



Archived Reports File Formats

This appendix contains this content:

- [ITP Specific Archived Reports File Formats, page I-1](#)
- [RAN-O Specific Archived Reports File Formats, page I-18](#)

ITP Specific Archived Reports File Formats

This section lists the formats for these Cisco IP Transfer Point (ITP) specific archived reports files:

- [Application Server Process Statistics Daily and Peaks Daily Format, page I-2](#)
- [Application Server Process Statistics Hourly Format, page I-3](#)
- [Application Server Process Statistics MTP3 Daily and MTP3 Peaks Daily Format, page I-4](#)
- [Application Server Statistics Daily and Peaks Daily Format, page I-4](#)
- [Application Server Statistics Hourly Format, page I-5](#)
- [GTT Accounting Statistics Daily Format, page I-5](#)
- [Link Statistics Daily and Peaks Daily Format, page I-6](#)
- [Link Statistics Hourly Format, page I-7](#)
- [Link Statistics Multi Day Format, page I-8](#)
- [Linkset Statistics Daily and Peaks Daily Format, page I-8](#)
- [Linkset Statistics Hourly Format, page I-9](#)
- [MLR Aborts and Continues Daily Format, page I-10](#)
- [MLR Processed Statistics Daily Format, page I-10](#)
- [MLR Result Invokes Statistics Daily Format, page I-11](#)
- [MLR Rule Matches Statistics Daily Format, page I-11](#)
- [MLR SubTriggers Daily Format, page I-12](#)
- [MLR Triggers Daily Format, page I-12](#)
- [MSU Rates Load and Peaks Reports Format, page I-13](#)
- [MTP3 Accounting Statistics Daily Format, page I-14](#)
- [MTP3 Events Hourly Format, page I-15](#)
- [Point Code Inventory Format, page I-15](#)

- [Q.752 Link Statistics Hourly Format, page I-15](#)
- [Custom Network Reports File Formats, page I-17](#)
- [Rolling Network Reports File Formats, page I-18](#)

Application Server Process Statistics Daily and Peaks Daily Format

Archived reports for the Cisco Mobile Wireless Transport Manager (MWTM) daily and peaks daily application server process statistics reports use this format:

```
# =====
# Format of ASP Statistics Daily Archived Reports:
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                Description
# -----
# 1 Id                          Calendar date in Excel import format
# 2 Date                        Calendar date good for sorting
# 3 Sort Date
# 4 Node
# 5 ASP Name                    Val cItpXuaAspName
# 6 Node Disp Name              Display name of node from MWTM server
# 7 Hours                      Hours in day with data
# 8 Day Str                     Day string
# 9 Tot Pkts From Asp           In kilos
# 10 Tot Pkts To Asp            In kilos
# 11 Tot Pkts From Mtp3         In kilos
# 12 Tot Pkts To Mtp3           In kilos
# 13 Tot Errors Sent            In kilos
# 14 Tot Errors Rcvd            In kilos
# 15 Hourly Avg Pkts From Asp   Average hourly value
# 16 Hourly Avg Pkts To Asp     Average hourly value
# 17 Hourly Avg Pkts From Mtp3  Average hourly value
# 18 Hourly Avg Pkts To Mtp3    Average hourly value
# 19 Hourly Avg Errors Sent     Average hourly value
# 20 Hourly Avg Errors Rcvd     Average hourly value
# 21 Peak Pkts From Asp         In kilos
# 22 Peak Pkts From Asp Hour    In kilos
# 23 Peak Pkts To Asp           In kilos
# 24 Peak Pkts To Asp Hour      In kilos
# 25 Peak Pkts From Mtp3        In kilos
# 26 Peak Pkts From Mtp3 Hour   In kilos
# 27 Peak Pkts To Mtp3          In kilos
# 28 Peak Pkts To Mtp3 Hour     In kilos
# 29 Peak Errors Sent           In kilos
# 30 Peak Errors Sent Hour      In kilos
# 31 Peak Errors Rcvd           In kilos
# 32 Peak Errors Rcvd Hour      In kilos
# 33 Node SGM Id
# 34 SP Name
# 35 SP SGM Id
# 36 AS Parent
# 37 Ver
# =====
```

Application Server Process Statistics Hourly Format

Archived reports for the MWTM hourly application server process statistics reports use this format:

```
# =====
# Format of ASP Statistics Hourly Archived Reports:
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                                Description
# -----
# 1  Id
# 2  Date                                Calendar date in Excel import format
# 3  Sort Date                            Calendar date good for sorting
# 4  Node
# 5  ASP Name                            Val cItpXuaAspName
# 6  Period                                Length of this period in seconds
# 7  Day Str                              Day string
# 8  Pkts From Asp                        Number of packets from ASP this period
# 9  Pkts To Asp                          Number of packets to ASP this period
# 10 Pkts From Mtp3                       Number of packets from MTP3 this period
# 11 Pkts To Mtp3                         Number of packets to MTP3 this period
# 12 Errors Sent                          Number of errors sent this period
# 13 Errors Rcvd                          Number of errors received this period
# 14 Node Disp Name                       Display name of node from MWTM server
# 15 Node SGM Id
# 16 SP Name
# 17 SP SGM Id
# 18 AS Parent                            Parent AS name
# 19 Ver                                  File version
# 20 UPACKs Sent
# 21 UPs Rcvd
# 22 DNACKs Sent
# 23 DNs Rcvd
# 24 ACACKs Sent
# 25 ACs Rcvd
# 26 IAACKs Sent
# 27 IAs Rcvd
# 28 Notifys Sent
# 29 DUNAs Sent
# 30 DUNAs Rcvd
# 31 DAVAs Sent
# 32 DAVAs Rcvd
# 33 DUPUs Sent
# 34 DUPUs Rcvd
# 35 DAUDs Sent
# 36 DAUDs Rcvd
# =====
```

Application Server Process Statistics MTP3 Daily and MTP3 Peaks Daily Format

Archived reports for the MWTM Message Transfer Part level 3 (MTP3) daily and MTP3 peaks daily application server statistics reports use this format:

```
# =====
# Format of AS Statistics MTP3 Daily Archived Reports:
# =====

# Field Variable                Description
# -----
# 1 Id                          Calendar date in Excel import format
# 2 Date                        Calendar date good for sorting
# 3 Sort Date
# 4 Node
# 5 ASP Name                    Val cItpXuaAspName
# 6 Node Disp Name              Display name of node from MWTM server
# 7 Hours                      Hours in day with data
# 8 Day Str                     Day string
# 9 Tot Pkts From Mtp3          In kilos
# 10 Tot Pkts To Mtp3           In kilos
# 11 Tot Errors Sent            In kilos
# 12 Tot Errors Rcvd            In kilos
# 13 Hourly Avg Pkts From Mtp3  Average hourly value
# 14 Hourly Avg Pkts To Mtp3    Average hourly value
# 15 Hourly Avg Errors Sent     Average hourly value
# 16 Hourly Avg Errors Rcvd     Average hourly value
# 17 Peak Pkts From Mtp3        In kilos
# 18 Peak Pkts From Mtp3 Hour   In kilos
# 19 Peak Pkts To Mtp3          In kilos
# 20 Peak Pkts To Mtp3 Hour     In kilos
# 21 Peak Errors Sent           In kilos
# 22 Peak Errors Sent Hour      In kilos
# 23 Peak Errors Rcvd           In kilos
# 24 Peak Errors Rcvd Hour      In kilos
# 25 Node SGM Id
# 26 SP Name
# 27 SP SGM Id
# 28 AS Parent
# 29 Ver
# =====
```

Application Server Statistics Daily and Peaks Daily Format

Archived reports for the MWTM application server daily and peaks daily statistics reports use this format:

```
# =====
# Format of AS Statistics Daily Archived Reports:
# =====

# Field Variable                Description
# -----
# 1 Id                          Calendar date in Excel import format
# 2 Date                        Calendar date good for sorting
# 3 Sort Date
# 4 Node
# 5 AS Name                    Val cItpXuaAsName
# 6 Node Display Name          Display name of node from MWTM server
```

```

# 7 Hours in Day with Data      Hours in day with data
# 8 Day Str                     Day string
# 9 TotPktsFromMtp3            In kilos
# 10 TotPktsToASPsOfAs         In kilos
# 11 HourlyAvgPktsFromMtp3     Average hourly value
# 12 HourlyAvgPktsToASPsOfAs   Average hourly value
# 13 PeakPktsFromMtp3
# 14 PeakPktsFromMtp3Hour
# 15 PeakPktsToASPsOfAs
# 16 PeakPktsToASPsOfAsHour
# 17 Node SGM Id
# 18 SP Name
# 19 SP SGM Id
# 20 Ver
# =====

```

Application Server Statistics Hourly Format

Archived reports for the MWTM hourly application server statistics reports use this format:

```

# =====
# Format of AS Statistics Hourly Archived Reports:
# =====

# Field Variable      Description
# -----
# 1 Id
# 2 Date
# 3 Sort Date
# 4 Node
# 5 AS Name            Val cItpXuaAsName
# 6 Period
# 7 Day Str
# 8 PktsFromMtp3 this period
# 9 PktsToASPsOfAs this period
# 10 Node Display Name      Display name of node from MWTM server
# 11 Node SGM Id
# 12 SP Name
# 13 SP SGM Id
# 14 Ver
# =====

```

GTT Accounting Statistics Daily Format

Archived reports for the MWTM daily Global Title Translation (GTT) accounting statistics reports use this format:

```

# =====
# Format of GTT Accounting Statistics Daily Archived Reports:
# Any value = 999.2 means a math error occurred
# =====

# Field Variable      Description
# -----
# 1 Id
# 2 Date
# 3 Sort Date
# 4 Node
# 5 Linkset           Name of linkset
# 6 Sel Name          Name of Global Title Selector

```

```

# 7  GTA                               Name of Global Title Address
# 8  PC                               Translated point code
# 9  Diff Packets                      Number of translated packets
# 10 Diff Octets                      Number of translated octets
# 11 Node Disp Name                   Display name of node from MWTM server
# 12 Linkset Disp Name                Display name of linkset from ITP device
# 13 Period                          Length of this period in seconds
# 14 Day Str                          Textual value for day (Sun, Mon, etc.)
# 15 Node SGM Id                     Internal ID of node in MWTM server
# 16 Ver                             File version
# 17 SP Name
# 18 SP SGM Id
# 19 To Instance                      Instance in which the translated PC resides
# =====

```

Link Statistics Daily and Peaks Daily Format

Archived reports for the MWTM link daily and peaks daily statistics summary reports use this 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  Id
# 2  Date
# 3  Sort Date
# 4  Node
# 5  Linkset                         Val cItpSpLinksetName
# 6  SLC                            Val cItpSpLinkSlc
# 7  Node Disp Name                  Display name of node from MWTM server
# 8  Link Disp Name                  Val cItpSpLinkDisplayName
# 9  Type
# 10 Type Str
# 11 ifIndex
# 12 Send Cap                       Plan send capacity of link in bits/sec.
# 13 Recv Cap                       Plan receive capacity of link in bits/sec.
# 14 if Speed                       MIB-II ifSpeed of link. Serial/HSL only, in bits/sec.
# 15 Hours
# 16 Day Str
# 17 Daily Avg Snd U
# 18 Daily Avg Rcv U
# 19 Peak Snd U
# 20 Peak Snd Hour
# 21 Peak Recv U
# 22 Peak Recv Hour
# 23 Tot Send MSUs - In Kilos
# 24 Tot Recv MSUs - In Kilos
# 25 Drops
# 26 Daily Avg In Srv
# 27 Low In Srv
# 28 Low Hour
# 29 LT Avg In Srv
# 30 LT Avg Snd U
# 31 LT Avg Rcv U
# 32 Node SGM Id
# 33 Ver
# 34 SP Name
# 35 SP SGM Id

```

```
# 36 Avg Cong
# 37 Peak Congest
# 38 Peak Cong Hour
# =====
```

Link Statistics Hourly Format

Archived reports for the MWTM hourly link statistics reports use this format:

```
# =====
# Format of Link Statistics Hourly Archived Reports:
# 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 Id
# 2 Date
# 3 Sort Date
# 4 Node
# 5 Linkset                     Val cItpSpLinksetName
# 6 SLC                         Val cItpSpLinkSLc
# 7 Node Disp Name              Display name of node from MWTM server
# 8 Link Disp Name              Val cItpSpLinkDisplayName
# 9 Type (integer)              Val cItpSpLinkType
# 10 Type Str (text)
# 11 ifIndex                    MIB-II ifIndex of link. Serial/HSL only.
# 12 SendCap                    Plan send capacity of link in bits/sec.
# 13 RecvCap                    Plan receive capacity of link in bits/sec.
# 14 ifSpeed                    MIB-II ifSpeed of link. Serial/HSL only.
#                               In bits/sec.
# 15 Period
# 16 Day Str
# 17 Send Erl                   Send utilization this time period. In Erlangs,
#                               not percent.
# 18 LT Send Erl                Long-Term Average send utilization. In Erlangs,
#                               not percent.
# 19 Recv Erl                   Recv utilization this time period. In Erlangs,
#                               not percent.
# 20 LT Recv Erl                Long-Term Average receive utilization. In Erlangs,
#                               not percent.
# 21 Sent MSU                   Number of MTP3 MSUs sent this period
# 22 Recv MSU                   Number of MTP3 MSUs received this period
# 23 Drops                      Number of drops this period
# 24 In Ser                     Percentage of time in service this period
# 25 Avg In Serv                 Average percentage of time in service since reboot
#                               or last counter wrap
# 26 Out Ser                     Percentage of time out of service this period
# 27 Avg Out Ser                 Average percentage of time out of service since
#                               reboot or last counter wrap
# 28 Sent MTP3 Bytes            Number of MTP3 bytes sent this period
# 29 Recv MTP3 Bytes            Number of MTP3 bytes received this period
# 30 Node SGM Id
# 31 Ver
# 32 SP Name
# 33 SP SGM Id
# 34 Percent Con                Percentage of time in congestion this period
# =====
```

Link Statistics Multi Day Format

Archived reports for the MWTM multi day link statistics reports use this format:

```
# =====
# Format of Link Statistics Multi Day Archived Reports:
#   Any value = 999.1 means link capacity not set
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                                Description
# -----
# 1  ID
# 2  Node
# 3  Linkset
# 4  SLC
# 5  Node Disp Name                            Val cItpSpLinkSlc
# 6  Link Disp Name                            Val cItpSpLinkDisplayName
# 7  Type (integer)                            Val cItpSpLinkType
# 8  Type Str (text)                           Serial/HSL only.
# 9  ifIndex
# 10 Send Cap                                Plan send capacity of link in bits/sec.
# 11 Recv Cap                                Plan receive capacity of link in bits/sec.
# 12 ifSpeed                                  Serial/HSL only. In bits/sec.
# 13 Hours                                    Hours in day with data
# 14 Node SGM Id                              Internal ID of node in SGM server
# 15 Ver                                       File version
# 16 SP Name                                  Signaling point name
# 17 SPSGM Id
# 18 AvgSendUtil-YYYY-MM-DD                   For a 3 day report
# 19 AvgReceiveUtil-YYYY-MM-DD                 For a 3 day report
# 20 AvgSendUtil-YYYY-MM-DD                   For a 3 day report
# 21 AvgReceiveUtil-YYYY-MM-DD                 For a 3 day report
# 22 AvgSendUtil-YYYY-MM-DD                   For a 3 day report
# 23 AvgReceiveUtil-YYYY-MM-DD                 For a 3 day report
# 24 AvgSendUtil-YYYY-MM-DD                   For a 5 day report
# 25 AvgReceiveUtil-YYYY-MM-DD                 For a 5 day report
# 26 AvgSendUtil-YYYY-MM-DD                   For a 5 day report
# 27 AvgReceiveUtil-YYYY-MM-DD                 For a 5 day report
# =====
```

Linkset Statistics Daily and Peaks Daily Format

Archived reports for the MWTM daily and peaks daily linkset statistics summary reports use this format:

```
# =====
# Format of Linkset Statistics Daily Archived Reports:
# =====

# Field Variable                                Description
# -----
# 1  Id
# 2  Date
# 3  Sort Date
# 4  Node
# 5  Linkset                                  Val cItpSpLinksetName
# 6  Node Disp Name                           Display name of node from MWTM server
# 7  Linkset Disp Name
# 8  Hours
# 9  Day Str
# 10 Daily Avg In Srv
```



```
# 11 Low In Srv
# 12 Low Hour
# 13 LT Avg In Srv
# 14 Node SGM Id
# 15 Ver
# 16 SP Name
# 17 SP SGM Id
# 18 Daily Avg Snd U
# 19 Daily Avg Rcv U
# 20 Peak Snd U
# 21 Peak Snd Hour
# 22 Peak Recv U
# 23 Peak Recv Hour
# 24 LT Avg Snd U
# 25 LT Avg Rcv U
# =====
```

Linkset Statistics Hourly Format

Archived reports for the MWTM hourly linkset statistics reports use this format:

```
# =====
# Format of Linkset Statistics Hourly Archived Reports:
# =====

# Field Variable                Description
# -----
# 1  Id
# 2  Date
# 3  Sort Date
# 4  Node
# 5  Linkset                    Val cItpSpLinksetName
# 6  Node Disp Name            Display name of node from MWTM server
# 7  Linkset Disp Name        Val cItpSpLinksetDisplayname
# 8  Period
# 9  Day Str
# 10 In Ser                    Percentage of time in service this period
# 11 Avg In Serv              Average percentage of time in service
                               since reboot
# 12 Out Ser                  Percentage of time out of service this period
# 13 Avg Out Serv            Average percentage of time out of service
                               since reboot
# 14 Node SGM Id
# 15 Ver
# 16 SP Name
# 17 SP SGM Id
# 18 Send Erl                  Send utilization this time period. In Erlangs,
                               not percent.
# 19 Recv Erl                  Recv utilization this time period. In Erlangs,
                               not percent.
# 20 LT Send Erl              Long-Term average send utilization. In Erlangs,
                               not percent.
# 21 LT Recv Erl              Long-Term average recv utilization. In Erlangs,
                               not percent.
# =====
```

MLR Aborts and Continues Daily Format

Archived reports for the MWTM multilayer routing (MLR) daily aborts and continues statistics reports use this format:

```
# =====
# Format of MLR Aborts/Continues Stats Daily Archived Reports:
#   Signaling Point Level Statistics
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                Description
# -----
# 1  Id
# 2  Date
# 3  Sort Date
# 4  Node
# 5  Diff Unsup Type            MSUs returned to SCCP due to unsupported msg type
# 6  Diff Unsup Seg            MSUs returned to SCCP due to unsupported segment
# 7  Diff Unsup Msg            MSUs returned to SCCP due to unsupported message
# 8  Diff Parse Error          MSUs returned to SCCP due to parse error
# 9  Diff No Result            MSUs returned to SCCP with no result
# 10 Diff Result Cont          MSUs returned to SCCP with continue result
# 11 Diff No Svr Cont          MSUs returned to SCCP due to no available server
# 12 Diff Result GTT           MSUs returned to SCCP with GTT result
# 13 Diff No Resources         MSUs not processed due to resource shortage
# 14 Diff Result Block         MSUs not processed due to block result
# 15 Diff GTIM is              MSUs not processed due to mismatched GTI
# 16 Diff No Adv Conv          MSUs not processed due to GTA address conversion
# 17 Diff No Dest              MSUs not processed due to destination PC unavail
# 18 Diff Failed Trigger       MSUs returned to SCCP due to no trigger match
# 19 Diff Routed               Number of times a packet was routed by MLR
# 20 Diff Continue            MSUs passed back to SCCP processing
# 21 Diff Abort                MSUs not processed due to invalid data or a
                                blocked MSU
# 22 Diff No Svr Discard       MSUs not processed due to no available server
# 23 Node Disp Name            Display name of node from MWTM server
# 24 Period                    Length of this period in seconds
# 25 Day Str                    Textual value for day (Sun, Mon, etc.)
# 26 Node SGM Id               Internal ID of node in MWTM server
# 27 Ver                        File version
# 28 SP Name                    Display name of signaling point
# 29 SP SGM Id                 Internal ID of signaling point in MWTM server
# =====
```

MLR Processed Statistics Daily Format

Archived reports for the MWTM MLR daily processed statistics reports use this format:

```
# =====
# Format of MLR Processed Statistics Daily Archived Reports:
#   Signaling Point Level Statistics
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                Description
# -----
# 1  Id
# 2  Date
# 3  Sort Date
# 4  Node
```

# 5 Diff Routed	Number of times a packet was routed by MLR
# 6 Diff Continue	MSUs passed back to SCCP processing
# 7 Diff Abort	MSUs not processed due to invalid data or a blocked MSU
# 8 Diff SMS MO	Number of MSUs of type GSM-MAP SMS-MO
# 9 Diff SMS MT	Number of MSUs of type GSM-MAP SMS-MT
# 10 Diff SRI SM	Number of MSUs of type GSM-MAP SRI-SM
# 11 Diff Alert	Number of MSUs of type GSM-MAP AlertSc
# 12 Diff SMD PP	Number of MSUs of type ANSI-41 SMD-PP
# 13 Diff SMS REQ	Number of MSUs of type ANSI-41 SMSRequest
# 14 Diff SMS Notify	Number of MSUs of type ANSI-41 SMSNotify
# 15 Node Disp Name	Display name of node from MWTM server
# 16 Period	Length of this period in seconds
# 17 Day Str	Textual value for day (Sun, Mon, etc.)
# 18 Node SGM Id	Internal ID of node in MWTM server
# 19 Ver	File version
# 20 SP Name	Display name of signaling point
# 21 SP SGM Id	Internal ID of signaling point in MWTM server

=====

MLR Result Invokes Statistics Daily Format

Archived reports for the MWTM MLR daily result invokes statistics reports use this format:

```
# =====
# Format of MLR Result Invokes Statistics Daily Archived Reports:
#   Any value = 999.2 means a math error occurred
# =====
```

# Field Variable	Description
# -----	-----
# 1 Id	
# 2 Date	
# 3 Sort Date	
# 4 Node	
# 5 Result set Name	
# 6 Result Num	Number of results within the result set
# 7 Diff Invoke	
# 8 Node Disp Name	Display name of node from MWTM server
# 9 Period	Length of this period in seconds
# 10 Day Str	Textual value for day (Sun, Mon, etc.)
# 11 Node SGM Id	Internal ID of node in MWTM server
# 12 Ver	File version
# 13 SP Name	Display name of signaling point
# 14 SP SGM Id	Internal ID of signaling point in MWTM server

=====

MLR Rule Matches Statistics Daily Format

Archived reports for the MWTM MLR daily rule matches statistics reports use this format:

```
# =====
# Format of MLR Rule Matches Statistics Daily Archived Reports:
#   Any value = 999.2 means a math error occurred
# =====
```

# Field Variable	Description
# -----	-----
# 1 Id	
# 2 Date	
# 3 Sort Date	

```

# 4 Node
# 5 Ruleset Name
# 6 Rule Num                      Number of rules within the ruleset
# 7 Diff Match
# 8 Node Disp Name                Display name of node from MWTM server
# 9 Period                        Length of this period in seconds
# 10 Day Str                       Textual value for day (Sun, Mon, etc.)
# 11 Node SGM Id                  Internal ID of node in MWTM server
# 12 Ver                           File version
# 13 SP Name                       Display name of signaling point
# 14 SP SGM Id                     Internal ID of signaling point in MWTM server
# =====

```

MLR SubTriggers Daily Format

Archived reports for the MWTM MLR daily subtrigger statistics reports use this format:

```

# =====
# Format of MLR SubTrigger Stats Daily Archived Reports:
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                Description
# -----
# 1 Id
# 2 Date
# 3 Sort Date
# 4 Node
# 5 Table Name                  Name for this collection of MLR configs
# 6 Trigger Num                 Index number for parent trigger statement
# 7 Sub Trigger Num             Index number for each subtrigger statement
# 8 Action                       Action taken by the subtrigger
# 9 Params Str                  Parameters that control the trigger
# 10 Diff Match
# 11 Node Disp Name             Display name of node from MWTM server
# 12 Period                      Length of this period in seconds
# 13 Day Str                     Textual value for day (Sun, Mon, etc.)
# 14 Node SGM Id                 Internal ID of node in MWTM server
# 15 Ver                         File version
# 16 SP Name                     Display name of signaling point
# 17 SP SGM Id                   Internal ID of signaling point in MWTM server
# =====

```

MLR Triggers Daily Format

Archived reports for the MWTM MLR daily trigger statistics reports use this format:

```

# =====
# Format of MLR Trigger Stats Daily Archived Reports:
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                Description
# -----
# 1 Id
# 2 Date
# 3 Sort Date
# 4 Node
# 5 Table Name                  Name for this collection of MLR configs
# 6 Trigger Num                 Index number for each trigger statement

```

```

# 7 Action Action taken by the trigger
# 8 Params Str Parameters that control the trigger
# 9 Active Determines whether trigger is active
# 10 Diff Prel Match Preliminary count of trigger matches
# 11 Diff Match
# 12 Node Disp Name Display name of node from MWTM server
# 13 Period Length of this period in seconds
# 14 Day Str Textual value for day (Sun, Mon, etc.)
# 15 Node SGM Id Internal ID of node in MWTM server
# 16 Ver File version
# 17 SP Name Display name of signaling point
# 18 SP SGM Id Internal ID of signaling point in MWTM server
# =====

```

MSU Rates Load and Peaks Reports Format

Archived reports for the MWTM message signal units (MSU) load and peaks daily, hourly, and 15 minute reports use this format:

```

# =====
# Format of MSU Load and Peaks Archived Reports:
# =====

# Field Variable Description
# -----
# 1 id
# 2 time Stamp Database time stamp value
# 3 node Id Internal MWTM node ID
# 4 node Name
# 5 node Display Name
# 6 processor Slot Number Contains the processor for which this record
# contains data
# 7 processor Bay Number Contains the processor for which this record
# contains data
# 8 acceptable Threshold Level of traffic below which traffic is
# acceptable
# 9 warning Threshold Level of traffic is above acceptable level
# but below a level that impacts MSU routing
# 10 overloaded Threshold Level of traffic indicating a rate that may
# impact MSU routing
# 11 reset Timestamp
# 12 send Duration Warning Number of seconds rate state is warning
# 13 send Duration Overloaded Number of seconds rate state is overloaded
# 14 send Max Rate Maximum value of send rate since time
# specified
# 15 send Max Timestamp Time and date when send max rate was last
# sent
# 16 send Dur 00 to 09 Percent Total number of seconds when the MSU rate for
# this processor was x-x percent of the current
# overloaded threshold value.
# 17 send Dur 10 to 19
# 18 send Dur 20 to 29 Percent
# 19 send Dur 30 to 39 Percent
# 20 send Dur 40 to 49 Percent
# 21 send Dur 50 to 59 Percent
# 22 send Dur 60 to 69 Percent
# 23 send Dur 70 to 79 Percent
# 24 send Dur 80 to 89 Percent
# 25 send Dur 90 or Above
# 26 receive Duration Warning Number of seconds the rate state is warning
# 27 receive Duration Overloaded Number of seconds the rate state is
# overloaded

```

```

# 28 receive Max Rate                Maximum value of receive rate since time
#                                   specified
# 29 receive Max Timestamp            Time and date when receive max rate was
#                                   last set
# 30 receive Dur 00 to 09 Percent     Total number of seconds when the MSU rate
#                                   for this processor was x-x percent of the
#                                   current overloaded threshold value.

# 31 receive Dur 10 to 19
# 32 receive Dur 20 to 29 Percent
# 33 receive Dur 30 to 39 Percent
# 34 receive Dur 40 to 49 Percent
# 35 receive Dur 50 to 59 Percent
# 36 receive Dur 60 to 69 Percent
# 37 receive Dur 70 to 79 Percent
# 38 receive Dur 80 to 89 Percent
# 39 receive Dur 90 or Above

# =====

```

MTP3 Accounting Statistics Daily Format

Archived reports for the MWTM daily MTP3 accounting statistics reports use this format:

```

# =====
# Format of MTP3 Accounting Statistics Daily Archived Reports:
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                      Description
# -----
# 1  Id
# 2  Date
# 3  Sort Date
# 4  Node
# 5  Linkset                          Name of Linkset
# 6  ACL Test                         Passed, failed, or unroutable
# 7  DPC                             Destination point code
# 8  OPC                             Originating point code
# 9  SI                              Service indicator
# 10 Diff Rcvd MSUs                  Number of MSUs sent this period
# 11 Diff Sent MSUs                 Number of MSUs received this period
# 12 Diff Rcvd Bytes                Number of bytes sent this period
# 13 Diff Sent Bytes                Number of bytes received this period
# 14 Node Disp Name                 Display name of node from MWTM server
# 15 Linkset Disp Name              Display name of linkset from ITP
# 16 Diff Up Time
# 17 Day Str                        Textual value for day (Sun, Mon, etc.)
# 18 Node SGM Id                    Internal ID of node in MWTM server
# 19 Ver                            File version
# 20 SP Name                        Name of signaling point from ITP
# 21 SP SGM Id                      Internal ID of signaling point in MWTM server
# =====

```

MTP3 Events Hourly Format

Archived reports for the MWTM hourly MTP3 event reports use this format:

```
# =====
# Format of MTP3 Events Hourly Archived Reports:
# =====

# Field Variable                Description
# -----
# 1  ID
# 2  Date                      Calendar date in Excel import format
# 3  Sort Date                  Calendar date good for sorting
# 4  Node
# 5  Index
# 6  Event Msg
# 7  Node Disp Name            Display name of node from SGM server
# 8  Node SGM Id                Internal ID of node in SGM server
# 9  Day Str                    Day string
# 10 Ver                       File version
# =====
```

Point Code Inventory Format

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

```
# =====
# Format of Point Code Inventory Archived Reports:
# =====

# Field Variable                Description
# -----
# 1  Sig Point
# 2  Point Code
# 3  Node Name
# 4  Node Display Name
# 5  PC Type
# 6  SGM Id
# =====
```

Q.752 Link Statistics Hourly Format



Note

Q.752 link statistics archived reports are not available through the MWTM web interface. You can access these reports in the /opt/CSCOs-gm/reports/exporthourly directory on your server.

Archived reports for the MWTM hourly Q.752 link statistics reports use this format:

```
# =====
# Format of Q752 Link Statistics Hourly Archived Reports:
# Possible values of Link Type are:
#     other(1),serial(2),sctpIp(3),hsl(4),virtual(5)
# Any value = 999.2 means a math error occurred
# =====
```

#	Field Variable	Description
#	-----	-----
# 1	Id	
# 2	Date	
# 3	Sort Date	
# 4	Node	
# 5	cgspLinksetName	
# 6	cgspLinkSlc	
# 7	cgspLinkType (integer)	
# 8	cgspLinkType (text)	
# 9	cgspLinkifIndex	
# 10	cgspLinkQ752T1E1	Number in this period
# 11	cgspLinkQ752T1E2	
# 12	cgspLinkQ752T1E3	
# 13	cgspLinkQ752T1E4*	
# 14	cgspLinkQ752T1E5	
# 15	cgspLinkQ752T1E6*	
# 16	cgspLinkQ752T1E7	
# 17	cgspLinkQ752T1E8	
# 18	cgspLinkQ752T1E9	
# 19	cgspLinkQ752T1E10	
# 20	cgspLinkQ752T1E11	
# 21	cgspLinkQ752T2E1	
# 22	cgspLinkQ752T2E2*	
# 23	cgspLinkQ752T2E3*	
# 24	cgspLinkQ752T2E4*	
# 25	cgspLinkQ752T2E5	
# 26	cgspLinkQ752T2E6	
# 27	cgspLinkQ752T2E7	
# 28	cgspLinkQ752T2E8*	
# 29	cgspLinkQ752T2E9	
# 30	cgspLinkQ752T2E10	
# 31	cgspLinkQ752T2E11*	
# 32	cgspLinkQ752T2E12*	
# 33	cgspLinkQ752T2E13*	
# 34	cgspLinkQ752T2E14*	
# 35	cgspLinkQ752T2E15	
# 36	cgspLinkQ752T2E16	
# 37	cgspLinkQ752T2E17*	
# 38	cgspLinkQ752T2E18	
# 39	cgspLinkQ752T2E19*	
# 40	cgspLinkQ752T3E1	
# 41	cgspLinkQ752T3E2Bytes	
# 42	cgspLinkQ752T3E3	
# 43	cgspLinkQ752T3E4	
# 44	cgspLinkQ752T3E5	
# 45	cgspLinkQ752T3E6	
# 46	cgspLinkQ752T3E7	
# 47	cgspLinkQ752T3E8*	
# 48	cgspLinkQ752T3E9*	
# 49	cgspLinkQ752T3E10L	Number in this period - Sum of L1-L3
# 50	cgspLinkQ752T3E11L	Number in this period - Sum of L1-L3
# 51	Period	
# 52	Ver	
# 53	Day Str	
# 54	Node Disp Name	
# 55	Node SGM Id	
# 56	SP Name (PointCode:cgspInstNetwork)	
# 57	SP SGM Id	
#	=====	

**Note**

Fields marked with an asterisk (*) are unsupported.

Custom Network Reports File Formats

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

- The archived reports for a custom GTT accounting statistics report uses the same format as the daily GTT accounting statistics report, as shown in [GTT Accounting Statistics Daily Format, page I-5](#).
- The archived reports for a custom MLR aborts and continues statistics report uses the same format as the daily MLR aborts and continues statistics report, as shown in [MLR Aborts and Continues Daily Format, page I-10](#).
- The archived reports for a custom MLR processed statistics report uses the same format as the daily MLR processed statistics report, as shown in [MLR Processed Statistics Daily Format, page I-10](#).
- The archived reports for a custom MLR subtriggers statistics report uses the same format as the daily MLR subtriggers statistics report, as shown in [MLR SubTriggers Daily Format, page I-12](#).
- The archived reports for a custom MLR triggers statistics report uses the same format as the daily MLR triggers statistics report, as shown in [MLR Triggers Daily Format, page I-12](#).
- The archived reports for a custom MTP3 accounting statistics report uses the same format as the daily MTP3 accounting statistics report, as shown in [MTP3 Accounting Statistics Daily Format, page I-14](#).
- The archived reports for a custom MTP3 events report uses the same format as the hourly MTP3 events report, as shown in [MTP3 Events Hourly Format, page I-15](#).
- The archived reports for a custom application server accounting statistics summary report uses the same format as the hourly application server accounting statistics report, as shown in [Application Server Statistics Hourly Format, page I-5](#).
- The archived reports for a custom application server process accounting statistics summary report uses the same format as the hourly application server process accounting statistics report, as shown in [Application Server Process Statistics Hourly Format, page I-3](#).
- The archived reports for a custom link statistics summary report uses the same format as the hourly link statistics report, as shown in [Link Statistics Hourly Format, page I-7](#).
- The archived reports for a custom linkset statistics summary report uses the same format as the hourly linkset statistics report, as shown in [Linkset Statistics Hourly Format, page I-9](#).

Rolling Network Reports File Formats

Archived reports for 7-day and 30-day rolling network statistics reports use the same format as the corresponding link, linkset, application server, and application server process statistics reports:

Report Type	Format
7-day: <ul style="list-style-type: none"> • Link statistics summary • Linkset statistics summary • Application server summary • Application server process summary 	<ul style="list-style-type: none"> • Link Statistics Hourly Format, page I-7 • Linkset Statistics Hourly Format, page I-9 • Application Server Statistics Hourly Format, page I-5 • Application Server Process Statistics Hourly Format, page I-3
30-day: <ul style="list-style-type: none"> • Link statistics summary • Linkset statistics summary • Application server summary • Application server process summary 	<ul style="list-style-type: none"> • Link Statistics Daily and Peaks Daily Format, page I-6 • Linkset Statistics Daily and Peaks Daily Format, page I-8 • Application Server Statistics Daily and Peaks Daily Format, page I-4 • Application Server Process Statistics Daily and Peaks Daily Format, page I-2

RAN-O Specific Archived Reports File Formats

This section lists the formats for these RAN-O specific archived reports files:

- [Capacity Summary Backhaul Reports, page I-18](#)
- [Capacity Summary Shorthaul Reports, page I-19](#)
- [Minimum Capacity Backhaul Reports, page I-20](#)
- [Average Capacity Backhaul Reports, page I-20](#)
- [Maximum Capacity Backhaul Reports, page I-21](#)

Capacity Summary Backhaul Reports

Archived reports for the MWTM backhaul daily, hourly, and 15 minutes capacity summary data use this format:

```
# =====
# Format of Backhaul Capacity Summary Archived Reports
#
#
# Field Variables          Description
#
-----
# 1  Title                 Report title
# 2  Object                Object path
# 3  Report Version
```

```
# 4 Start Date
# 5 End Date
# 6 Type
# 7 Errors Timestamp
# 8 Total Errors
# 9 Send Minimum Timestamp
# 10 Send Total Minimum
# 11 Send Average Timestamp
# 12 Send Total Average
# 13 Send Maximum Timestamp
# 14 Send Total Maximum
# 15 Receive Minimum Timestamp
# 16 Receive Total Minimum
# 17 Receive Average Timestamp
# 18 Receive Total Average
# 19 Receive Maximum Timestamp
# 20 Receive Total Maximum
```

Capacity Summary Shorthaul Reports

Archived reports for the MWTM shorthaul daily, hourly, and 15 minutes capacity summary data use this format:

```
# =====
# Format of Shorthaul Capacity Summary Archived Reports
#
#
```

```
# Field Variables          Description
#
```

```
-----
# 1 Title                  Report title
# 2 Object                 Object path
# 3 Report Version
# 4 Start Date
# 5 End Date
# 6 Send Minimum Timestamp
# 7 Send Minimum
# 8 Send Average
# 9 Send Maximum Timestamp
# 10 Send Maximum
# 11 Receive Minimum Timestamp
# 12 Receive Minimum
# 13 Receive Average Timestamp
# 14 Receive Average
# 15 Receive Maximum Timestamp
# 16 Receive Maximum
```

Minimum Capacity Backhaul Reports

Archived reports for the MWTM daily, hourly, and 15 minutes minimum capacity data use this format:

```
# =====
# Format of Backhaul Minimum Capacity Archived Reports
#
#
# Field Variables                Description
#
-----
# 1  Title                      Report title
# 2  Object                    Object path
# 3  Report Version
# 4  Start Date
# 5  End Date
# 6  Name
# 7  Type
# 8  Send Minimum Timestamp
# 9  Send Minimum
# 10 Receive Minimum Timestamp
# 11 Receive Minimum
```

Average Capacity Backhaul Reports

Archived reports for the MWTM daily, hourly, and 15 minutes average capacity data use this format:

```
# =====
# Format of Backhaul Average Capacity Archived Reports
#
#
# Field Variables                Description
#
-----
# 1  Title                      Report title
# 2  Object                    Object path
# 3  Report Version
# 4  Start Date
# 5  End Date
# 6  Name
# 7  Type
# 8  Timestamp
# 9  Send Average
# 10 Receive Average
```

Maximum Capacity Backhaul Reports

Archived reports for the MWTM daily, hourly, and 15 minutes maximum capacity data use this format:

```
# =====  
# Format of Backhaul Maximum Capacity Archived Reports  
#  
#
```

```
# Field Variables          Description  
#
```

```
-----  
# 1 Title                  Report title  
# 2 Object                 Object path  
# 3 Report Version  
# 4 Start Date  
# 5 End Date  
# 6 Name  
# 7 Type  
# 8 Send Maximum Timestamp  
# 9 Send Maximum  
# 10 Receive Maximum Timestamp  
# 10 Receive Maximum
```

