



SGM Statistics Export File Formats

This appendix lists the formats for the following SGM statistics export files:

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- [SGM Daily and Hourly Accounting Statistics Export File Format, page F-2](#)
- [SGM Link Statistics Daily Export File Format, page F-3](#)
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SGM Custom Network Statistics Export File Formats

Export files for custom network statistics reports use the same format as the corresponding accounting, link, and linkset statistics reports:

- The export file for a custom accounting statistics report uses the same format as the daily and hourly accounting statistics report export file, as shown in the [“SGM Daily and Hourly Accounting Statistics Export File Format”](#) section on page F-2.
- The export file for a custom link statistics summary report uses the same format as the daily link statistics report export file, as shown in the [“SGM Link Statistics Daily Export File Format”](#) section on page F-3.
- The export file for a custom linkset statistics summary report uses the same format as the daily linkset statistics report export file, as shown in the [“SGM Linkset Statistics Daily Export File Format”](#) section on page F-5.

SGM Daily and Hourly Accounting Statistics Export File Format

Export files for SGM daily and hourly accounting statistics reports use the following format:

```
# =====
# Format of Accounting Statistics Daily and Hourly Files:
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                                Description
# -----
# 1  Row Id
# 2  Calendar Date in Excel Import Format
# 3  Calendar Date Good for Sorting
# 4  Node Name
# 5  Linkset Name                                Name of Linkset
# 6  ACL Test                                    Passed or Failed
# 7  DPC                                         Destination Point Code
# 8  OPC                                         Originating Point Code
# 9  SI                                           Service Indicator
# 10 Received MSUs                             Number of MSUs sent this period
# 11 Sent MSUs                                 Number of MSUs received this period
# 12 Received Bytes                           Number of bytes sent this period
```

```

# 13 Sent Bytes                      Number of bytes received this period
# 14 Node DisplayName               Display Name of Node from SGM Server
# 15 Linkset DisplayName            Display Name of Linkset from router
# 16 Period                         Length of this period in seconds
# 17 Day String                     Textual value for day. Sun, Mon, etc
# 18 Node SGMId                    Internal Id of node in SGM server
# 19 Version                        File version
# =====

```

SGM Link Statistics Daily Export File Format

Export files for SGM daily link statistics summary reports use the following format:

```

# =====
# Format of Link Statistics Daily Export File:
#   Any value = 999.1 means link capacity not set
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                      Description
# -----
# 1  Row Id
# 2  Calendar Date in Excel Import Format
# 3  Calendar Date Good for Sorting
# 4  Node Name
# 5  Linkset Name                     Val cItpSpLinksetName
# 6  SLC                             Val cItpSpLinkSLc
# 7  Node DisplayName                Display Name of Node from SGM Server
# 8  Link DisplayName                Val cItpSpLinkDisplayName
# 9  Link Type (integer)             Val cItpSpLinkType
# 10 Link Type (text)
# 11 MIB-II ifIndex of link. Serial/HSL Only.
# 12 Plan send capacity of link in bits/sec.
#                                     Val cItpSpLinkPlanCapacitySent
# 13 Plan receive capacity of link in bits/sec.
#                                     Val cItpSpLinkPlanCapacityRcvd
# 14 MIB-II ifSpeed of link. Serial/HSL Only. In bits/sec.
# 15 Hours in Day with Data
# 16 Day String

# 17 DailyAvgSndU
# 18 DailyAvgRcvU
# 19 PeakSndU
# 20 PeakSndHour
# 21 PeakRcvU

```

SGM Link Statistics Hourly Export File Format

```
# 22 PeakRecvHour
# 23 TotSendMSUs - In Kilos
# 24 TotRecvMSUs - In Kilos
# 25 Drops
# 26 DailyAvgInSrv
# 27 LowInSrv
# 28 LowHour
# 29 LTAvgInSrv
# 30 LTAvgSndU
# 31 LTAvgRcvU
# 32 Node SGMId
# 33 Version
# =====
```

SGM Link Statistics Hourly Export File Format

Export files for SGM hourly link statistics reports use the following format:

```
# =====
# Format of Link Statistics Hourly Export File:
#   Possible values of Link Type are:
#       other(1), serial(2), sctpIp(3), hsl(4)
#   Any value = 999.1 means link capacity not set
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                                Description
# -----
# 1  Row Id
# 2  Calendar Date in Excel Import Format
# 3  Calendar Date Good for Sorting
# 4  Node Name
# 5  Linkset Name                               Val cItpSpLinksetName
# 6  SLC                                         Val cItpSpLinkSLC
# 7  Node DisplayName                           Display Name of Node from SGM Server
# 8  Link DisplayName                           Val cItpSpLinkDisplayName
# 9  Link Type (integer)                        Val cItpSpLinkType
# 10 Link Type (text)
# 11 MIB-II ifIndex of link. Serial/HSL Only.
# 12 Plan send capacity of link in bits/sec.
#                                     Val cItpSpLinkPlanCapacitySent
# 13 Plan receive capacity of link in bits/sec.
#                                     Val cItpSpLinkPlanCapacityRcvd
# 14 MIB-II ifSpeed of link. Serial/HSL Only. In bits/sec.
# 15 Length of this period in seconds
# 16 Day String
```

```
# 17 Send utilization this time period.      In Erlangs, not percent.
# 18 Average send utilization since reboot. In Erlangs, not percent.
# 19 Recv utilization this time period.      In Erlangs, not percent.
# 20 Average recv utilization since reboot. In Erlangs, not percent.
# 21 Number of MTP3 MSUs sent      this period
# 22 Number of MTP3 MSUs received this period
# 23 Number of drops this period
# 24 Percentage of time in service this period
# 25 Avg Percentage of time in service since reboot
#     or last counter wrap
# 26 Percentage of time out of service this period
# 27 Avg Percentage of time out of service since reboot
#     or last counter wrap
# 28 Number of MTP3 Bytes sent this period
# 29 Number of MTP3 Bytes received this period
# 30 Node SGMID
# 31 Version
# =====
```

SGM Linkset Statistics Daily Export File Format

Export files for SGM daily linkset statistics summary reports use the following format:

```
# =====
# Format of Linkset Statistics Daily Export File:
# =====

# Field Variable                      Description
# -----
# 1  Row Id
# 2  Calendar Date in Excel Import Format
# 3  Calendar Date Good for Sorting
# 4  Node Name
# 5  Linkset Name                     Val cItpSpLinksetName
# 6  Node DisplayName                 Display Name of Node from SGM Server
# 7  Linkset DisplayName
# 8  Hours
# 9  DayStr
# 10 DailyAvgInSrv
# 11 LowInSrv
# 12 LowHour
# 13 LTAvgInSrv
# 14 NodeSGMID
# 15 Ver
```

SGM Linkset Statistics Hourly Export File Format

Export files for SGM hourly linkset statistics reports use the following format:

```
# =====
# Format of Linkset Statistics Hourly Export File:
# =====

# Field Variable                                Description
# -----
# 1  Row Id
# 2  Calendar Date in Excel Import Format
# 3  Calendar Date Good for Sorting
# 4  Node Name
# 5  Linkset Name                               Val cItpSpLinksetName
# 6  Node DisplayName                           Display Name of Node from SGM Server
# 7  Linkset DisplayName                       Val cItpSpLinksetDisplayname
# 8  Length of this period in seconds
# 9  Day String
# 10 Percentage of time in service this period
# 11 Avg Percentage of time in service since reboot
# 12 Percentage of time out of service this period
# 13 Avg Percentage of time out of service since reboot
# 14 Node SGMId
# 15 Version
# =====
```

SGM Point Code Inventory Export File Format

Export files for SGM point code inventory reports are comma-separated value (CSV) text files. Each line of the file has the following format:

```
# =====
# Format of Point Code Inventory Export File:
# =====

# PointCode,NodeName,NodeDisplayName,PCType,SGMId
# =====
```

SGM Rolling Network Statistics Export File Formats

Export files for 7-day and 30-day rolling network statistics reports use the same format as the corresponding link and linkset statistics reports:

- The export file for a 7-day link statistics summary report uses the same format as the hourly link statistics report export file, as shown in the [“SGM Link Statistics Hourly Export File Format”](#) section on page F-4.
- The export file for a 7-day linkset statistics summary report uses the same format as the hourly linkset statistics report export file, as shown in the [“SGM Linkset Statistics Hourly Export File Format”](#) section on page F-6.
- The export file for a 30-day link statistics summary report uses the same format as the daily link statistics report export file, as shown in the [“SGM Link Statistics Daily Export File Format”](#) section on page F-3.
- The export file for a 30-day linkset statistics summary report uses the same format as the daily linkset statistics report export file, as shown in the [“SGM Linkset Statistics Daily Export File Format”](#) section on page F-5.

