Operator or your System Administrator depending on the type of problem.

### 3.112 clientSessionStopped

A `tp_fclient` process has released a file transfer session with a `tp_fserver` or the `tp_fclient` has noticed that the `tp_fserver` has released the session.

**Component:** Tools

**Facility:** File Transfer

**MIB:** FXFER

**OID:** 1.3.6.1.4.1.9679.1.101.0.2

**Severity:** Warning

**Clear Trap:** *clientSessionStarted*

**Recovery Action:**

1. Verify if the trap is associated with a previous trap or with a data network problem.
2. Contact your data network Operator or your System Administrator depending on the type of problem.

### 3.113 clusterExpired

A cluster expired because no similar message has been found for the configured duration. Further similar messages will have to start a new cluster before they are detected again. This trap clears the conditions for clusterStarted and clusterThreshold.

**Component:** FAF

**Facility:** Duplicates Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.23

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.114 clusterStarted

Duplicate messages have been found and a new cluster has been started.

**Component:** FAF

**Facility:** Duplicates Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.21

**Severity:** Informational

**Clear Trap:** *clusterExpired*

**Recovery Action:**

None.

### 3.115 clustersInUseAlert

The number of clusters that the FAF (`fafPropertiesDupsClustersInUse`) is tracking has crossed the configured threshold (`dupsclustertrapwarningthreshold` in the semi-static configuration file). The trap indicates the number of clusters being tracked and the warning level:

- `warningThreshold`—The number of clusters is above the configured threshold
- `limitationReached`—The number of clusters has reached the maximum that the FAF supports (500)

**Component:** FAF

**Facility:** Duplicates Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.19

**Severity:** Warning

**Clear Trap:** [clustersInUseAlertClean](#)

**Recovery Action:**

None.

### 3.116 clustersInUseAlertClean

The number of clusters that the FAF is tracking is 50 less than it was when the `clustersInUseAlert` trap was issued. The trap indicates the number of clusters being tracked and the warning level:

- `warningThreshold`—The number of clusters is above the configured threshold
- `belowWarningThreshold`—The number of clusters is below the configured threshold

**Component:** FAF

**Facility:** Duplicates Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.20

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.117 clusterThreshold

A cluster has grown beyond the configured size threshold. Depending on the configuration, further duplicate messages may be blocked.

**Component:** FAF

**Facility:** Duplicates Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.22

**Severity:** Warning

**Clear Trap:** *clusterExpired*

**Recovery Action:**

Report this trap immediately to your system administrator.

### 3.118 collectorError

The poll collector module encountered a non-fatal error condition (for example, the connection to one of the Router nodes failed).

**Component:** LGP

**Facility:** File Transfer

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.7

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.119 collectorFailed

The poll collector module encountered a fatal error condition.

**Component:** LGP

**Facility:** Log Processor

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.6

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.120 controllerFailed

The LGP controller module encountered a fatal error condition.

**Component:** LGP

**Facility:** Log Processor

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.1

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.121 cpyConcurrentTransactionsHighWaterTrap

The number of concurrent copy transactions generated by the RTR has reached 80% of the threshold configured through `maxnumconcurrentcopytransactions`.

This trap is generated at most once per minute.

**Component:** RTR

**Facility:** Copy

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.45

**Severity:** Warning

**Clear Trap:** [\*cpyConcurrentTransactionsLowWaterTrap\*](#)

**Recovery Action:**

1. Verify if the following configuration parameters need to be increased:

- `maxnumconcurrentcopytransactions`
- `maxnumcopiespersecond`

Refer to the RTR Operator Manual for more information.

2. Add more systems to support the concurrent copy transaction load (please contact your NewNet account manager).

### 3.122 cpyConcurrentTransactionsLowWaterTrap

The number of concurrent copy transactions generated by the RTR has dropped below 60% of the threshold configured through `maxnumconcurrentcopytransactions`.

**Component:** RTR

**Facility:** Copy

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.46

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.123 cpyInvalidAccessForDatabase

An attempt was made to do an MO or MT file based operation when the application is configured to use a database.

**Component:** XS-CPY

**Facility:** Database

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.31

**Severity:** Warning

**Clear Trap:** Not applicable

**Recovery Action:**

Check database-related and file based configuration attributes.

### 3.124 craCdrDirectoryDecodeFailureHighVolume

The number of files in the decode-failure subdirectory has reached the high volume mark.

**Component:** CRA

**Facility:** General

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.3

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check and correct the corrupted CDR files.

### 3.125 craCdrDirectoryDecodeFailureLowVolume

The number of files in the decode-failure subdirectory has fallen below the low volume mark. The high volume condition has been cleared.

**Component:** CRA

**Facility:** General

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.4

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.126 craCdrDirectoryHighVolume

The number of CDR files in the directory has reached the high volume mark. The CRA may not be able to process the CDR files faster than they are generated.

**Component:** CRA

**Facility:** General

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.1

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

1. Check the billing profile settings. Each CDR may contain a small number of CDR records.
2. Increase the size of the CDR files.

### 3.127 craCdrDirectoryLowVolume

The number of CDR files in the directory has fallen below the low volume mark. The high volume condition has been cleared.

**Component:** CRA

**Facility:** General

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.2

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.128 craDbConnectionFailure

The database connection failed

**Component:** CRA

**Facility:** Database

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.7

**Severity:** Warning

**Clear Trap:** [craDbConnectionOK](#)

**Recovery Action:**

1. Check the connection to the MySQL database.
2. Check the status of the MySQL database.

### 3.129 craDbConnectionOK

The connection to the MySQL database has been restored.

**Component:** CRA

**Facility:** Database

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.8



**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.130 craDbHighVolume

The number of entries in the processing table has reached the high volume mark.

**Component:** CRA

**Facility:** Database

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.5

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

1. Check the size of the CDR files.
2. Ensure that the number of CDR records in each CDR file is not too large. This number is configured in the billing profile.

### 3.131 craDbLowVolume

The number of entries in the CRA database has fallen below the low volume mark.

**Component:** CRA

**Facility:** Database

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.6

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.132 craHttpDown

The HTTP server connection failed.

**Component:** CRA

**Facility:** HTTP Server

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.10

**Severity:** Warning

**Clear Trap:** *craHttpUp*

**Recovery Action:**

1. Check the connection to the HTTP refund server.
2. Check the status of the HTTP refund server.

### 3.133 craHttpUp

The HTTP server connection has been restored.

**Component:** CRA

**Facility:** HTTP Server

**MIB:** CRA

**OID:** 1.3.6.1.4.1.9679.1.84.0.9

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.134 cryptCfgFailedActivationRejected

This trap is generated when the encryption module is required but failed to initialize and the semi-static variable `continueonwrongencryptconfig` is set to false.

The application will exit because the processes activation is rejected.

**Component:** RTR, HUB

**Facility:** Application

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.41

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Check whether the crypt directory and/or key-file are missing or have incorrect protection.

### 3.135 cryptCfgFailedNoUserDataStored

This trap is generated when the encryption module is required but failed to initialize and the semi-static variable `continueonwrongencryptconfig` is set to true.

The application will continue but the encrypted userdata content will be hidden (empty).

**Component:** RTR, HUB

**Facility:** Application

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.42

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

None or check whether the crypt directory and/or key-file are missing or have incorrect protection.

### 3.136 dalMultipleSearchResults

This trap is generated when a query resulted in multiple responses. The PBC uses only the first result. Possibly important information may be lost. Currently, this trap is only supported when using an LDAP database.

**Component:** PBC

**Facility:** PBC

**MIB:** DAL

**OID:** 1.3.6.1.4.1.9679.1.83.0.2

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap immediately to your Data Network Operator.

### 3.137 dalSessionFailed

This trap is generated when an attempt to connect to a server failed. Depending on the configured blackout period, the server will enter a blackout state after this failure. Currently, this trap is only supported when using an LDAP database.

**Component:** PBC

**Facility:** PBC

**MIB:** DAL

**OID:** 1.3.6.1.4.1.9679.1.83.0.1

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Report this trap immediately to your Data Network Operator.

### 3.138 databaseConnectionFailed

This trap is generated when the connection to the database (MySQL version only) could not be established. This is a fatal condition. The process will restart and try again.

**Component:** PBC (R01.xx)

**Facility:** PBC (R01.xx)

**MIB:** PBC (R01.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.4

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Report this trap immediately to your data network operator.

### 3.139 databaseError

This trap is generated when an SQL database query cannot be completed. The default action will be used instead. More information is available in the system log.

**Component:** PBC (R01.xx)

**Facility:** PBC (R01.xx)

**MIB:** PBC (R01.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.5

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap immediately to your Data Network Operator.

### 3.140 dataFileEmpty

The specified data file is empty.

**Component:** XS-FWD, XS-MLC, XS-MOD

**Facility:** XS-FWD, XS-MLC, XS-MOD

**MIB:** XS-FWD, XS-MLC, XS-MOD

**OID:** 1.3.6.1.4.1.9679.1.137.0.4 (XS-FWD), 1.3.6.1.4.1.9679.1.133.0.4 (XS-MLC), 1.3.6.1.4.1.9679.1.134.0.4 (XS-MOD)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Enter text that should be inserted in the file. Refer to the Operator Manual for details on formatting.

### 3.141 dataFileIncorrectlyFormatted

The specified data file contains addresses that are not properly formed.

**Component:** XS-FWD, XS-MLC, XS-MOD, EC-ABM

**Facility:** XS-FWD, XS-MLC, XS-MOD

**MIB:** XS-FWD, XS-MLC, XS-MOD, EC-ABM

**OID:** 1.3.6.1.4.1.9679.1.137.0.2 (XS-FWD), 1.3.6.1.4.1.9679.1.133.0.2 (XS-MLC), 1.3.6.1.4.1.9679.1.134.0.2 (XS-MOD), 1.3.6.1.4.1.9679.1.145.0.2 (EC-ABM)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check that all lines in the file comply with the restrictions detailed in the Operator Manual.

### 3.142 dataFileTooBig

The specified data file contains more than 1,000,000 entries.

**Component:** XS-FWD, XS-MLC, XS-MOD, EC-ABM

**Facility:** XS-FWD, XS-MLC, XS-MOD

**MIB:** XS-FWD, XS-MLC, XS-MOD, EC-ABM

**OID:** 1.3.6.1.4.1.9679.1.137.0.3 (XS-FWD), 1.3.6.1.4.1.9679.1.133.0.3 (XS-MLC), 1.3.6.1.4.1.9679.1.134.0.3 (XS-MOD), 1.3.6.1.4.1.9679.1.145.0.3 (EC-ABM)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Decrease the number of entries in the data file.

### 3.143 dataFileUnavailable

The specified data file cannot be read.

**Component:** XS-FWD, XS-MLC, XS-MOD, EC-ABM

**Facility:** XS-FWD, XS-MLC, XS-MOD

**MIB:** XS-FWD, XS-MLC, XS-MOD, EC-ABM

**OID:** 1.3.6.1.4.1.9679.1.137.0.1 (XS-FWD), 1.3.6.1.4.1.9679.1.133.0.1 (XS-MLC), 1.3.6.1.4.1.9679.1.134.0.1 (XS-MOD), 1.3.6.1.4.1.9679.1.145.0.1 (EC-ABM)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the host-specific configuration file. Check if the file it points to actually exists.

### 3.144 destinationOperationalStateChanged

The operational state of an MTP destination has changed. Typically this trap will also be given for other network elements, especially the STP.

The destination can have the following operational states:

- adminDisabled
- inaccessible
- throughputExceeded

- accessible

Possible causes:

- RTR has restarted
- Network cable has been unplugged

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.4

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *destinationOperationalStateChanged*

**Recovery Action:**

Report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="destinationOperationalStateChanged" />` is the correct definition.

### 3.145 deviceOperationalStateChanged

The device restarted. Other traps might following during restart operation.

Possible states:

- adminDisabled
- starting
- operating
- exiting
- synching

**Component:** All

**Facility:** General

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.6

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *deviceOperationalStateChanged*

**Recovery Action:**

1. Verify if the trap is associated with a previous or following trap or with a data network problem.
2. Contact your data network operator or your system administrator, depending on the type of problem.

### 3.146 diamPeerStateChange

This trap is generated when the connection state of a Diameter peer changed.

Possible connection states:

- disabled
- closed
- wait-con-ack
- wait-i-cea
- wait-elect
- wait-returns
- r-open
- i-open
- closing
- disabling
- listen

**Component:** PBC

**Facility:** PBC

**MIB:** DIAM

**OID:** 1.3.6.1.4.1.9679.1.82.0.1

**Severity:** Informational

**Clear Trap:** *diamPeerStateChange* (state = i-open)

**Recovery Action:**

Report this trap to your Diameter System Administrator.

### 3.147 dilHubAvailable

At least one HUB session is available, the process is able to receive send submit requests.

**Component:** XS-DIL

**Facility:** General

**MIB:** XS-DIL

**OID:** 1.3.6.1.4.1.9679.1.135.0.2

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.



### 3.148 dilHubUnavailable

No HUB session is available; the system will stop submitting pending messages and processing new requests.

**Component:** XS-DIL

**Facility:** General

**MIB:** XS-DIL

**OID:** 1.3.6.1.4.1.9679.1.135.0.1

**Severity:** Error

**Clear Trap:** [dilHubAvailable](#)

**Recovery Action:**

Check termination point-related configuration attributes and HUB connectivity.

### 3.149 dmfDataFileEmpty

This trap is raised when the configured list file is empty, i.e. it contains no records.

**Component:** DMF

**Facility:** DMF List Configuration

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.4

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

List file should be updated with at least single entry.

### 3.150 dmfDataFileIncorrectlyFormatted

This trap is raised when the configured list file contains incorrectly formatted entries.

This trap is also raised if the delimiter used in the list file is different from the delimiter configured in snmp.

**Component:** DMF

**Facility:** DMF List Configuration

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.2

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Remove incorrectly formatted entries from file.

### 3.151 dmfDataFileTooBig

This trap is raised when the configured list file contains more than 10,000,000 records.

**Component:** DMF

**Facility:** DMF List Configuration

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.3

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Decrease the number of entries in the data file.

### 3.152 dmfDataFileUnavailable

This trap is raised when either the configured list file is not available or unable to open the file for reading or specified file is not a file.

**Component:** DMF

**Facility:** DMF List Configuration

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.1

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Copy the configured list file.

### 3.153 dmfileProcessingNormal

This trap is raised when the count of pending intercept files for processing is reduced to 99.

**Component:** DMF

**Facility:** DMF Performance

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.6

**Severity:** Clear Trap

**Clear Trap:** Not applicable

**Recovery Action:**

N/A

### 3.154 dmfileProcessingSlow

This trap is raised when the count of pending intercept files for processing is greater 700.

**Component:** DMF

**Facility:** DMF Performance

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.5

**Severity:** Error

**Clear Trap:** dmfileProcessingNormal

**Recovery Action:**

N/A

### 3.155 dmfileInterceptFileParsingFailed

This trap is raised when Intercept file parsing gets failed.

**Component:** DMF

**Facility:** DMF Intercept File Parsing

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.10

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Need to analyze the intercept file for ASN.1 encoding issue.

### 3.156 dmfOutputFileCloseFailed

This trap is raised when DMF is unable to close already opened output CSV file for writing the filtered content.

**Component:** DMF

**Facility:** DMF output CSV file operation

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.9

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Report this trap immediately to your representative responsible for the DMF, as this trap will typically occur when there is not sufficient memory in the system to write the output content into the opened file. The other possibility is that somehow the file descriptor has got corrupted.

### 3.157 dmfOutputFileOpenFailed

This trap is raised when DMF is unable to open the output CSV file for writing the filtered content.

**Component:** DMF

**Facility:** DMF output CSV file operation

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.7

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Need to check if there is a sufficient available space in the memory.

### 3.158 dmfOutputFileWriteFailed

This trap is raised when DMF is unable to write filtered content into the output CSV file.

**Component:** DMF

**Facility:** DMF output CSV file operation

**MIB:** DMF

**OID:** 1.3.6.1.4.1.9679.1.152.0.8

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Need to check if there is a sufficient available space in the memory.

### 3.159 eciConnectionEstablished

The connection to the ECI server (RTR) has been established. This trap clears the condition for `eciDisconnect`, `eciConnectionFailed`, or `eciConnectionsFailed`.

**Component:** FAF, PBC (R01.xx), EC-ABM

**Facility:** ECI

**MIB:** FAF, PBC (R01.xx), ECI-GEN

**OID:** 1.3.6.1.4.1.9679.1.61.0.25 (FAF), 1.3.6.1.4.1.9679.1.81.0.25 (PBC), 1.3.6.1.4.1.9679.1.6.0.3 (ECI-GEN)

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.160 eciConnectionFailed

Unable to setup an ECI connection to the specified ECI server (RTR) or the connection was lost during operation. This trap most likely indicates a data network problem.

Check that the ECI server is listening and accepting connections on the configured IP address and port.

**Component:** EC-ABM

**Facility:** ECI

**MIB:** ECI-GEN

**OID:** 1.3.6.1.4.1.9679.1.6.0.1

**Severity:** Error

**Clear Trap:** [\*eciConnectionEstablished\*](#)

**Recovery Action:**

Check the RTR for further information and report this trap immediately to your data network operator.

### 3.161 eciConnectionsFailed

The External Condition Interface (ECI) connection to the RTR could not be established or was lost during operation. This trap most likely indicates a data network problem.

**Component:** FAF, PBC (R01.xx)

**Facility:** ECI

**MIB:** FAF, PBC (R01.xx)

**OID:** 1.3.6.1.4.1.9679.1.61.0.2 (FAF), 1.3.6.1.4.1.9679.1.81.0.2 (PBC)

**Severity:** Error

**Clear Trap:** *eciConnectionEstablished*

**Recovery Action:**

Check the RTR for further information and report this trap immediately to your data network operator.

### 3.162 eciDisconnect

The connection to the ECI server (RTR) has been dropped. This trap most likely indicates a data network problem.

**Component:** FAF, PBC (R01.xx), EC-ABM

**Facility:** ECI

**MIB:** FAF, PBC (R01.xx), ECI-GEN

**OID:** 1.3.6.1.4.1.9679.1.6.0.2 (ECI-GEN)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the RTR for further information and report this trap immediately to your data network operator.

### 3.163 eciLoginFailed

Logging on to the ECI server (RTR) has failed.

**Component:** FAF, PBC (R01.xx), EC-ABM

**Facility:** ECI

**MIB:** FAF, PBC (R01.xx), ECI-GEN

**OID:** 1.3.6.1.4.1.9679.1.61.0.3 (FAF), 1.3.6.1.4.1.9679.1.81.0.3 (PBC), 1.3.6.1.4.1.9679.1.6.0.4 (ECI-GEN)

**Severity:** Error

**Clear Trap:** [eciLoginSuccess](#)

**Recovery Action:**

1. Verify that the ECI user ID and password on the ECI server (RTR) match those configured on the EC application side.
2. If the problem persists, report this trap immediately to your system administrator.

### 3.164 eciLoginSuccess

Logging on to the ECI server (RTR) was successful. This trap clears the condition for eciLoginFailed.

**Component:** FAF, PBC (R01.xx), EC-ABM

**Facility:** ECI

**MIB:** FAF, PBC (R01.xx), ECI-GEN

**OID:** 1.3.6.1.4.1.9679.1.61.0.28 (FAF), 1.3.6.1.4.1.9679.1.81.0.28 (PBC), 1.3.6.1.4.1.9679.1.6.0.5 (ECI-GEN)

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.165 emailBufferUsageGrowing

If the e-mail buffer usage reaches the configured threshold (set with the `emgemailbufferthreshold` attribute), the EMG issues an `emailBufferUsageGrowing` trap. If `emgemailbufferthreshold` is set to 0, this trap is deactivated.

**Component:** EMG

**Facility:** General

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.7

**Severity:** Warning

**Clear Trap:** *emailBufferUsageShrinking*

**Recovery Action:**

Evaluate `emgemailbufferthreshold` value.

### 3.166 emailBufferUsageShrinking

An `emailBufferUsageShrinking` trap is issued when the e-mail buffer usage decreases to 10% below the value set with the `emgemailbufferthreshold` attribute (70 in case of the default `emgemailbufferthreshold` value of 80) or if it reaches 0. If `emgemailbufferthreshold` is set to 0, this trap is deactivated.

**Component:** EMG

**Facility:** General

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.8

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.167 emailCopyOrForwardProcessingError

An `emailCopyOrForwardProcessingError` trap is issued if the EMG encounters any parsing error or a SMTP error response while processing a message pertaining to the Copy to Email or Forward to Email operation. This trap includes the configured short number of the EMG application as a parameter.

Note that EMG does not issue this trap more than once within a 60-second time interval, in order to avoid potential trap flooding.

**Component:** EMG

**Facility:** General

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.9

**Severity:** Warning

**Clear Trap:** None



**Recovery Action:**

Check the length and format of the recently used Email address(es) and SMTP server related configuration.

### 3.168 externalConditionAvailableTrap

An external condition (application) has logged in and is available.

**Component:** RTR

**Facility:** ECI

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.31

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

Report this trap to your System Administrator.

### 3.169 externalConditionClientAvailableTrap

An external condition client has logged in and is available.

**Component:** RTR

**Facility:** ECI

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.41

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

Report this trap to your System Administrator.

### 3.170 externalConditionClientUnavailableTrap

An external condition client has (been) logged out and is no longer available.

This trap occurs when the number of connected session changes from a number that is greater than zero to zero.

**Component:** RTR

**Facility:** ECI

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.42

**Severity:** Warning

**Clear Trap:** *externalConditionClientAvailableTrap*

**Recovery Action:**

Report this trap to your System Administrator.

### 3.171 externalConditionUnavailableTrap

An external condition (application) has (been) logged out and is no longer available.

This trap occurs when the number of connected clients changes from a number that is greater than zero to zero.

**Component:** RTR

**Facility:** ECI

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.32

**Severity:** Warning

**Clear Trap:** *externalConditionAvailableTrap*

**Recovery Action:**

If the `externalConditionClient` identified in the trap is supposed to be connected to the RTR, validate the client's status and configuration.

### 3.172 fcdCreateFileError

An error occurred during the creation of a CDR file. Note that this trap applies to all CDR types. This typically occurs when the RTR process does not have the proper permissions to create files in the specified directory or when the partition on which the CDR files are written is full. Because this error prevents billing files from being written and as such causes revenue loss, this is a critical trap that needs immediate operator attention.

**Component:** RTR

**Facility:** Billing

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.13

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Report this trap immediately to your support representative.

### 3.173 fcdRWriteFileError

An error occurred during writing of an FCDR file. This typically occurs when the partition on which the CDR files are written is full or when the RTR process does not have the proper permissions to create files in the specified directory. Because this error prevents billing files from being written and as such causes revenue loss, this is a critical trap that needs immediate operator attention.

**Note:** This trap applies to all CDR types.

**Component:** RTR

**Facility:** Billing

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.14

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Report this trap immediately to your support representative.

### 3.174 floodingEndDetected

Flooding from a foreign network is over. This trap is raised when the traffic from a foreign network has normalised again. This trap corresponds to floodingStartDetected.

The following parameters are included:

- **fafFloodCountConfig**—The index of the filter condition
- **fafFloodCountIndex1**—Index of the count record, triggering this trap
- **fafFloodCountAddress**—Value of the filter variable triggering the trap
- **fafFloodCountFiltered**—Number of filtered messages
- **fafFloodCountTime**—Duration of the current traffic

**Component:** FAF

**Facility:** Flooding Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.8

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.175 floodingStartDetected

Flooding from a foreign network has been detected. This trap is raised when the traffic from a foreign network has increased significantly. Depending on the configuration, further messages from this origin may be blocked or delayed.

The following parameters are included:

- **fafFloodCountConfig**—The index of the filter condition
- **fafFloodCountIndex1**—Index of the count record, triggering this trap
- **fafFloodCountAddress**—Value of the filter variable triggering the trap
- **fafFloodCountFiltered**—Number of filtered messages
- **fafFloodCountTime**—Duration of the current traffic

**Component:** FAF

**Facility:** Flooding Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.7

**Severity:** Warning

**Clear Trap:** *floodingEndDetected*

**Recovery Action:**

Report this trap immediately to your system administrator.

### 3.176 ftaClientError

An unexpected error was occurred on remote server.

**Component:** FTA

**Facility:** File Transfer

**MIB:** FTA

**OID:** 1.3.6.1.4.1.96791.150.0.4

**Severity:** Warning

**Clear Trap:** Not applicable

**Recovery Action:**

Check the system logs of client on which the issue was occurred.

### 3.177 ftaConnectionFailed

A connection could not be setup to a remote server. This trap is applicable when the connection type is SSH.

**Component:** FTA

**Facility:** File Transfer

**MIB:** FTA

**OID:** 1.3.6.1.4.1.96791.150.0.6

**Severity:** Warning

**Clear Trap:** Not applicable

**Recovery Action:**

Check the connection with remote server. Reconfigure the connection if it is not working.

### 3.178 ftaConnectionSuccess

A connection was successfully setup to a remote server.

**Component:** FTA

**Facility:** File Transfer

**MIB:** FTA

**OID:** 1.3.6.1.4.1.96791.150.0.7

**Severity:** Informational

**Clear Trap:** Not applicable

**Recovery Action:**

Not applicable.

### 3.179 ftaRetriedTransferFailed

Trap was generated, when a file transfer repeatedly failed.

**Component:** FTA

**Facility:** File Transfer

**MIB:** FTA

**OID:** 1.3.6.1.4.1.96791.150.0.2

**Severity:** Warning

**Clear Trap:** [ftaTransferSuccess](#)

**Recovery Action:**

Check the system logs and file permissions.

### 3.180 ftaServerError

An unexpected error was occurred on local server.

**Component:** FTA

**Facility:** File Transfer

**MIB:** FTA

**OID:** 1.3.6.1.4.1.96791.150.0.5

**Severity:** Warning

**Clear Trap:** Not applicable

**Recovery Action:**

Check the system logs on which the issue was occurred.

### 3.181 ftaTransferFailed

Trap was generated, when a transfer of file got failed.

**Component:** FTA

**Facility:** File Transfer

**MIB:** FTA

**OID:** 1.3.6.1.4.1.96791.150.0.1

**Severity:** Warning

**Clear Trap:** [ftaTransferSuccess](#)

**Recovery Action:**

Check the system logs and file permissions.

### 3.182 ftaTransferSuccess

Trap was generated, when the file transfer was successful.

**Component:** FTA

**Facility:** File Transfer

**MIB:** FTA

**OID:** 1.3.6.1.4.1.96791.150.0.3

**Severity:** Informational

**Clear Trap:** Not applicable

**Recovery Action:**

Not applicable.

### 3.183 fwdInvalidAccessForDatabase

An attempt was made to do a file based operation when the application is configured to use a database.

**Component:** XS-FWD

**Facility:** Database

**MIB:** XS-FWD

**OID:** 1.3.6.1.4.1.9679.1.137.0.5

**Severity:** Warning

**Clear Trap:** Not applicable

**Recovery Action:**

Check database-related and file based configuration attributes.

### 3.184 fwMoFwdSmWithSpoofedOriginatorAddress

This trap is generated when receiving a MoForwardSm operation with an MSC (or SGSN) address at the SCCP layer that conflicting with the MSC (or SGSN) address as available on the HLR, or when receiving a MoForwardSm operation with an IMSI that conflicting with the IMSI as available on the HLR. The trap includes the:

- fwTrapOriginatorAddressInMoFwdSm object, which specifies the originator address as used in the MoForwardSm operation,
- fwTrapMscOrSgsnAddressInMoFwdSm object, which specifies the MSC (or SGSN) address at SCCP layer as used in the MoForwardSm operation,
- fwTrapMscOrSgsnAddressInSriSm object, which specifies the MSC (or SGSN) address as available on the HLR,
- fwTrapImsiInMoFwdSm object, which specifies the IMSI as used in the MoForwardSm operation, and
- fwTrapImsiInSriSm object, which specifies the IMSI as available on the HLR.

**Component:** RTR

**Facility:** PLMN (SMS Firewall)

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.25

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.185 fwMoFwdSmWithSpoofingExceedThresholdAlarmClearedTrap

The number of the inbound MO-Forward-SM spoofing attempts falls below the provisioned threshold (`firewallmofwdsmwithspoofingthreshold`) within the provisioned period (`firewallmofwdsmwithspoofingperiod`).

**Component:** RTR

**Facility:** SMS Firewall

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.28

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

Report this trap to your System Administrator.

### 3.186 fwMoFwdSmWithSpoofingExceedThresholdAlarmTrap

Number of inbound MO-Forward-SM operation received with spoofing exceeds the provisioned threshold (`firewallmofwdsmwithspoofingthreshold`) within the provisioned period (`firewallmofwdsmwithspoofingperiod`).

**Component:** RTR

**Facility:** SMS Firewall

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.26

**Severity:** Warning

**Clear Trap:** [\*fwMoFwdSmWithSpoofingExceedThresholdAlarmClearedTrap\*](#)



**Recovery Action:**

Report this trap to your System Administrator.

### 3.187 fwMtFwdSmWithConflictingSmScAddress

This trap is generated when receiving a MtForwardSm operation with an SMSC address at the MAP layer that conflicts with the SMSC address at the SCCP layer or when receiving a MtForwardSm operation sent in a segmented or extended dialogue with conflicting SCCP addresses amongst the various inbound TCAP messages of the dialogue. These addresses conflict if they are from different mobile networks.

Each of the addresses is associated with (i.e. in the range of) one of the defined mobile network entities. If both addresses cannot be associated with a mobile network, they are considered to be conflicting when they are from different countries (determined by the SMSC's E.164 country code).

The trap includes the fwTrapConflictingSccpSmScAddress object, which specifies the SMSC address at SCCP layer, and the fwTrapConflictingMapSmScAddress object, which specifies the SMSC address at MAP layer.

**Component:** RTR

**Facility:** PLMN (SMS Firewall)

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.22

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.188 fwMtFwdSmWithSpoofedMapSmScAddress

This trap is generated when receiving a MtForwardSm operation with an SMSC address at the MAP layer that conflicts with the SMSC address at the MAP layer used in the preceding SRI-SM operation. These addresses conflict if they are from different mobile networks.

Each of the addresses is associated with (i.e. in the range of) one of the defined mobile network entities. If both addresses cannot be associated with a mobile network, they are considered to be conflicting when they are from different countries (determined by the SMSC's E.164 country code).

The trap includes the fwTrapMapSmScAddressInSriSm object, which specifies the SMSC address at MAP layer used in the SRI-SM operation, and the fwTrapMapSmScAddressInMtFwdSm object, which specifies the SMSC address at MAP layer used in the MtForwardSm operation.

**Component:** RTR

**Facility:** PLMN (SMS Firewall)

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.24

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.189 fwMtFwdSmWithSpoofedSccpSmscAddress

This trap is generated when receiving a MtForwardSm operation with an SMSC address at the SCCP layer that conflicts with the SMSC address at the SCCP layer used in the preceding SRI-SM operation. These addresses conflict if they are from different mobile networks.

Each of the addresses is associated with (i.e. in the range of) one of the defined mobile network entities. If both addresses cannot be associated with a mobile network, they are considered to be conflicting when they are from different countries (determined by the SMSC's E.164 country code).

The trap includes the fwTrapSccpSmscAddressInSriSm object, which specifies the SMSC address at SCCP layer used in the SRI-SM operation, and the fwTrapSccpSmscAddressInMtFwdSm object, which specifies the SMSC address at SCCP layer used in the MtForwardSm operation.

**Component:** RTR

**Facility:** PLMN (SMS Firewall)

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.23

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.190 fwMtFwdSmWithSpoofingExceedThresholdAlarmClearedTrap

The number of the inbound MtForwardSm spoofing attempts falls below the provisioned threshold (firewallmtfwdsmwithspoofingthreshold) within the provisioned period (firewallmtfwdsmwithspoofingperiod).

**Component:** RTR

**Facility:** SMS Firewall

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.29

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

Report this trap to your System Administrator.

### 3.191 fwMtFwdSmWithSpoofingExceedThresholdAlarmTrap

Number of inbound MtForwardSm operation received with spoofing exceeds the provisioned threshold (`firewallmtfwdsmwithspoofingthreshold`) within the provisioned period (`firewallmtfwdsmwithspoofingperiod`).

**Component:** RTR

**Facility:** SMS Firewall

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.27

**Severity:** Warning

**Clear Trap:** [\*fwMtFwdSmWithSpoofingExceedThresholdAlarmClearedTrap\*](#)

**Recovery Action:**

Report this trap to your System Administrator.

### 3.192 fwMtFwdSmWithUnknownMapSmscAddress

Inbound MtForwardSm operation received with an SMSC address at MAP layer that could not be associated with any of the defined mobile network entities.

**Component:** RTR

**Facility:** SMS Firewall

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.21

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your System Administrator.

### 3.193 fwMtFwdSmWithUnknownSccpSmscAddress

This trap is generated when receiving a MtForwardSm operation with an SMSC address at the SCCP layer that could not be matched with any of the defined mobile networks. The trap includes the fwTrapUnknownSccpSmscAddress object, which specifies the SCCP address of the SMSC.

To limit the number of SNMP traps this trap can be suppressed by setting the firewallreportunknownsmscaddressnotificationstosyslog tpconfig attribute in the XML-based configuration file to "true". The message will then be written to syslog instead.

**Note:** Setting this attribute to "true" will suppress other traps as well.

**Component:** RTR

**Facility:** PLMN (SMS Firewall)

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.20

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your SMSC Operator.

### 3.194 fwSriSmWithConflictingSmscAddress

This trap is generated when receiving a SRI-SM operation with an SMSC address at the MAP layer that conflicts with the SMSC address at the SCCP layer. These addresses conflict if they are from different mobile networks.

Each of the addresses is associated with (i.e. in the range of) one of the defined mobile network entities. If both addresses cannot be associated with a mobile network, they are considered to be conflicting when they are from different countries (determined by the SMSC's E.164 country code). The trap includes the fwTrapConflictingSccpSmscAddress object, which specifies the SMSC address at SCCP layer, and the fwTrapConflictingMapSmscAddress object, which specifies the SMSC address at MAP layer.

**Component:** RTR

**Facility:** PLMN (SMS Firewall)

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.19

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your SMSC Operator.

### 3.195 fwSriSmWithUnknownMapSmscAddress

This trap is generated when receiving a SRI-SM operation with an SMSC address at MAP layer that could not be matched with any of the defined mobile networks. The trap includes the fwTrapUnknownMapSmscAddress object, which specifies the MAP address of the SMSC.

To limit the number of SNMP traps this trap can be suppressed by setting the firewallreportunknownsmscaddressnotificationstosyslog tpconfig attribute in the XML-based configuration file to "true". The message will then be written to syslog instead. Note that setting this attribute to "true" will suppress other traps as well.

**Component:** RTR

**Facility:** PLMN (SMS Firewall)

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.18

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Immediately report this trap to your SMSC Operator or SMSC support representative.

### 3.196 fwSriSmWithUnknownSccpSmscAddress

This trap is generated when receiving a SRI-SM operation with an SMSC address at the SCCP layer that could not be matched with any of the defined mobile networks. The trap includes the fwTrapUnknownSccpSmscAddress object, which specifies the SCCP address of the SMSC.

To limit the number of SNMP traps this trap can be suppressed by setting the firewallreportunknownsmscaddressnotificationstosyslog tpconfig attribute in the XML-based configuration file to "true". The message will then be written to syslog instead. Note that setting this attribute to "true" will suppress other traps as well.

**Component:** RTR

**Facility:** PLMN (SMS Firewall)

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.17

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Immediately report this trap to your SMSC Operator or SMSC support representative.

### 3.197 hssAvailable

This trap is raised when at least one HSS network element is available.

**Component:** IIW

**Facility:** Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.6

**Severity:** Informational

**Clear Trap:** hssUnavailable

**Recovery Action:**

None.

### 3.198 hssUnavailable

This trap is raised when no HSS network element is available. HSS queries are not possible.

**Component:** IIW

**Facility:** Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.7

**Severity:** Major

**Clear Trap:** hssAvailable

**Recovery Action:**

Report this trap immediately to your SMS network operator or SMS network support representative.

### 3.199 hubAvailable

At least one HUB session is available, the process is able to receive send submit requests.

**Component:** SPF

**Facility:** General

**MIB:** EIA-SMS

**OID:** 1.3.6.1.4.1.9679.1.144.0.1

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.200 hubSessionUsageGrowing

The total number of used application sessions is growing and just crossed a threshold.

**Component:** HUB

**Facility:** General

**MIB:** HUB

**OID:** 1.3.6.1.4.1.9679.1.41.0.3

**Severity:** Informational

**Clear Trap:** [hubSessionUsageShrinking](#)

**Recovery Action:**

None.

### 3.201 hubSessionUsageShrinking

The total number of used application sessions is shrinking and just crossed a threshold.

**Component:** HUB

**Facility:** General

**MIB:** HUB

**OID:** 1.3.6.1.4.1.9679.1.41.0.4

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.202 hubUnavailable

No HUB session is available; the system will stop submitting pending messages and processing new requests.

**Component:** SPF

**Facility:** General

**MIB:** EIA-SMS

**OID:** 1.3.6.1.4.1.9679.1.144.0.2

**Severity:** Error

**Clear Trap:** *hubAvailable*

**Recovery Action:**

Check termination point-related configuration attributes and HUB connectivity.

### 3.203 *icacheAvailabilityRestoredTrap*

This trap is generated when the availability of the Intermediate Cache (Icache) is restored after a period of unavailability. This trap clears the *icacheUnavailableTrap* trap.

**Component:** AMS

**Facility:** Icache

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.34

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.204 *icacheUnavailableTrap*

This trap is generated when the Intermediate Cache (Icache) becomes unavailable.

**Component:** AMS

**Facility:** Icache

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.33

**Severity:** Error

**Clear Trap:** *icacheAvailabilityRestoredTrap*

**Recovery Action:**

1. Verify that the AMS is available.
2. Verify that connectivity to the AMS is available.
3. Report this trap to your system administrator.



### 3.205 imsAvailable

This trap is raised when the IMS network is available. Message transport is possible.

**Component:** IIW

**Facility:** Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.4

**Severity:** Informational

**Clear Trap:** imsUnavailable

**Recovery Action:**

None.

### 3.206 imsAvailableTrap

This trap is raised when at least one IIW is available so IMS connectivity is up.

**Component:** RTR

**Facility:** Network

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.49

**Severity:** Informational

**Clear Trap:** imsUnavailableTrap

**Recovery Action:**

None.

### 3.207 imsUnavailable

This trap is raised when the IMS network is unavailable. Message transport is not possible.

**Component:** IIW

**Facility:** Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.5

**Severity:** Major

**Clear Trap:** imsAvailable

**Recovery Action:**

Report this trap immediately to your SMS network operator or SMS network support representative.

### 3.208 imsUnavailableTrap

This trap is raised when no IIW is available, so IMS connectivity is down.

**Component:** RTR

**Facility:** Network

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.50

**Severity:** Major

**Clear Trap:** imsAvailableTrap

**Recovery Action:**

Report this trap immediately to your SMS network operator or SMS network support representative.

### 3.209 interceptCreateFileError

An error occurred during the creation of an intercept file. This typically occurs when the RTR process does not have the proper permissions to create files in the specified intercept file location directory or when the partition on which the CDR files are written is full. Because this error prevents intercept files from being written and as such causes loss in intercept information, this is a critical trap that needs immediate operator attention.

**Component:** RTR

**Facility:** Intercept file generation

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.102

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Report this trap immediately to your support representative.

### 3.210 interceptWriteFileError

An error occurred during writing of an intercept file. This typically occurs when the partition on which the intercept files are written is full or file descriptor pointing to intercept file does not have proper write permissions. Because this error prevents intercept files from being written and as such causes loss in intercept information, this is a critical trap that needs immediate operator attention.

**Component:** RTR

**Facility:** Intercept file generation

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.103

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Report this trap immediately to your support representative.

### 3.211 intHubAvailable

This trap is generated when at least one HUB/EP session is available and the process is able to receive send submit requests.

**Component:** XS-INT

**Facility:** General

**MIB:** XS-INT

**OID:** 1.3.6.1.4.1.9679.1.151.0.2

**Severity:** Informational

**Clear Trap:** This is a clear trap

**Recovery Action:**

None.

### 3.212 intHubUnavailable

This trap is generated when no HUB/EP session is available. The system will stop submitting the pending messages. It will also stop processing new requests.

**Component:** XS-INT

**Facility:** General

**MIB:** XS-INT

**OID:** 1.3.6.1.4.1.9679.1.151.0.1

**Severity:** Error

**Clear Trap:** [intHubAvailable](#)

**Recovery Action:**

Check end point-related configuration attributes and HUB connectivity.

### 3.213 intLcsFileCreateFailed

This trap is generated when the LooselyCoupledStorage engine could not create a new data file. This means the intercept functionality will continue as **storageType** 'nopermanent' until resolved. Please investigate additional information found in the message logs and resolve the issue. Creation will be tried periodically

**Component:** XS-INT

**Facility:** General

**MIB:** XS-INT

**OID:** 1.3.6.1.4.1.9679.1.151.0.3

**Severity:** Error

**Clear Trap:** [intLcsFileCreateSuccess](#)

**Recovery Action:**

Check the common or the host-specific configuration file. Check the messages log for additional information to resolve the issue.

### 3.214 intLcsFileCreateSuccess

The LooselyCoupledStorage engine will generate this trap after the first successful file is created. This could be after a normal start-up or after an [intLcsFileCreateFailed](#) trap.

**Component:** XS-INT

**Facility:** General

**MIB:** XS-INT

**OID:** 1.3.6.1.4.1.9679.1.151.0.4

**Severity:** Informational

**Clear Trap:** This is a clear trap

**Recovery Action:**

None.

### 3.215 inSystemUnreachable

This trap is generated when the IN system unreachable state changed. The trap is send when the IN system becomes unreachable or reachable again.

**Component:** PBC (R01.xx)

**Facility:** PBC (R01.xx)

**MIB:** PBC (R01.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.6

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Report this trap immediately to your Transmission Network Operator.

### 3.216 lgrFileRepoExceeded

This trap is generated when the File Repository size is exceeded.

**Component:** LGR

**Facility:** LGR

**MIB:** LGR

**OID:** 1.3.6.1.4.1.9679.1.161.0.1

**Severity:** Error

**Clear Trap:** *lgrFileRepoFunctional*

**Recovery Action:**

1. Check the disk space available on the disk that LGR is installed and cleanup the disk if applicable.
2. If more space is needed for LGR, change the file repository size setting from LGR GUI to make LGR use more disk space.

### 3.217 lgrFileRepoFunctional

This trap is generated when the File Repository is functional after a failure.

**Component:** LGR

**Facility:** LGR

**MIB:** LGR

**OID:** 1.3.6.1.4.1.9679.1.161.0.2

**Severity:** Informational

**Clear Trap:** Not Applicable

**Recovery Action:** None

### 3.218 lgrReportTaskFailed

Runtime exception occurred when executing a Report Task.

**Component:** LGR

**Facility:** LGR

**MIB:** LGR

**OID:** 1.3.6.1.4.1.9679.1.161.0.3

**Severity:** Warning

**Clear Trap:** *lgrReportTaskSuccess*

**Recovery Action:**

Check if report task execution is successful on retry. If same error occurs on retry then contact your support representative.

### 3.219 lgrReportTaskSuccess

Report Task successfully ran after a failed execution.

**Component:** LGR

**Facility:** LGR

**MIB:** LGR

**OID:** 1.3.6.1.4.1.9679.1.161.0.4

**Severity:** Informational

**Clear Trap:** Not Applicable

**Recovery Action:** None

### 3.220 lgrSendEmailFailed

Runtime exception occurred when an error occurred while trying to send the Report Task result to a mail recipient.

**Component:** LGR

**Facility:** LGR

**MIB:** LGR

**OID:** 1.3.6.1.4.1.9679.1.161.0.5

**Severity:** Warning

**Clear Trap:** *lgrEmailSent*

**Recovery Action:**

Check the validity of the SMTP server settings using the LGR Global Settings GUI module.

### 3.221 lgrEmailSent

Successfully sent an email that could not be sent before.

**Component:** LGR

**Facility:** LGR

**MIB:** LGR

**OID:** 1.3.6.1.4.1.9679.1.161.0.6

**Severity:** Informational

**Clear Trap:** Not Applicable

**Recovery Action:** None

### 3.222 lgrRuntimeError

This trap is generated when an unexpected runtime exception occurred.

**Component:** LGR

**Facility:** LGR

**MIB:** LGR

**OID:** 1.3.6.1.4.1.9679.1.161.0.7

**Severity:** Error

**Clear Trap:** Not Applicable

**Recovery Action:**

Contact the customer support representative.

### 3.223 licenseExpired

The validity period of the license has expired.

**Component:** All

**Facility:** License

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.7

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Contact your support representative to obtain a license renewal.

### 3.224 licenseWillExpire

The license will expire within the given number of hours.

**Component:** All

**Facility:** PLMN (Configuration)

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.8

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Contact your support representative to obtain a license renewal.

### 3.225 licGracePeriodActive

The license grace period is active because a serial number has changed (e.g. the SS7 card may have been swapped). You need to request a new license before the end of this period, otherwise the device will stop working. See the `licGracePeriodTimer` to find out how much time is left in the grace period. Request a new license with the new serial numbers. This trap will be repeated every hour until the grace period has ended (either when a new license has been installed or because the end of the period has been reached).

**Component:** All

**Facility:** License



**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.17

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Need to request a new license before the end of this period.

### 3.226 licGracePeriodPassed

The grace period has passed. The device will stop working. A new license needs to be installed before the device can be started again.

**Component:** All

**Facility:** License

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.18

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Contact your support representative to obtain a license upgrade.

### 3.227 licGracePeriodRevoked

A new license compatible with the new serial number(s) has been installed. The grace period has ended and the device will continue to work without interruption.

**Component:** All

**Facility:** License

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.19

**Severity:** Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.228 licGracePeriodStarted

Some of the hardware serial numbers have changed (e.g. the SS7 card may have been swapped). The license grace period has now started. During this period you have time to request a new license with the new hardware serial numbers.

The previous license will be active for 14 days. After this period the device will cease to work. While the grace period is in effect you will receive a licGracePeriodActive trap every hour.

**Component:** All

**Facility:** License

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.16

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Need to request a new license before the end of this period.

### 3.229 linkAdjacentPcMismatch

This trap can occur when the SS7 interface is not correctly configured and the information that is sent in the Link Test messages does not correspond with the configuration. Reconfiguring the Router can solve this error.

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.8

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

If this occurs unplanned, report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkAdjacentPcMismatch" />` is the correct definition.

### 3.230 linkCodeMismatch

This trap can occur when the SS7 interface is not correctly configured and the information that is sent in the Link Test messages is not corresponding with the configuration. Reconfiguring the Router can solve this error.

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.6

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check PC collision in RTR and STP/MSC. If this occurs unplanned, report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkCodeMismatch" />` is the correct definition.

### 3.231 linkNetworkIndicatorMismatch

This trap can occur when the SS7 interface is not correctly configured and the information that is sent in the Link Test messages is not corresponding with the configuration. Reconfiguring the Router can solve this error.

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.9

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

If this occurs unplanned, report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkNetworkIndicatorMismatch" />` is the correct definition.

### 3.232 linkOperationalStateChanged

A link of a linkset has changed State. The Link becomes available / unavailable and traffic may be re-routed.

Possible operational states:

- adminDisabled
- outOfService
- aligning
- proving
- aligned
- inService
- remoteProcessorOutage
- congested
- throughputExceeded
- available

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.2

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [linkOperationalStateChanged](#)

**Recovery Action:**

If this occurs unplanned, report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkOperationalStateChanged" />` is the correct definition.

### 3.233 linkRxUtilisationGrowing

This trap alerts the operator to the fact that link utilisation is growing. Five thresholds can be configured (with the `tpconfig` attributes `linkutilisationthreshold1` to `linkutilisationthreshold5`). Every time link utilisation crosses one of these threshold, this trap is generated. The severity of this trap depends on the threshold crossed, but generally the link utilisation should not grow above 40% for longer periods of time.

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.10

**Severity:** Warning

**Clear Trap:** [linkRxUtilisationShrinking](#)

**Recovery Action:**

Report this trap to your Transmission Network Planner.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkRxUtilisationGrowing" />` is the correct definition.

### 3.234 linkRxUtilisationShrinking

This trap alerts the operator to the fact that that the “Link Rx Utilisation Growing” trap has been cleared.

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.11

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkRxUtilisationShrinking" />` is the correct definition.

### 3.235 linkSetOperationalStateChanged

If all the links in a linkset have changed state, the Linkset becomes available / unavailable. Traffic will be re-routed. The linkset can have the following operational states:

- adminDisabled
- unavailable
- available

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.3

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *linkSetOperationalStateChanged*

**Recovery Action:**

Report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkSetOperationalStateChanged" />` is the correct definition.

### 3.236 linkTextPassPcMismatch

This trap can occur when the SS7 interface is not correctly configured and the information that is sent in the Link Test messages is not corresponding with the configuration. Reconfiguring the Router can solve this error.

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.7

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

If this occurs unplanned, report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkTextPassPcMismatch" />` is the correct definition.

### 3.237 linkTxUtilisationGrowing

This trap alerts the operator to the fact that link utilisation is growing. Five thresholds can be configured (with the `tpconfig` attributes `linkutilisationthreshold1` to `linkutilisationthreshold5`). Every time link utilisation crosses one of these threshold, this trap is generated. The severity of this trap depends on the threshold crossed, but generally the link utilisation should not grow above 40% for longer periods of time.

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.12

**Severity:** Warning

**Clear Trap:** [linkTxUtilisationShrinking](#)

**Recovery Action:**

Report this trap to your Transmission Network Planner.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkTxUtilisationGrowing" />` is the correct definition.

### 3.238 linkTxUtilisationShrinking

This trap alerts the operator to the fact that that the “Link Tx Utilisation Growing” trap has been cleared.

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.13

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="linkTxUtilisationShrinking" />` is the correct definition.

### 3.239 loaderFailed

The DB Loader component encountered a fatal error condition.

**Component:** LGP

**Facility:** Log Processor

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.2

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.240 m3uaAsInstanceOperationalStateChanged

Operational state of a M3UA AS instance has changed.

Possible operational states:

- adminDisabled
- blocked
- activating
- active

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.15

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [\*m3uaAsInstanceOperationalStateChanged\*](#)

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.241 m3uaAsOperationalStateChanged

Operational state of a M3UA AS has changed.

Possible operational states:

- adminDisabled
- blocked
- activating
- active

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.14



**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *m3uaAsOperationalStateChanged*

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.242 m3uaAspOperationalStateChanged

Operational state of an M3UA ASP has changed.

The SGP can have the following operational states:

- adminDisabled
- blocked
- down
- up
- congested

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.11

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *m3uaAspOperationalStateChanged*

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.243 m3uaAspRemoteAddressOperationalStateChanged

Operational state of a remote address of a M3UA ASP has changed.

Possible operational states:

- adminDisabled
- blocked
- notRegistered
- actingAsPrimary
- actingAsSecondary

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.13

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [\*m3uaAspRemoteAddressOperationalStateChanged\*](#)

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.244 m3uaAspSctpOperationalStateChanged

Operational state of the SCTP association of a M3UA ASP has changed.

Possible operational states:

- adminDisabled
- closed
- cookieWait
- cookieEchoed
- established
- shutdownPending
- shutdownSent
- shutdownReceived
- shutdownAckSent
- expectingConnectFromPeer

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.12

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [\*m3uaAspSctpOperationalStateChanged\*](#)

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.245 m3uaSgpActualSpcOperationalStateChanged

Operational state of a M3UA SGP for the actual SPC of the RTR has changed. The SPC can have the following operational states:

- inactive
- activating
- active

- deactivating

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.4

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *m3uaSgpActualSpcOperationalStateChanged*

**Recovery Action:**

Check network status.

### 3.246 m3uaSgpOperationalStateChanged

Operational state of a M3UA SGP changed. The SGP can have the following operation states:

- adminDisabled
- blocked
- down
- up
- congested

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.1

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *m3uaSgpOperationalStateChanged*

**Recovery Action:**

Check network status.

### 3.247 m3uaSgpRemoteAddressOperationalStateChanged

Operational state of a remote address of a M3UA SGP has changed. A remote address of an SGP can have the following operational states:

- adminDisabled
- blocked
- notRegistered
- actingAsPrimary

- actingAsSecondary

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.3

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *m3uaSgpRemoteAddressOperationalStateChanged*

**Recovery Action:**

Check network status.

### 3.248 m3uaSgpSctpOperationalStateChanged

Operational state of the SCTP association of a M3UA SGP has changed.

The SCTP association can have the following operation states:

- adminDisabled
- closed
- cookieWait
- cookieEchoed
- established
- shutdownPending
- shutdownSent
- shutdownReceived
- shutdownAckSent
- expectingConnectFromPeer

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.2

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *m3uaSgpSctpOperationalStateChanged*

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.249 m3uaSgpVirtualSpcOperationalStateChanged

Operational state of a M3UA SGP for the virtual SPC of the RTR has changed. The SPC can have the following operational states:

- inactive
- activating
- active
- deactivating

**Component:** RTR

**Facility:** M3UA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.19.0.5

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *m3uaSgpVirtualSpcOperationalStateChanged*

**Recovery Action:**

Check network status.

### 3.250 masterDatabaseUnavailable

AMS is not able to open the Master database and will stop. During live operation, this trap indicates a serious failure of the hard disks containing the Master database. During installation, this trap may indicate a configuration error where the `amsdbdatabasedirectorymaster` parameter does not point to the correct location where the Master database resides.

Deleting the AMS Master database while the AMS is running will not trigger this trap because the UNIX file system will not remove the file space/inode as long as the file is in use.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.4

**Severity:** Critical

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Immediately contact your support representative in case of a hardware failure.

### 3.251 masterError

The poll master module encountered a non-fatal error condition (for example, the connection to one of the Router nodes failed).

**Component:** LGP

**Facility:** File Transfer

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.5

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.252 masterFailed

The poll master module encountered a fatal error condition.

**Component:** LGP

**Facility:** Log Processor

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.4

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.253 memoryExhausted

There is not enough memory for the Router to handle all requests. This will cause the Router to be restarted. Because this trap will cause the Router to be reset, its occurrence should be reported immediately. Refer to the Router Operator Manual for the recommended and minimum system specs.

**Component:** All

**Facility:** General System

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.1

**Severity:** Critical

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Report this trap immediately to your support representative.

### 3.254 messageStoreUsageGrowing

The number of stored messages in the AMS is growing and just crossed a threshold.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.7

**Severity:** Informational

**Clear Trap:** [messageStoreUsageShrinking](#)

**Recovery Action:**

None.

### 3.255 messageStoreUsageShrinking

The number of stored messages in the AMS is shrinking and just crossed a threshold.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.6

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.256 moDataFileEmpty

The specified data file is empty.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.4

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Enter text that should be inserted in the file. Refer to the XS-CPY Operator Manual for details on formatting.

### 3.257 moDataFileIncorrectlyFormatted

The specified data file contains addresses that are not properly formed.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.2

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check that all lines in the file comply with the restrictions detailed in the XS-CPY Operator Manual.

### 3.258 moDataFileTooBig

The specified data file contains more than 1,000,000 entries.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.3

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Decrease the number of entries.



### 3.259 moDataFileUnavailable

The specified data file cannot be read.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.1

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the host-specific configuration file. Check if the file it points to actually exists.

### 3.260 moRtgRuleSmscOperationalStateChanged

An SMSC associated with a particular MO Routing Rule has become unavailable. Because the Router will no longer be able to use the SMSC to store forwarded messages, this situation needs to be rectified as soon as possible. Monitoring happens on the MAP level, meaning that the SMSC may still be up on the SS7 link level but has problems processing the MAP messages.

The moRtgRuleSMSC can have the following operational states:

- adminDisabled
- throughputExceeded
- available

**Component:** RTR

**Facility:** PLMN

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.12

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *moRtgRuleSmscOperationalStateChanged*

**Recovery Action:**

Immediately report this trap to your SMSC Operator or SMSC support representative.

### 3.261 mtDataFileEmpty

The specified data file is empty.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.14

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Enter text that should be inserted in the file. Refer to the XS-CPY Operator Manual for details on formatting.

### 3.262 mtDataFileIncorrectlyFormatted

The specified data file contains addresses that are not properly formed.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.12

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check that all lines in the file comply with the restrictions detailed in the XS-CPY Operator Manual.

### 3.263 mtDataFileTooBig

The specified data file contains more than 1,000,000 entries.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.13

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Decrease the number of entries.

### 3.264 mtDataFileUnavailable

The specified data file cannot be read.

**Component:** XS-CPY

**Facility:** XS-CPY

**MIB:** XS-CPY

**OID:** 1.3.6.1.4.1.9679.1.136.0.11

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the host-specific configuration file. Check if the file it points to actually exists.

### 3.265 networkDiscoveryNodeAdded

A node has been added to the network.

**Component:** RTR, HUB, AMS, LGP, BAT

**Facility:** General

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.9

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.266 networkDiscoveryNodeLeft

A node has left the network.

**Component:** RTR, HUB, AMS, LGP, BAT

**Facility:** General

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.10

**Severity:** Warning

**Clear Trap:** *networkDiscoveryNodeAdded*

**Recovery Action:**

If this trap occurs unexpectedly, report it to your system administrator.

### 3.267 noGsm7UrlConfigured

No URL has been configured for HTTP requests triggered by GSM 7-bit encoded messages.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.2

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the host-specific configuration file.

### 3.268 noHealthCheckResponse

The trap is raised when a health check request failed due to timeout or failed response.

**Component:** IIW

**Facility:** Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.8

**Severity:** Warning

**Clear Trap:** None

**Recovery Action:**

Report this trap immediately to your SMS network operator or SMS network support representative and check the connectivity towards the peer entity RCS server.

### 3.269 noTerminationPointAvailable

No termination point is available for the application to connect to and therefore no connections to SMSC/HUB could be made.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.16

**Severity:** Warning

**Clear Trap:** *terminationPointAvailable*

**Recovery Action:**

Check configuration and network connectivity with SMSC/HUB and/or contact your network operator.

### 3.270 noUcs2UrlConfigured

No URL has been configured for HTTP requests triggered by UCS-2 encoded messages.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.1

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the host-specific configuration file.

### 3.271 outsideListenerOperationalStateChanged

The operational state of an outside listener has changed.

Possible operational states:

- adminDisabled
- unreachable
- throughputExceeded
- available
- testing
- destroyed

**Component:** HUB

**Facility:** General

**MIB:** HUB

**OID:** 1.3.6.1.4.1.9679.1.41.0.5

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *outsideListenerOperationalStateChanged*

**Recovery Action:**

If this trap occurs unexpectedly, report it to your system administrator.

### 3.272 pbcDbServerConnectionLost

This trap is generated when the connection to the database has been lost.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.21

**Severity:** Critical

**Clear Trap:** Not applicable

**Recovery Action:**

Report this trap immediately to your data network operator.

### 3.273 pbcDbServerLatencyThresholdPassed

A database server latency threshold has been passed (up or down).

Refer to the PBC (R02.00) Operator Manual for specific statistics on database server latency.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.22

**Severity:** Warning/Informational

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap immediately to your Data Network Operator.

### 3.274 pbcDiamTransportIConnectionLost

A Diameter transport Initiated connection has been lost.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.31

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Report this trap to your Data Network Operator.

### 3.275 pbcDiamTransportRConnectionLost

A Diameter transport Received connection has been lost.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.32

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Report this trap to your Data Network Operator.

### 3.276 pbcEciConnectionFailed

This trap is generated when the External Condition Interface connection to the Router could not be established or was lost during operation. This probably indicates a data network problem.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.1

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check that the ECI server is listening and accepting connections on the configured IP address and port.

### 3.277 pbcEciDisconnect

The ECI server has disconnected. This may or may not have happened intentionally.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.4

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your Data Network Operator.

### 3.278 pbcEciLoginFailed

This trap is generated when the External Condition Interface login to the Router was refused by the Router.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.2

**Severity:** Error

**Clear Trap:** [pbcEciLoginSuccess](#)

**Recovery Action:**

Check that the ECI server accepts a client login with the configured user identity and password.

### 3.279 pbcEciLoginSuccess

Logging on to the ECI server was successful.



**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.3

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.280 pbcScfResponding

An SCF address has become responsive.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.11

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.281 pbcScfUnreachable

An SCF address has become unreachable.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.12

**Severity:** Error

**Clear Trap:** [pbcScfResponding](#)

**Recovery Action:**

Report this trap to your Data Network Operator.

### 3.282 pbcSmppPlusGroupAvailabilityChanged

The availability of a group changes when the assigned sessions counter is going from 0 to 1 or from 1 to 0.

Parameters:

- `pbcSmppPlusGroupName`: the name of the group for which this trap is generated.
- `pbcSmppPlusGroupCntCurrentSessionsLoggedIn`: number of currently logged in sessions.

**Component:** PBC (R02.xx)

**Facility:** PBC (R02.xx)

**MIB:** PBC (R02.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.41

**Severity:** Warning/Informational

**Clear Trap:** *pbcSmppPlusGroupAvailabilityChanged* (availability = 1)

**Recovery Action:**

Report this trap to your Data Network Operator.

### 3.283 pbcTrxDBTransactionLost

An attempt to retrieve a transaction from the Transaction DB has failed. See the system log for more details.

**Component:** PBC (R01.xx)

**Facility:** PBC (R01.xx)

**MIB:** PBC (R01.xx)

**OID:** 1.3.6.1.4.1.9679.1.81.0.31

**Severity:** Critical

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Refer to the system log for more details.

### 3.284 queryFailed

The database query module encountered a fatal error condition.

**Component:** LGP

**Facility:** Log Processor

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.8

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.285 queueSizeGrowing

The number of stored messages in a queue is growing and just hit a threshold.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.9

**Severity:** Informational

**Clear Trap:** [queueSizeShrinking](#)

**Recovery Action:**

None.

### 3.286 queueSizeShrinking

The number of stored messages in a queue is shrinking and just crossed a threshold.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.8

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.287 queuesLowLoad

The load time (estimated by dividing the size of the files on disk waiting to be loaded by the average loading speed in bytes per second for the last five minutes) is greater than the maximum configured acceptable load delay.

**Component:** LGP

**Facility:** Log Processor

**MIB:** LGP

**OID:** 1.3.6.1.4.1.9679.1.91.0.3

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

None.

### 3.288 quorumAvailable

The BAT system is available to process batch jobs.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.3

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.289 quorumUnavailable

Number of available BAT servers are less than minimum BAT count required for BAT system to process jobs.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.4

**Severity:** Error

**Clear Trap:** *quorumAvailable*

**Recovery Action:**

1. Make as many BAT servers available as per configured value of batPropMinBatCount, or adjust the value of batPropMinBatCount to match the number of available BAT servers.
2. In case this does not clear the trap, contact NewNet customer support.

### 3.290 recipientListNotAccessible

The BAT is not able to access Recipient list required for execution of a batch job.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.17

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

1. Check if SSH keys are exchanged between MGR and BAT server.
2. If SSH keys are exchanged and problem persists, contact NewNet customer support.

### 3.291 replicaDatabaseUnavailable

AMS is not able to open the Replica database and will stop. During live operation, this trap indicates to a serious failure of the hard disks containing the Replica database. During installation, this trap may indicate a configuration error where the amsdbdatabasedirectoryreplica parameter does not point to the correct location where the Replica database resides.

Deleting the AMS Replica database while the AMS is running will not trigger this trap because the UNIX file system will not remove the file space/inode as long as the file is in use.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.5

**Severity:** Critical

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Immediately contact your support representative in case of a hardware failure.

### 3.292 routeHeaderFromTemplateTruncated

While creating the route header for a RP-ACK/RP-Error/SIPT message, if the route header length becomes longer than 512 bytes, then the IIW will truncate the route header to 512 bytes.

**Component:** IIW

**Facility:** IMS Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.21

**Severity:** Warning

**Clear Trap:** None

**Recovery Action:**

Check the configured template for `iiwPropRouteHeaderTemplateForRpAckErr` and `iiwPropRouteHeaderTemplateForSipt` and also check for the route header of incoming RP-DATA and SCSCFname value of the HSS query result.

### 3.293 routeOperationalStateChanged

Due to link failures a route can change and messages will be sent through another route. Note: Depending on the amount of rerouted traffic this can result in network congestion errors.

Possible states:

- adminDisabled
- unavailable
- collecting
- prohibited
- restricted
- congested
- throughputExceeded
- available

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.5

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [routeOperationalStateChanged](#)

**Recovery Action:**

Report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="routeOperationalStateChanged" />` is the correct definition.

### 3.294 rtrAvailable

At least one SS7 gateway is available for delivery attempts. The system will start delivering mobile-terminated (MT) traffic.

**Component:** HUB, AMS, IIW

**Facility:** Network

**MIB:** HUB, AMS, IIW

**OID:** 1.3.6.1.4.1.9679.1.41.0.1 (HUB), 1.3.6.1.4.1.9679.1.71.0.1 (AMS), 1.3.6.1.4.1.9679.1.111.0.1 (IIW)

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.295 rtrUnAvailable

The device is not able to locate an SMS Router and will stop delivering. During live operation, this trap indicates a serious network connectivity failure between the device and Router or a failure of the NewNet Mobile Messaging system.

**Component:** HUB, AMS

**Facility:** Network

**MIB:** HUB, AMS

**OID:** 1.3.6.1.4.1.9679.1.41.0.2 (HUB), 1.3.6.1.4.1.9679.1.71.0.2 (AMS)

**Severity:** Critical

**Clear Trap:** [rtrAvailable](#)

**Recovery Action:**

Report this trap immediately to your SMS network operator or SMS network support representative.

### 3.296 rtrUnavailable (IIW)

The device is not able to locate an SMS Router and will stop delivering. During live operation, this trap indicates a serious network connectivity failure between the device and Router or a failure of the NewNet Mobile Messaging system.

**Component:** IIW

**Facility:** Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.2

**Severity:** Critical

**Clear Trap:** *rtrAvailable*

**Recovery Action:**

Report this trap immediately to your SMS network operator or SMS network support representative.

### 3.297 sccpLoadShareSetAccessible

This trap is issued whenever at least one member of a previously inaccessible load share set becomes accessible again. This trap may also be issued at system startup, i.e. when the load share set becomes operational for the first time, provided at least one member is already accessible.

The trap includes the name of the load share set as the parameter.

**Component:** RTR/MAP-Screener

**Facility:** SSCP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.12.0.5

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

- None

### 3.298 sccpLoadShareSetInaccessible

This trap is issued whenever the last accessible member in a load share set becomes inaccessible, i.e. the remaining members are either already inaccessible or in the 'inactive' state.

The trap includes the name of the load share set as the parameter.



**Component:** RTR/MAP-Screener

**Facility:** SSCP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.12.0.4

**Severity:** Error

**Clear Trap:** [sccpLoadShareSetAccessible](#)

**Recovery Action:**

In case one or more members are in the 'inactive' state, consider activating them. Also refer to the Recovery Action mentioned for the [sccpLoadShareSetMemberInaccessible](#) trap.

### 3.299 sccpLoadShareSetMemberAccessible

This trap is issued whenever an active load share set member that was previously inaccessible becomes accessible again. This trap may also be issued at system startup, i.e. when the member becomes operational for the first time, provided the MTP destination configured for the member is already accessible.

The trap includes the names of the following parameters:

- Load share set to which the member belongs
- MTP destination configured for the member

**Component:** RTR/MAP-Screener

**Facility:** SSCP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.12.0.3

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

- None

### 3.300 sccpLoadShareSetMemberInaccessible

This trap is issued whenever an active load share set member becomes inaccessible.

The trap includes the names of the following parameters:

- Load share set to which the member belongs
- MTP destination configured for the member

**Component:** RTR/MAP-Screener

**Facility:** SCCP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.12.0.2

**Severity:** Warning

**Clear Trap:** [sccpLoadShareSetMemberAccessible](#)

**Recovery Action:**

None, or Check whether the SS7/SIGTRAN links or routes associated with the MTP destination corresponding to the member are successfully connected.

### 3.301 schedulingIncomplete

The delivery scheduler was not able to serve all pending queues for at least the number of seconds configured in `amsPropSchedulerIncompleteThreshold`.

Usually it means that the system is too busy.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.3

**Severity:** Warning

**Clear Trap:** [schedulingIncompleteCleared](#)

**Recovery Action:**

None.

### 3.302 schedulingIncompleteCleared

The delivery scheduler is able to serve all pending queues for at least the number of seconds configured in `amsPropSchedulerIncompleteThreshold`.

Clears the `schedulingIncomplete` trap.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.10

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.303 scNodeOperationalStateChanged

Operational state of a ScNode has changed.

Possible operational states:

- adminDisabled
- unreachable
- throughputExceeded
- available
- testing
- destroyed

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.32

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *scNodeOperationalStateChanged*

**Recovery Action:**

None.

### 3.304 scNodeSessionStarted

HUB established a new session with ScNode.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.23

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.305 scNodeSessionStopped

A session between HUB and ScNode has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.24

**Severity:** Informational

**Clear Trap:** *scNodeSessionStarted*

**Recovery Action:**

None.

### 3.306 scTerminationPointOperationalStateChanged

Operational state of a ScTerminationPoint has changed.

Possible operational states:

- adminDisabled
- unreachable
- throughputExceeded
- available
- testing
- destroyed

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.31

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *scTerminationPointOperationalStateChanged*

**Recovery Action:**

None.

### 3.307 `scTerminationPointSessionStarted`

HUB established a new session with `ScTerminationPoint`.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.21

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.308 `scTerminationPointSessionStopped`

A session between HUB and `ScTerminationPoint` has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.22

**Severity:** Informational

**Clear Trap:** [\*scTerminationPointSessionStarted\*](#)

**Recovery Action:**

None.

### 3.309 `sctpCongestionCeased`

The SCTP network layer congestion has ended.

**Component:** RTR, HUB, AMS, IIW

**Facility:** Network

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.12

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.310 sctpCongestionStarted

The SCTP network layer is congested.

Either the network nodes between nodes can not handle the amount of inter-node traffic or the remote end (i.e. other RTR/HUB/AMS/IIW) is too busy handling the traffic.

**Component:** RTR, HUB, AMS, IIW

**Facility:** Network

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.11

**Severity:** Warning

**Clear Trap:** *sctpCongestionCeased*

**Recovery Action:**

None.

### 3.311 sctpUnexpectedAddressUsedByPeer

During the association setup the peer supplied an alternate address that was not registered on the Router. Note that this always results in an association setup reject.

**Component:** RTR

**Facility:** SCTP

**MIB:** SS7

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.312 sctpUnexpectedAssociationSetup

Another system has tried to set up an association with the Router that cannot be related to any of the registered associations on the Router.

**Component:** RTR

**Facility:** SCTP

**MIB:** SS7

**Severity:** Warning

**Clear Trap:** Not applicable, because this trap is to inform the operator only.

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.313 segmentBufferUsageGrowing

If the segment buffer usage reaches the configured threshold (set with the `emgsegmentbufferthreshold` attribute), the EMG issues a `segmentBufferUsageGrowing` trap. If `emgsegmentbufferthreshold` is set to 0, this trap is deactivated.

**Component:** EMG

**Facility:** General

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.5

**Severity:** Warning

**Clear Trap:** [segmentBufferUsageShrinking](#)

**Recovery Action:**

Evaluate `emgsegmentbufferthreshold` value.

### 3.314 segmentBufferUsageShrinking

A `segmentBufferUsageShrinking` trap is issued when the segment buffer usage decreases to 10% below the value set with the `emgsegmentbufferthreshold` attribute (70 in case of the default `emgsegmentbufferthreshold` value of 80) or if it reaches 0. If `emgsegmentbufferthreshold` is set to 0, this trap is deactivated.

**Component:** EMG

**Facility:** General

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.6

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.315 serverErrorOccurred

The `tp_fserver` utility encountered an error.

**Component:** Tools

**Facility:** File Transfer

**MIB:** FXFER

**OID:** 1.3.6.1.4.1.9679.1.101.0.6

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Contact your Data Network Operator or your System Administrator depending on the type of problem.

### 3.316 serverSessionStarted

The `tp_fserver` process has noticed that a `tp_fclient` has established a new session.

**Component:** Tools

**Facility:** File Transfer

**MIB:** FXFER

**OID:** 1.3.6.1.4.1.9679.1.101.0.3

**Severity:** Warning

**Clear Trap:** This is a clear trap.

**Recovery Action:**

1. Verify if the trap is associated with a previous trap or with a data network problem.
2. Contact your Data Network Operator or your System Administrator depending on the type of problem.

### 3.317 serverSessionStopped

The `tp_fserver` process has released a session with a `tp_client` or the `tp_fserver` has noticed that a `tp_fclient` has released the session.

**Component:** Tools



**Facility:** File Transfer

**MIB:** FXFER

**OID:** 1.3.6.1.4.1.9679.1.101.0.4

**Severity:** Warning

**Clear Trap:** *serverSessionStarted*

**Recovery Action:**

1. Verify if the trap is associated with a previous trap or with a data network problem.
2. Contact your Data Network Operator or your System Administrator depending on the type of problem.

### 3.318 serviceCentreOperationalStateChanged

Operational state of a Service Centre has changed.

Possible operational states:

- adminDisabled
- unreachable
- throughputExceeded
- available
- testing
- destroyed

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.33

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *serviceCentreOperationalStateChanged*

**Recovery Action:**

None.

### 3.319 serviceCentreSessionStarted

HUB established a new session with Service Centre.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.25

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.320 serviceCentreSessionStopped

A session between HUB and Service Centre has been released.

**Component:** HUB

**Facility:** Application

**MIB:** APC

**OID:** 1.3.6.1.4.1.9679.1.33.0.26

**Severity:** Informational

**Clear Trap:** [serviceCentreSessionStarted](#)

**Recovery Action:**

None.

### 3.321 severeDbError

A severe database error occurred. Refer to `dbPropLastErrorString` for more information. The AMS will be stopped to prevent more damage.

**Component:** AMS

**Facility:** System

**MIB:** AMS

**OID:** 1.3.6.1.4.1.9679.1.71.0.11

**Severity:** Critical

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Investigation is required before restarting the AMS.

### 3.322 sipEndPointGroupReachable

This trap is issued whenever the IIW successfully sets up a new session with a previously unreachable SIP End-point (i.e. CSCF), and this is the first SIP End-point to have become available in the SIP End-point Group. The trap includes the configured name of the SIP End-point Group as a parameter.

**Component:** IIW

**Facility:** IMS Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.14

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None

### 3.323 sipEndPointGroupUnreachable

This trap is issued whenever the IIW detects that all SIP End-points (i.e. CSCF) have become unreachable in a particular SIP End-point Group. The trap includes the configured name of the SIP End-point Group as a parameter.

**Component:** IIW

**Facility:** IMS Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.15

**Severity:** Error

**Clear Trap:** *sipEndPointGroupReachable*

**Recovery Action:**

Check SIP End-points related configuration settings (particularly the response timeout) and the network connectivity with the SIP End-points (i.e. CSCF) belonging to the End-point Group.

### 3.324 sipEndPointReachable

This trap is issued whenever the IIW successfully sets up a new session with a previously unreachable SIP End-point (i.e. CSCF). The trap includes the configured name of the SIP End-point as a parameter.

**Component:** IIW

**Facility:** IMS Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.11

**Severity:** Informational

**Clear Trap:** This is clear trap.

**Recovery Action:**

None

### 3.325 sipEndPointUnreachable

This trap is issued whenever the IIW detects that a particular SIP End-point has become unreachable. The trap includes the configured name of the SIP End-point as a parameter.

**Component:** IIW

**Facility:** IMS Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.12

**Severity:** Warning

**Clear Trap:** *sipEndPointReachable*

**Recovery Action:**

Check SIP End-point related configuration settings (particularly the response timeout), and the network connectivity with the SIP End-point.

### 3.326 sipListenerOperationalStateChanged

This trap is raised when the Operational state of a SipListener has changed.

**Component:** IIW

**Facility:** Network

**MIB:** IIW

**OID:** 1.3.6.1.4.1.9679.1.111.0.3

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** sipListenerOperationalStateChanged

**Recovery Action:**

None.

### 3.327 smscAvailable

A HUB session has become available.

**Component:** EMG

**Facility:** Application Server Interface

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.4

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.328 smscOperationalStateChanged

(A part of) an SMSC has become unavailable. Because the Router will no longer be able to use the SMSC to store forwarded messages, this situation needs to be rectified as soon as possible. Monitoring happens on the MAP level, meaning that the SMSC may still be up on the SS7-link level but has problems processing the MAP messages.

The SMSC can have the following operational states:

- adminDisabled
- unreachable
- throughputExceeded
- available

**Component:** RTR

**Facility:** PLMN

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.11

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *smscOperationalStateChanged*

**Recovery Action:**

Immediately report this trap to your SMSC Operator or SMSC support representative.

### 3.329 smscUnavailable

No HUB session is available; the system will stop submitting pending messages and processing new requests.

**Component:** EMG

**Facility:** Application Server Interface

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.3

**Severity:** Error

**Clear Trap:** [smscAvailable](#)

**Recovery Action:**

Check termination point-related configuration attributes and HUB connectivity.

### 3.330 smtpAvailable

SMTP server connectivity has become available.

**Component:** EMG

**Facility:** SMTP

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.2

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.331 smtpServerReachable

Whenever the EMG successfully manages to set up the first new SMTP session with a previously unreachable server, the smtpServerReachable trap is issued. This trap also includes the configured name of the server (i.e. the "hostname") as a parameter.

**Component:** EMG

**Facility:** SMTP Server Interface

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.11

**Severity:** Informational

**Clear Trap:** This is a clear Trap

**Recovery Action:**

None.

### 3.332 smtpServerResponseTimeout

In case more than one SMTP session is active with a particular server, then if a SMTP command response timeout occurs on one of the sessions and the EMG configuration parameter `emgsendackafteremailtransfersuccess` is set to "true", the EMG disconnects and clears the related session and then issues a `smtpServerResponseTimeout` trap. This trap includes the configured name of the mail server (i.e. the "hostname") as a parameter.

Note that in order to avoid potential trap flooding (e.g. while dealing with a slow-responding server), this trap is not issued more than once within a 60-second time interval.

**Component:** EMG

**Facility:** SMTP

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.12

**Severity:** Warning

**Clear Trap:** None

**Recovery Action:**

Check SMTP-related configuration attributes (particularly the SMTP command response timeout), traffic load on the SMTP server, and the server configuration.

### 3.333 smtpServerUnreachable

If the EMG detects that a particular SMTP server has become unreachable, it will disconnect and clear all remaining sessions (if any) associated with that server and then issues a `smtpServerUnreachable` trap. This trap includes the configured name of the server (i.e. the "hostname") as a parameter.

**Component:** EMG

**Facility:** SMTP Server Interface

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.10

**Severity:** Error

**Clear Trap:** [\*smtpServerReachable\*](#)

**Recovery Action:**

Check SMTP-related configuration attributes (particularly the SMTP command response timeout), and the network connectivity with the SMTP Server.

### 3.334 smtpUnavailable

The EMG cannot connect to any SMTP server..

**Component:** EMG

**Facility:** SMTP

**MIB:** EMG

**OID:** 1.3.6.1.4.1.9679.1.143.0.1

**Severity:** Error

**Clear Trap:** *smtpAvailable*

**Recovery Action:**

Check SMTP-related configuration attributes and SMTP Server.

### 3.335 sourceAddressDataFileEmpty

The specified data file is empty.

**Component:** XS-BIV, XS-CRV

**Facility:** XS-BIV, XS-CRV

**MIB:** XS-BIV, XS-CRV

**OID:** 1.3.6.1.4.1.9679.1.141.0.24 (XS-BIV), 1.3.6.1.4.1.9679.1.142.0.24 (XS-CRV)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Enter text that should be inserted in the file. Refer to the Operator Manual for details on formatting.

### 3.336 sourceAddressDataFileIncorrectlyFormatted

The specified data file contains a line that is improperly formatted.

**Component:** XS-BIV, XS-CRV

**Facility:** XS-BIV, XS-CRV



**MIB:** XS-BIV, XS-CRV

**OID:** 1.3.6.1.4.1.9679.1.141.0.22 (XS-BIV), 1.3.6.1.4.1.9679.1.142.0.22 (XS-CRV)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check that all lines in the file comply with the restrictions detailed in the Operator Manual.

### 3.337 sourceAddressDataFileTooBig

The specified data file contains more than 10,000 entries.

**Component:** XS-BIV, XS-CRV

**Facility:** XS-BIV, XS-CRV

**MIB:** XS-BIV, XS-CRV

**OID:** 1.3.6.1.4.1.9679.1.141.0.23 (XS-BIV), 1.3.6.1.4.1.9679.1.142.0.23 (XS-CRV)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Decrease the number of entries.

### 3.338 sourceAddressDataFileUnavailable

The specified data file cannot be read.

**Component:** XS-BIV, XS-CRV

**Facility:** XS-BIV, XS-CRV

**MIB:** XS-BIV, XS-CRV

**OID:** 1.3.6.1.4.1.9679.1.141.0.23 (XS-BIV), 1.3.6.1.4.1.9679.1.142.0.23 (XS-CRV)

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the host-specific configuration file and verify if the file it points to actually exists.

### 3.339 spfAblClearInvalidFileFormat

There was an error during the processing of an incoming file in Clear ABL request. File was skipped if the format of file is not correct, then this trap will be generated.

**Component:** SPF

**Facility:** SPF\_ABL\_CLEAR

**MIB:** EIA-GEN

**OID:** 1.3.6.1.4.1.9679.1.5.0.4

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

None.

### 3.340 spfAblClearInvalidFileLength

There was an error during the processing of an incoming file in Clear ABL request. File was skipped if the number of records present in file are less than one, then this trap will be generated.

**Component:** SPF

**Facility:** SPF\_ABL\_CLEAR

**MIB:** EIA-GEN

**OID:** 1.3.6.1.4.1.9679.1.5.0.5

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

None.

### 3.341 spfAblClearInvalidRowColumns

There was an error during the processing of an incoming file in Clear ABL request. Row was skipped if the number of columns present in a row are greater than two, then this trap will be generated.

**Component:** SPF

**Facility:** SPF\_ABL\_CLEAR

**MIB:** EIA-GEN

**OID:** 1.3.6.1.4.1.9679.1.5.0.6

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

None.

### 3.342 spfAvailable

A connection to the SPF-Core has been established for the first time.

In case the *spfUnavailable* trap had been raised earlier, this trap will clear that previous error trap when a connection gets re-established with a SPF Core for the first time.

Refer to the FAF Operator Manual for more information on the FAF ISPI client.

**Component:** SPF, FAF

**Facility:** SMS EIA, SOAP EIA, Bulk EIA, FAF ISPI Client

**MIB:** EIA-GEN

**OID:** 1.3.6.1.4.1.9679.1.5.0.1

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.343 spfDbAvailable

A connection to the database has been established.

**Component:** SPF

**Facility:** SPF Core

**MIB:** SPF-CORE

**OID:** 1.3.6.1.4.1.9679.1.146.0.1

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.344 spfDbSlaveNotReplicating

The slave is not replicating the master database. This trap is only generated when the semi-static configuration attribute `replicationmonitoring` is set to "true".

**Component:** SPF

**Facility:** SPF Core

**MIB:** SPF-CORE

**OID:** 1.3.6.1.4.1.9679.1.146.0.4

**Severity:** Warning

**Clear Trap:** [spfDbSlaveReplicating](#)

**Recovery Action:**

The SPF Core in the slave cluster will automatically recover.

### 3.345 spfDbSlaveReplicating

The slave is replicating the master database. This trap is only generated when the semi-static configuration attribute `replicationmonitoring` is set to "true".

**Component:** SPF

**Facility:** SPF Core

**MIB:** SPF-CORE

**OID:** 1.3.6.1.4.1.9679.1.146.0.3

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.346 spfDbUnavailable

The database could not be opened or the connection with the database was lost.

**Component:** SPF

**Facility:** SPF Core

**MIB:** SPF-CORE

**OID:** 1.3.6.1.4.1.9679.1.146.0.2

**Severity:** Error

**Clear Trap:** *spfDbAvailable*

**Recovery Action:**

Check configuration attributes and database connectivity.

### 3.347 spfProcessingError

There was an error during the processing of a provisioning action. Processing was aborted.

If error occurs while processing provisioning requests sent from the FAF, then this trap will be generated only once every 10 seconds in order to avoid flooding the trap receiver.

Refer to the FAF Operator Manual for more information on the FAF ISPI client.

**Component:** SPF , FAF

**Facility:** SMS EIA, SOAP EIA, Bulk EIA , FAF ISPI Client

**MIB:** EIA-GEN

**OID:** 1.3.6.1.4.1.9679.1.5.0.3

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Check the status of the SPF Core.

### 3.348 spfSubServiceStatusReportingOutputFilePathDiskFull

The disk partition containing the directory path for storing the temporary output file and/or the final output file for subscriber service status reporting is full. Hence, the subscriber service status reporting output file could not be created/stored.

This trap will be generated only once every 1 hour in order to avoid flooding the trap receiver.

Refer to the SPF Operator Manual for more information

**Component:** SPF

**Facility:** SPF Core

**MIB:** SPF-CORE

**OID:** 1.3.6.1.4.1.9679.1.146.0.5

**Severity:** Warning

**Clear Trap:** Not applicable

**Recovery Action:**

Free up sufficient disk space on the partition which contains the output file path directory for subscriber service status reporting.

### 3.349 spfSubServiceStatusReportingOutputFileCompressionError

There was an error while compressing the output file for subscriber service status reporting, by executing the gzip command.

This trap will be generated only once every one hour in order to avoid flooding the trap receiver.

Refer to the SPF Operator Manual for more information.

**Component:** SPF

**Facility:** SPF Core

**MIB:** SPF-CORE

**OID:** 1.3.6.1.4.1.9679.1.146.0.6

**Severity:** Warning

**Clear Trap:** Not applicable

**Recovery Action:**

Check if the gzip command works fine from “textpass” user. Also make sure that sufficient disk space is available on the partition containing the output file path directory for subscriber service status reporting, so that uncompressed output files can be stored temporarily till the compression issue is resolved.

### 3.350 spfUnavailable

No connection is available to any of the SPF-Cores. The SPF Core process(es) is not able to receive provisioning requests.

Refer to the FAF Operator Manual for more information on the FAF ISPI client.

**Component:** SPF , FAF

**Facility:** SMS EIA, SOAP EIA, Bulk EIA, FAF ISPI Client

**MIB:** EIA-GEN

**OID:** 1.3.6.1.4.1.9679.1.5.0.2

**Severity:** Error

**Clear Trap:** *spfAvailable*

**Recovery Action:**

Check configuration attributes and SPF Core connectivity.

### 3.351 ssiDbAvailable

At least one database connection is available, the SSI Server will now initialise its listeners.

**Component:** SSI

**Facility:** SSI

**MIB:** SSI

**OID:** 1.3.6.1.4.1.9679.1.147.0.1

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.352 ssiDbSlaveReplicating

The slave is replicating the master database.

**Component:** SSI

**Facility:** SSI

**MIB:** SSI

**OID:** 1.3.6.1.4.1.9679.1.147.0.3

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.353 ssiDbSlaveNotReplicating

The slave is not replicating the master database.

**Component:** SSI

**Facility:** SSI

**MIB:** SSI

**OID:** 1.3.6.1.4.1.9679.1.147.0.4

**Severity:** Warning

**Clear Trap:** *ssiDbSlaveReplicating*

**Recovery Action:**

1. The trap should be cleared automatically by the slave switch mechanism.
2. If it does not automatically clear, check the replication using the `SHOW SLAVE STATUS \G;` command in MySQL.

This command will:

- Show the master sourcing the replication
- Show the current replication state
- Show the databases and tables that are replicated
- Show any errors, if present

### 3.354 ssiDbUnAvailable

No database connections are available, the SSI Server will now graceful shutdown its listeners

**Component:** SSI

**Facility:** SSI

**MIB:** SSI

**OID:** 1.3.6.1.4.1.9679.1.147.0.2

**Severity:** Error

**Clear Trap:** *ssiDbAvailable*

**Recovery Action:**

Check SSI Server database-related configuration attributes and the database server.

### 3.355 ssiServerAvailabilityRestoredTrap

The local SSI Server is required by your configuration, and has become available after an outage.

**Component:** RTR

**Facility:** SSI

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.44

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.



### 3.356 ssiServerUnavailableTrap

The local SSI Server is required by your configuration, but is unavailable.

**Component:** RTR

**Facility:** SSI

**MIB:** SMS

**OID:** 1.3.6.1.4.1.9679.1.31.0.43

**Severity:** Error

**Clear Trap:** *ssiServerAvailabilityRestoredTrap*

**Recovery Action:**

Check SSI Server configuration and status.

### 3.357 stpOperationalStateChanged

The STP has become unavailable at the SCCP level. If this is not accompanied by Link/Trunk failures, a (partial) outage on the STP occurred. Since STP is the central element in the Mobile network, a failure of the STP has severe impact on the GSM network.

Possible operational states:

- adminDisabled
- pcProhibited
- sccpProhibited
- throughputExceeded
- allowed

**Component:** RTR

**Facility:** SCCP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.12.0.1

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *stpOperationalStateChanged*

**Recovery Action:**

Immediately report this trap to your STP Operator or STP support representative.

### 3.358 stringListExceedMaxLengthAlert

The trap is raised when the size of the string list for content matching exceeds the allocated memory. List provisioning stops at the maximum size of allocated memory. The `maxlistlength` in the XML configuration needs to be increased.

The following parameters are included :

- `fafStringName`
- `fafPropertiesMaxListLength`

**Component:** FAF

**Facility:** content Condition

**MIB:** FAF

**Severity:** Warning

**Clear Trap:** Not Applicable

**Recovery Action:**

Increase the `maxlistlength` in the configuration and restart FAF.

### 3.359 suaAsInstanceOperationalStateChanged

Operational state of a SUA AS instance has changed.

Possible operational states:

- `adminDisabled`
- `blocked`
- `activating`
- `active`

**Component:** RTR

**Facility:** SUA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.20.0.15

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [\*suaAsInstanceOperationalStateChanged\*](#)

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.360 suaAsOperationalStateChanged

Operational state of a SUA AS has changed.

Possible operational states:

- adminDisabled
- blocked
- activating
- active

**Component:** RTR

**Facility:** SUA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.20.0.14

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [suaAsOperationalStateChanged](#)

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.361 suaAspOperationalStateChanged

Operational state of a SUA ASP instance has changed.

Possible operational states:

- adminDisabled
- blocked
- down
- up
- congested

**Component:** RTR

**Facility:** SUA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.20.0.11

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [suaAspOperationalStateChanged](#)

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.362 suaAspRemoteAddressOperationalStateChanged

Operational state of a remote address of a SUA ASP has changed.

Possible operational states:

- adminDisabled
- blocked
- notRegistered
- actingAsPrimary
- actingAsSecondary

**Component:** RTR

**Facility:** SUA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.20.0.13

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** [\*suaAspRemoteAddressOperationalStateChanged\*](#)

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.363 suaAspSctpOperationalStateChanged

Operational state of the Sctp association of a SUA ASP instance has changed.

Possible operational states:

- adminDisabled
- closed
- cookieWait
- cookieEchoed
- established
- shutdownPending
- shutdownSent
- shutdownReceived
- shutdownAckSent
- expectingConnectFromPeer

**Component:** RTR

**Facility:** SUA

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.20.0.12

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *suaAspSctpOperationalStateChanged*

**Recovery Action:**

Report this trap to your Transmission Network Operator.

### 3.364 terminationPointAvailable

At least one Termination point to an SMSC is available for use. This trap clears the noTerminationPointAvailable trap.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.15

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.365 terminationPointDnsResolutionFailure

The DNS name of a termination point could not be resolved.

**Component:** BAT

**Facility:** BAT

**MIB:** BAT

**OID:** 1.3.6.1.4.1.9679.1.121.0.14

**Severity:** Warning

**Clear Trap:** *terminationPointAvailable*

**Recovery Action:**

Check the DNS entry the termination point at the local DNS server.

### 3.366 textDataFileEmpty

The specified data file is empty.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.24

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Enter text that should be inserted in the file. Refer to the XS-TIE Operator Manual for details on formatting.

### 3.367 textDataFileIncorrectlyFormatted

The specified data file contains a line which is improperly formed. User Action:

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.22

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Check that all lines in the file comply with the restrictions detailed in the XS-TIE Operator Manual.

### 3.368 textDataFileTooBig

The specified data file contains too many entries (more than 1000).

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.23

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Decrease the number of entries.

### 3.369 textDataFileUnavailable

The specified data file cannot be read.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.21

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Check the host-specific configuration file and verify if the text file it points to actually exists.

### 3.370 trapGsm7DnsLookupFailed

The Domain Name System (DNS) resolver library could not resolve a GSM 7-bit encoded URL domain name.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.6

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

1. Check the DNS configuration settings in `/etc/resolv.conf`.
2. Check that the DNS is working by using the Unix `nslookup` command.
3. Use an IP address instead of a host name in the URL as specified for `gsm7url` in the host-specific configuration file.

### 3.371 trapInvalidGsm7Url

An invalid URL has been configured for HTTP requests triggered by GSM default alphabet encoded messages.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.4

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Check if the URL is correctly specified for the *gsm7url* attribute in the host-specific configuration file.

### 3.372 trapInvalidUcs2Url

An invalid URL has been configured for HTTP requests triggered by UCS-2 encoded messages.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.3

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Check if the URL is correctly specified for the *ucs2url* attribute in the host-specific configuration file.

### 3.373 trapProxyLookupError

The proxy host name DNS lookup failed.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.8

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

1. Check the configuration of the XML attribute *proxyhost* in the host-specific configuration file.
2. Check the DNS:
  - a) Check the DNS configuration settings in `/etc/resolv.conf`.



- b) Check that the DNS is working by using the Unix `nslookup` command.

### 3.374 trapProxyNotConfigured

The proxy is enabled and not configured correctly.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.7

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

Check the configuration of the XML attributes *proxyport* and *proxyhost* in host-specific configuration file.

### 3.375 trapUcs2DnsLookupFailed

The Domain Name System (DNS) resolver library could not resolve a UCS-2 encoded URL domain name.

**Component:** XS-TIE

**Facility:** XS-TIE

**MIB:** XS-TIE

**OID:** 1.3.6.1.4.1.9679.1.139.0.5

**Severity:** Error

**Clear Trap:** Not applicable.

**Recovery Action:**

1. Check the DNS configuration settings in `/etc/resolv.conf`.
2. Check that the DNS is working by using the Unix `nslookup` command.
3. Use an IP address instead of a host name in the URL as specified for *ucs2url* in the host-specific configuration file.

### 3.376 trunkOperationalStateChanged

A Physical Link (trunk) is disconnected/ connected. Thus no traffic can be sent through this trunk. This trap might cause many other SS7 traps since links and routes will go down as well.

The trunk can have the following operational states:

- adminDisabled
- lossOfSignal
- lossOfFraming
- receivingAisCondition
- receivingRaiCondition
- available

**Component:** RTR

**Facility:** MTP

**MIB:** SS7

**OID:** 1.3.6.1.4.1.9679.1.11.0.1

**Severity:** Depends on the new value of the operational state.

**Clear Trap:** *trunkOperationalStateChanged*

**Recovery Action:**

Immediately report this trap to your Transmission Network Operator.

**Note:** Please use the following syntax for this SS7 trap filter condition:

```
<ENTERPRISE trap="SOMETRAP" />
```

For example, `<mtp trap="trunkOperationalStateChanged" />` is the correct definition.

### 3.377 unableToAcceptConnection

An error occurred while accepting a new connection. Refer to the error string for more information about the listener and the error.

**Component:** HUB

**Facility:** System

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.13

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

None.

### 3.378 unusedRuleName

An incoming ECI message was received with no rule name specified, despite this service having a rule name. Please check your ECI configuration.

**Component:** XS-MOD

**Facility:** XS-MOD

**MIB:** XS-MOD

**OID:** 1.3.6.1.4.1.9679.1.134.0.5

**Severity:** Error

**Clear Trap:** Not applicable, because the application will exit due to the condition that raised this trap.

**Recovery Action:**

Check the ECI configuration.

### 3.379 volumeEndDetected

The volume condition stops to apply action on the matched counting group. Use the *fafPropertiesVolumeTrapsCorrelationId* to correlate with the *volumeStartDetected* trap.

The following parameters are included:

- *fafVolumeName*—Volume condition name, used for identification.
- *fafPropertiesVolumeStartTimeStamp*—Shows the timestamp when the detect period starts
- *fafPropertiesVolumeTrapsCorrelationId*—The *volumeStartDetected* and *volumeEndDetected* trap use this parameter to correlate with each other
- *deviceType*—Type of device to which this trap corresponds

**Component:** FAF

**Facility:** Volume Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.42

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.380 volumeMemoryInUseAlert

This trap is issued to alert the operator that the memory limit, as configured in the **Memory** field of the volume filter condition, has exceeded the configured threshold. New incoming records cannot be added until old records expire.

The following parameters are included:

- *fafVolumeMemory*—Amount of memory in MB to dedicate for the tracking of elements in the filter
- *deviceType*—Type of device to which this trap corresponds

**Component:** FAF

**Facility:** Volume Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.43

**Severity:** Warning

**Clear Trap:** [volumeMemoryInUseAlertClean](#)

**Recovery Action:**

1. Check the volume condition to ensure that the grouping desired is correctly configured.
2. If the volume condition is correctly configured, you can do one of the following:
  - a) Increase the volume condition **Memory** limit (and verify if more installed memory is required).
  - b) Decrease the **Period** and the **Threshold** proportionally.
  - c) Create rules or earlier conditions to more selectively send traffic to the volume filter (for example, international traffic only).
  - d) Scale volume conditions by adding FAF instances and use ECI application load balancing based on originator on the RTR.

Refer to the FAF and RTR Operator Manuals for more information.

- e) Add more systems (please contact your NewNet account manager).

### 3.381 volumeMemoryInUseAlertClean

This trap is issued to inform the operator that the memory in use for a volume condition has dropped 50 MB below the configured memory limit.

The following parameters are included:

- *fafVolumeMemory*—Amount of memory in MB to dedicate for the tracking of elements in the filter
- *deviceType*—Type of device to which this trap corresponds

**Component:** FAF

**Facility:** Volume Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.44

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.382 volumeStartDetected

The volume condition starts to apply action on the matched counting group.

The following parameters are included:

- *fafVolumeName*—Volume condition name, used for identification.
- *fafPropertiesVolumeStartTimeStamp*—Shows the timestamp when the detect period starts
- *fafPropertiesVolumeTrapsCorrelationId*—The volumeStartDetected and volumeEndDetected trap use this parameter to correlate with each other
- *fafPropertiesVolumeLastOriginatorMsisdn*—Shows the originator MSISDN of the matched message
- *fafPropertiesVolumeLastContentType*—Shows the type of the content (`textUtf8` or `applicationData`)
- *fafPropertiesVolumeLastContent*—Shows the content of the matched message. The content is not decoded
- *deviceType*—Type of device to which this trap corresponds

**Component:** FAF

**Facility:** Volume Condition

**MIB:** FAF

**OID:** 1.3.6.1.4.1.9679.1.61.0.41

**Severity:** Informational

**Clear Trap:** *volumeEndDetected*

**Recovery Action:**

None.

### 3.383 watchdogStarted

The watchdog process started.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.31

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.384 watchdogStopped

The watchdog process stopped on a user request or after shutdown of the application process.

**Component:** All

**Facility:** Watchdog

**MIB:** GEN

**OID:** 1.3.6.1.4.1.9679.1.1.0.32

**Severity:** Critical

**Clear Trap:** [watchdogStarted](#)

**Recovery Action:**

Contact your system administrator.

### 3.385 xsArpCacheExpiryClearingLagTrap

Deletion rate of the cache entries is exceeding the maximum deletion rate for more than 5 seconds in succession as is configured in `cacherecordmaxdeletionspersecond`.

**Component:** XS-ARP

**Facility:** Auto reply

**MIB:** XS-ARP

**OID:** 1.3.6.1.4.1.9679.1.129.0.3

**Severity:** Warning

**Clear Trap:** [xsArpCacheExpiryClearingNoLagTrap](#)

**Recovery Action:**

Verify if the following XS-ARP configuration parameters need to be adjusted:

- `cacherecordmaxdeletionspersecond`

Refer to the XS-ARP Operator Manual for more information.

### 3.386 xsArpCacheExpiryClearingNoLagTrap

Deletion rate of the cache entries is within the maximum deletion rate as is configured in `cacherecordmaxdeletionspersecond`.

**Component:** XS-ARP

**Facility:** Auto reply

**MIB:** XS-ARP

**OID:** 1.3.6.1.4.1.9679.1.129.0.4

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.387 xsArpCacheRecordUsedHighWaterTrap

The number of cache records in XS-ARP has reached 80% of the threshold configured through `cacherecordmaxrecords`.

This trap is generated at most once per minute.

**Component:** XS-ARP

**Facility:** Auto reply

**MIB:** XS-ARP

**OID:** 1.3.6.1.4.1.9679.1.129.0.1

**Severity:** Warning

**Clear Trap:** [\*xsArpCacheRecordUsedLowWaterTrap\*](#)

**Recovery Action:**

Verify if the following XS-ARP configuration parameters need to be adjusted:

- `cacherecordmaxrecords`
- `cacherecordmaxageminutes`
- `cacherecordmaxdeletionspersecond`

Refer to the XS-ARP Operator Manual for more information.

### 3.388 xsArpCacheRecordUsedLowWaterTrap

The number of cache records in XS-ARP has dropped below 60% of the threshold configured through cacherecordmaxrecords.

This trap is generated at most once per minute.

**Component:** XS-ARP

**Facility:** Auto reply

**MIB:** XS-ARP

**OID:** 1.3.6.1.4.1.9679.1.129.0.2

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.389 xsDbAvailable

At least one database connection is available.

**Component:** XS-CPY, XS-FWD, XS-BWL, XS-DIL, XS-ARP, XS-SIG

**Facility:** Database

**MIB:** XS-DB

**OID:** 1.3.6.1.4.1.9679.1.9.0.1

**Severity:** Informational

**Clear Trap:** This is a clear trap.

**Recovery Action:**

None.

### 3.390 xsDbUnavailable

No database connections are available.

**Component:** XS-CPY, XS-FWD, XS-BWL, XS-DIL, XS-ARP, XS-SIG

**Facility:** Database

**MIB:** XS-DB

**OID:** 1.3.6.1.4.1.9679.1.9.0.2



**Severity:** Error

**Clear Trap:** *xsDbAvailable*

**Recovery Action:**

Check database-related configuration attributes and the status of the NDB Cluster.

### 3.391 xsDbNdbClusterFailure

This trap is raised when the XSDB receives an event from the NDB Cluster indicating that a cluster failure has occurred.

**Component:** XS-CPY, XS-FWD, XS-BWL, XS-DIL, XS-ARP, XS-SIG

**Facility:** Database

**MIB:** XS-DB

**OID:** 1.3.6.1.4.1.9679.1.9.0.4

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Check database-related configuration attributes and the status of the NDB Cluster.

### 3.392 xsDbNdbNodeFailure

This trap is raised when the XSDB receives an event from the NDB Cluster indicating that a node failure has occurred.

**Component:** XS-CPY, XS-FWD, XS-BWL, XS-DIL, XS-ARP, XS-SIG

**Facility:** Database

**MIB:** XS-DB

**OID:** 1.3.6.1.4.1.9679.1.9.0.3

**Severity:** Error

**Clear Trap:** Not applicable

**Recovery Action:**

Check the status of the node.

# Glossary

## A

AMS Active Message Store  
Provides store-and-forward functionality for SMS messages.

AO Application Originated  
Short message traffic that is originated by an application.

ATM AnyTimeModification  
MAP Operation to update the information in the HLR.

## B

BAT Batch Server  
Message distribution application that can send the same short message to multiple recipients.

## C

CDR Call Detail Record  
This refers to the recording of all connections in a database to permit activities such as billing connection charges or network analysis. CDR files are used in public switched networks, IP networks, for IP telephony, and mobile communications networks.

Charging Data Record  
Used for user billing: a telecom provider transfers them from time to time in order to send bills to their users.

CIMD Computer Interface for Message Distribution

## C

Proprietary SMSC protocol developed by Nokia.

CLI

Command-line interface  
Calling Line Identification

CRA

CDR-Based Refund Application  
Enables operators to refund charged-but-failed messages sent by prepaid subscribers.

## D

DB

Database

Diameter

Protocol that provides an Authentication, Authorization, and Accounting (AAA) framework for applications such as network access or IP mobility. Diameter works in both local and roaming AAA situations.

Diameter can also be used as a signaling protocol for mobility management which is typically associated with an IMS or wireless type of environment. Diameter is the successor to the RADIUS protocol. The MPE device supports a range of Diameter interfaces, including Rx, Gx, Gy, and Ty.

DMF

Direct Message Filter

Application component that consumes Intercept files generated by RTR, so it must run with RTR on the same Traffic Element. This component will regularly monitor for new Intercept Files generated by the RTR.

DNS

Domain Name System

**D**

A system for converting Internet host and domain names into IP addresses.

**E**

EC-ABM

External Condition A and B number Modification component

External condition application that provides a configurable manipulation of A (originator) and B (recipient) numbers.

ECI

External condition interface

Interface for communicating with external condition applications.

EIA

External Interface Adapter

EMG

SMS-to-E-mail Gateway

Provides SMS-to-e-mail conversion for mobile subscribers.

EP

End Point

ESME

External Short Message Entity

The remote-destination entities on the IP network that is connected to using SMPP protocol.

**F**

FAF

Firewall Advanced Filter

Works in combination with the Firewall to filter messages, modify message content, and alert network operators of increases in SMS-related traffic.

**H**

**H**

HSS	Home Subscriber Server A central database for subscriber information.
HUB	Works in combination with the Router to manage traffic to and from SMS applications.

**I**

IIW	IMS InterWorking Works in combination with the router to provide gateway functionality between IMS domain and SS7 domain.
IMS	IP Multimedia Subsystem These are central integration platforms for controlling mobile communications services, customer management and accounting for mobile communications services based on IP. The IMS concept is supported by 3GPP and the UMTS Forum and is designed to provide a wide range of application scenarios for individual and group communication.
IMSI	International Mobile Subscriber Identity
IN	Intelligent Network A network design that provides an open platform for developing, providing and managing services.
IP	Internet Protocol IP specifies the format of packets, also called datagrams, and the addressing scheme. The network

**I**

layer for the TCP/IP protocol suite widely used on Ethernet networks, defined in STD 5, RFC 791. IP is a connectionless, best-effort packet switching protocol. It provides packet routing, fragmentation and re-assembly through the data link layer.

IPv4

Internet Protocol version 4

**L**

LDAP

Lightweight Directory Access Protocol

A protocol for providing and receiving directory information in a TCP/IP network.

LGP

Log Processor

Collects and processes data for the Log Viewer to display.

LGR

Log Reports

Advanced reports using the LGP database.

**M**

MAP

Mobile Application Part

MO

Mobile Originated

Refers to a connection established by a mobile communication subscriber. Everything initiated by the mobile station is known as mobile originated.

MSISDN

Mobile Station International Subscriber Directory Number

**M**

The MSISDN is the network specific subscriber number of a mobile communications subscriber. This is normally the phone number that is used to reach the subscriber.

MT

Mobile Terminated

All transmissions that reach the mobile station and are accepted by it, such as calls or short messages.

MTP

Message Transfer Part

The levels 1, 2, and 3 of the SS7 protocol that control all the functions necessary to route an SS7 Message Signal Unit through the network.

**P**

PBC

Prepaid Billing Controller

Performs prepaid charging using the Diameter, CAMEL, or SMPP+ interface.

**R**

RTR

Router

Routes all types of SMS traffic.

**S**

SCCP

Signaling Connection Control Part

SCF

Service Control Function

SCTP

Stream Control Transmission Protocol

An IETF transport layer protocol, similar to TCP that sends a message in one operation.

The transport layer for all standard IETF-SIGTRAN protocols.

## S

SCTP is a reliable transport protocol that operates on top of a connectionless packet network such as IP and is functionally equivalent to TCP. It establishes a connection between two endpoints (called an association; in TCP, these are sockets) for transmission of user messages.

SGSN

Serving GPRS Support Node

SMPP

Short Message Peer-to-Peer Protocol

An open, industry standard protocol that provides a flexible data communications interface for transfer of short message data.

SMS

Short Message Service

SMTP

Simple Mail Transfer Protocol

SNMP

Simple Network Management Protocol.

An industry-wide standard protocol used for network management. The SNMP agent maintains data variables that represent aspects of the network. These variables are called managed objects and are stored in a management information base (MIB). The SNMP protocol arranges managed objects into groups.

SPF

Subscriber Provisioning Framework

The Mobile Messaging solution to enable the configuration, control and application of subscriber-specific services. The SPF provides a



**S**

framework to store and retrieve service-specific data through a variety of provisioning interfaces.

SS7

Signaling System #7

SSI

Service Subscription Information

The Mobile Messaging SSI can be queried to determine the applicable personalized subscriber services of the originator and recipient of the message.

SUA

SCCP User Adaptation Layer

A protocol for the transport of any SCCP-User signaling over IP using the SCTP. The protocol is designed to be modular and symmetric, to allow it to work in diverse architectures.

**T**

trap

A mechanism used in the context of SNMP (Simple Network Management Protocol) for one-way event notification.

**U**

UCP

Universal Computer Protocol  
Protocol used to connect to SMSCs.

UCS-2

2-byte Universal Character Set

UCS-2 coded SMS contains a maximum of 70 characters. It is in use in countries that needs more than the standard 7/8 bit to code their character set. Each character is represented by 2 bytes.

## U

UDP User Datagram Protocol

URL Uniform Resource Locator

## X

XS-ARP eXternal Service Auto Reply component  
eXternal Service component that provides SMS auto reply functionality.

XS-BIV Billing ID Verification component  
eXternal Service component that can verify and modify vendor-specific SMPP vendor billing IDs for incoming and outgoing AO traffic.

XS-BWL Black- and Whitelist component  
eXternal Service component that provides personalized blacklist and whitelist services for home network subscribers.

XS-CPY Short Message Copy component  
eXternal Service component that can send a copy of MO, MT, and AT short messages to MSISDNs.

XS-CRV Content Rating Value component  
eXternal Service component that can verify and modify vendor-specific SMPP content ratings for outgoing AO traffic.

XS-DIL Distribution List component  
eXternal Service component that provides distribution list functionality.

## X

XS-FWD	Short Message Forward component eXternal Service component that can forward short messages to MSISDNs.
XS-INT	eXternal Service Intercept component eXternal Service component that can intercept successful deliveries from and to subscribers. The intercepted messages are copied towards a specified APP.
XS-MLC	MultiList Control component eXternal Service component that can look up a recipient address in a set of configured lists.
XS-MOD	Modifier component eXternal Service component that provides configurable manipulation of certain routing fields.
XS-SIG	eXternal Service Signature component eXternal Service component that provides SMS signature functionality.
XS-TIE	Text Insertion Engine component eXternal Service component that can insert additional text in a short message that is bound for home network subscriber.