



APPENDIX **A**

Client Object Map Reference

In the Mobile Wireless Transport Manager (MWTM) client navigation tree, if you click on an object in a view, the associated tabs appear in the content area in the right pane. This appendix provides an overview of the tabs available for each MWTM object in a view, and contains:



Note

The MWTM client has a subset of the tabs described in this section.

Object Type	Related Content	Applicable To
Nodes	<ul style="list-style-type: none"> • BWG Node Tabs, page A-2 • CSG1 and CSG2 Node Tabs, page A-3 • CSR Node Tabs, page A-4 • Generic Node Tabs, page A-4 • GGSN Node Tabs, page A-5 • HA Node Tabs, page A-5 • IP-RAN Node Tabs, page A-7 • ITP Node Tabs, page A-7 • Metro Ethernet Node Tabs, page A-8 • mSEF Node Tabs, page A-8 • ONS Node Tabs, page A-9 • PDNGW Node Tabs, page A-9 • SGW Node Tabs, page A-10 • PDSN Node Tabs, page A-11 • RAN Service Card Node Tabs, page A-11 • Unknown Node Tabs, page A-12 	<ul style="list-style-type: none"> • BWG: mSEF networks • CSG1 and CSG2: mSEF networks • CSR: IP-RAN networks • Generic: All networks • GGSN: mSEF networks • HA: mSEF networks • IP-RAN: IP-RAN networks • ITP: ITP networks • Metro Ethernet: IP-RAN networks • mSEF: mSEF networks • ONS: IP-RAN networks • PDNGW: mSEF networks • SGW: mSEF networks • PDSN: mSEF networks • RAN Service: IP-RAN networks • Unknown: All networks

BWG Node Tabs

Object Type	Related Content	Applicable To
Signaling Points	Signaling Point Tabs, page A-13	ITP networks only
Linksets	Linkset Tabs, page A-13	
Links	Link Tabs, page A-14	
Application Servers	Application Server Tabs, page A-14	
Application Server Processes	Application Server Process Tabs, page A-15	
Application Server Process Associations	Application Server Process Association Tabs, page A-15	
Signaling Gateway-Mated Pairs	Signaling Gateway-Mated Pair Tabs, page A-16	
Interfaces	Interface Tabs, page A-16	All networks
Cards	Card Tabs, page A-17	IP-RAN networks
RAN Backhauls	RAN Backhaul Tabs, page A-18	IP-RAN networks
RAN Shorthauls	UMTS and GSM Interface Tabs, page A-17	
PWE3 Backhauls	PWE3 Backhaul Tabs, page A-19	
PWE3 Virtual Circuits	PWE3 Virtual Circuits Tabs, page A-19	
Access Point Names (APN)	Access Point Name Node Tabs, page A-19	mSEF networks
Access Point Name Instance (APMN Instance)	Access Point Name Node Tabs, page A-19	mSEF networks
Folders	Physical and Management Interface Folder Tabs, page A-20	All networks

BWG Node Tabs

Clicking a Broadband Wireless Gateway (BWG) node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54
Statistics	Displaying BWG Real-Time Statistics, page 11-46

Tab	Related Content
HSRP Note This tab is available only for the CSG2 devices having 7600 chassis and the SAMI cards.	Viewing HSRP details, page 8-133
Reports	Viewing Reports, page 13-3

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

CSG1 and CSG2 Node Tabs

Clicking a CSG node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Chassis View	Viewing Chassis View, page 8-136
Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54
Statistics	Displaying CSG2 Real-Time Statistics, page 11-33
HSRP Note This tab is available only for the CSG2 devices having 7600 chassis and the SAMI cards.	Viewing HSRP details, page 8-133
Reports	Viewing Reports, page 13-3

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

CSR Node Tabs

Clicking a Cell Site Router (CSR) node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
PWE3 Statistics	Viewing PWE3 Statistics, page 8-114
Note This tab is only available for CSR nodes operating Pseudo Wires.	
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54
Trap Settings	Viewing Trap Settings, page 8-60
QOS	Displaying QoS Statistics, page 11-100
PWE3 Statistics	Viewing PWE3 Statistics, page 8-114
Reports	Viewing Reports, page 13-3



Note To view all nodes in your system, see [Nodes Table, page 7-5](#).

Generic Node Tabs

Clicking a generic node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Performance	Viewing CPU and Memory Performance, page 8-54
Reports	Viewing Reports, page 13-3

GGSN Node Tabs

Clicking a GGSN node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Chassis View	Viewing Chassis View, page 8-136
Syslog	Viewing the Syslog, page 8-53
Note The syslog tab is available for GGSN R8 and later.	
Performance	Viewing CPU and Memory Performance, page 8-54
Statistics	Displaying GGSN Real-Time Statistics, page 11-60
Note The Statistics tab is available for GGSN R8 and later.	
APN Instances	Viewing APN Instances, page 8-139
HSRP	Viewing HSRP details, page 8-133
Note This tab is available only for the CSG2 devices having 7600 chassis and the SAMI cards.	
Reports	Viewing Reports, page 13-3



Note

To view all nodes in your system, see [Nodes Table, page 7-5](#).

HA Node Tabs

Clicking an HA node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42

Tab	Related Content
Alarms	Viewing Alarms and Recent Events, page 8-42
Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54
Statistics	Displaying HA Real-Time Statistics, page 11-57
HSRP	Viewing HSRP details, page 8-133
Note This tab is available only for the CSG2 devices having 7600 chassis and the SAMI cards.	
Reports	Viewing Reports, page 13-3

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

IP-RAN Node Tabs

Clicking an IP-RAN node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54
PWE3 Statistics	Viewing PWE3 Statistics, page 8-114
Note The PWE3 Statistics tab is only available for devices running Pseudo Wire.	
Reports	Viewing Reports, page 13-3



Note

To view all nodes in your system, see [Nodes Table, page 7-5](#).

ITP Node Tabs

Clicking an IP Transfer Point (ITP) node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54
Trap Settings	Viewing Trap Settings, page 8-60
MTP3 Errors	Viewing ITP MTP3 Errors, page 8-92

Tab	Related Content
MSU Rates Note Only available for ITPs that have an IOS that implements the CISCO-ITP-MSU-RATES-MIB.	Viewing ITP MSU Rates, page 8-93
Non-Stop Operation Note Only available for ITPs with the NSO feature: 7500 or 7600 devices.	Viewing Non-Stop Operation, page 8-94
Reports	Viewing Reports, page 13-3

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

Metro Ethernet Node Tabs

Clicking a Metro Ethernet node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54

mSEF Node Tabs

This is a 7600 supervisor card in a chassis that contains SAMI cards.

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42

Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54
Statistics	Viewing Statistics, page 11-26
Note Only available for mSEF devices supporting Server Load Balancing (SLB).	
Reports	Viewing Reports, page 13-3

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

ONS Node Tabs

Clicking an Optical Networking System (ONS) node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

PDNGW Node Tabs

Clicking a Packet Data Node Gateway (PDNGW) in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Chassis View	Viewing Chassis View, page 8-136

Tab	Related Content
Performance	Viewing CPU and Memory Performance, page 8-54
Statistics	Viewing Statistics, page 11-26
APN Instances	Viewing APN Instances, page 8-139
HSRP	Viewing HSRP details, page 8-133
Note This tab is available only for the CSG2 devices having 7600 chassis and the SAMI cards.	
Reports	Viewing Reports, page 13-3

SGW Node Tabs

Clicking a Serving Gateway (SGW) in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Chassis View	Viewing Chassis View, page 8-136
Performance	Viewing CPU and Memory Performance, page 8-54
Statistics	Viewing Statistics, page 11-26
APN Instances	Viewing APN Instances, page 8-139
HSRP	Viewing HSRP details, page 8-133
Note This tab is available only for the CSG2 devices having 7600 chassis and the SAMI cards.	
Reports	Viewing Reports, page 13-3

PDSN Node Tabs

Clicking a Packet Data Serving Node (PDSN) in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Chassis View	Viewing Chassis View, page 8-136
Performance	Viewing CPU and Memory Performance, page 8-54
Statistics	Viewing Statistics, page 11-26
HSRP	Viewing HSRP details, page 8-133
Note This tab is available only for the CSG2 devices having 7600 chassis and the SAMI cards.	
Reports	Viewing Reports, page 13-3

RAN Service Card Node Tabs

Clicking a Radio Access Network (RAN) Service Card (SVC) node in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Syslog	Viewing the Syslog, page 8-53
Performance	Viewing CPU and Memory Performance, page 8-54
Trap Settings	Viewing Trap Settings, page 8-60
QoS	Displaying QoS Statistics, page 11-100
Reports	Viewing Reports, page 13-3

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

CDT Node Tabs

Clicking a CDT node tab provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

Unknown Node Tabs

**Note**

Unknown nodes will show a performance tab when the unknown node implements the CISCO-PROCESS-MIB and either the CISCO-ENHANCED-MEMPOOL-MIB or CISCO-MEMORY-POOL-MIB.

Clicking a node in a MWTM view with unknown node status provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42

**Note**

To view all nodes in your system, see [Nodes Table, page 7-5](#).

Signaling Point Tabs

Clicking on a signaling point in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
ITP Access Lists	Viewing Route Detail, page 8-118
Route Detail	Viewing Route Detail, page 8-118
GTT MAP Status	Viewing GTT MAP Status, page 8-119
GTT Statistics	Viewing GTT Statistics, page 8-120
MLR Details	Viewing MLR Details, page 8-124
MTP3 Event Log	Viewing the MTP3 Event Log, page 8-123
Reports	Viewing Reports, page 13-3



Note

To view all signaling points in your system, see [Signaling Points Table, page 7-9](#).

Linkset Tabs

Clicking on a linkset in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Linkset Access Lists	Viewing ITP Linkset Access Lists, page 8-116
Reports	Viewing Reports, page 13-3
Statistics	Viewing ITP Linkset Statistics, page 8-116

**Note**

To view all linksets in your system, see [Linksets Table](#), page 7-11.

Link Tabs

Clicking on a link in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details , page 8-9
Notes	Viewing Notes , page 7-43
Troubleshooting	Viewing Troubleshooting , page 8-40
Events	Viewing Alarms and Recent Events , page 8-42
Alarms	Viewing Alarms and Recent Events , page 8-42
Reports	Viewing Reports , page 13-3
Interface Details	Interface Details , page 8-74
Statistics	Statistics: Application Server Process Associations , page 8-83
SCTP Assoc. Config Details	SCTP Association Configuration Details , page 8-79
SCTP Assoc. Stats Details	SCTP Association Statistics Details , page 8-81
Q.752 Measurements	Q.752 Measurements , page 8-77
Status Details	Status Details , page 8-88

**Note**

To view all links in your system, see [Links Table](#), page 7-14.

Application Server Tabs

Clicking on an application server in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details , page 8-9
Status Contributors	Viewing Status Contributors , page 8-7
Notes	Viewing Notes , page 7-43
Troubleshooting	Viewing Troubleshooting , page 8-40
Events	Viewing Alarms and Recent Events , page 8-42
Alarms	Viewing Alarms and Recent Events , page 8-42

Tab	Related Content
Statistics	Statistics: Application Servers, page 8-82
Reports	Viewing Reports, page 13-3

**Note**

To view all application servers in your system, see [Application Servers Table, page 7-15](#).

Application Server Process Tabs

Clicking on an application server process in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42

**Note**

To view all application server processes in your system, see [Application Server Processes Table, page 7-17](#).

Application Server Process Association Tabs

Clicking on an application server process association in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Statistics	Statistics: Application Server Process Associations, page 8-83
SCTP Assoc. Config Details	SCTP Association Configuration Details, page 8-79
SCTP Assoc. Stats Details	SCTP Association Statistics Details, page 8-81
Interface Details	Interface Details, page 8-74
Reports	Viewing Reports, page 13-3

**Note**

To view all application server process associations in your system, see [Application Server Process Associations Table, page 7-19](#).

Signaling Gateway-Mated Pair Tabs

Clicking on a signaling gateway-mated pair in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
SCTP Assoc. Config Details	SCTP Association Configuration Details, page 8-79
SCTP Assoc. Stats Details	SCTP Association Statistics Details, page 8-81
Interface Details	Interface Details, page 8-74

**Note**

To view all signaling gateway-mated pairs in your system, see [Signaling Gateway Mated Pairs Table, page 7-21](#).

Interface Tabs

Clicking on an interface in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Troubleshooting	Viewing Troubleshooting, page 8-40
Interface Performance ¹	Viewing Data for Interfaces, page 8-62
Interface Errors/Discards ²	Viewing Data for Interfaces, page 8-62

Tab	Related Content
Interface Advanced Details ³	Viewing Data for Interfaces, page 8-62
TDM Statistics Note TDM statistics are available only on some interfaces on nodes that implement either the CISCO-ICSUDSU-MIB or RFC1406-MIB.	Viewing TDM Statistics, page 8-100

1. May not be applicable for interfaces that do not collect statistics.
2. May not be applicable for interfaces that do not collect statistics.
3. May not be applicable for interfaces that do not collect statistics.

**Note**

To view all interfaces in your system, see [Interfaces Table, page 7-23](#).

UMTS and GSM Interface Tabs

Clicking on a RAN shorthaul (either UMTS or GSM) in a MWTM view provides you with the following tabs:

Tab	Related Content
Alarms	Viewing Alarms and Recent Events, page 8-42
Details	Viewing Details, page 8-9
Errors	Viewing Shorthaul Errors, page 8-110
Notes	Viewing Notes, page 7-43
Recent Events	Viewing Alarms and Recent Events, page 8-42
Shorthaul Performance	Viewing Shorthaul Performance Data, page 8-105
Shorthaul Errors	Viewing Shorthaul Errors, page 8-110
Status Contributors	Viewing Status Contributors, page 8-7
Troubleshooting	Viewing Troubleshooting, page 8-40

**Note**

To view all interfaces in your system, see [Interfaces Table, page 7-23](#).

Card Tabs

Clicking on a card in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Note Only available when the card has child objects such as interfaces.	
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42

**Note**

To view all cards in your system, see [Cards Table, page 7-25](#).

RAN Backhaul Tabs

Clicking on a RAN backhaul in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
RAN Shorthauls	Viewing RAN Shorthauls, page 8-136
Backhaul Performance	Viewing Backhaul Performance Data, page 8-106 (Real-time data on the MWTM client) Displaying Backhaul Performance Statistics, page 11-28 (Historical data on the MWTM web interface)
Backhaul Errors	Viewing Backhaul Errors, page 8-114 (Real-time data on the MWTM client) Displaying Backhaul Error Statistics, page 11-32 (Historical data on the MWTM web interface)

**Note**

To view all RAN backhauls in your system, see [RAN Backhauls Table, page 7-27](#).

PWE3 Backhaul Tabs

Clicking on a PWE3 backhaul in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
PWE3 Virtual Circuits	PWE3 Virtual Circuits, page 7-33

PWE3 Virtual Circuits Tabs

Clicking on a PWE3 virtual circuit in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
Troubleshooting	Viewing Troubleshooting, page 8-40
PWE3 Statistics	Viewing PWE3 Statistics, page 8-114
Reports	Viewing Reports, page 13-3

Access Point Name Node Tabs

This section provides information about the tabs available for Access Point Name nodes.

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Troubleshooting	Viewing Troubleshooting, page 8-40
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42
APN Instances	Viewing APN Instances, page 8-139

Tab	Related Content
Nodes	Viewing GGSN Nodes, page 8-140
Tools	Using the APN Search Tool, page 8-141

Physical and Management Interface Folder Tabs

The Physical folder that contains a list of the physical interfaces and cards that belong to the node. The Management Interface folder contains a list of interfaces that the MWTM uses to manage the node.

Clicking on a Physical or Management Interface folder in a MWTM view provides you with the following tabs:

Tab	Related Content
Details	Viewing Details, page 8-9
Status Contributors	Viewing Status Contributors, page 8-7
Notes	Viewing Notes, page 7-43
Events	Viewing Alarms and Recent Events, page 8-42
Alarms	Viewing Alarms and Recent Events, page 8-42