



## MWTM MIB Capabilities

The MIB Capability enumeration class lists the MIB capabilities defined for MWTM 6.1.5. These capabilities are described in the following tables:

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- [PDSN MIB Capabilities](#)
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- [SGW MIB Capabilities](#)
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**Table J-1** *BWG MIB Capabilities*

Capability	Description
BWG	This is a BWG device.
BWG2	This is a BWG R2 device.

**Table J-2** *CSG MIB Capabilities*

Capability	Description
CSG	This is a CSG1(CISCO-CSG-MIB) device. This capability checks if csgUserTable is not empty.
CSG2	This is a CSG2 (CISCO-CONTENT-SERVICES-MIB)device.

**Table J-2 CSG MIB Capabilities (continued)**

Capability	Description
CSG2_R2	This is a CSG2 (CISCO-CONTENT-SERVICES-MIB)release 2 device.This capability tests for the ccsLoadStatRadiusStartAllowed.
CSG2_R3	This is a CSG2 (CISCO-CONTENT-SERVICES-MIB) release 3 device.This capability tests for the ccsgsLicenseValueConfigured.
CSG2_R3_5	This is a CSG2 (CISCO-CONTENT-SERVICES-MIB) release 3.5 device.This capability tests for the ccsLoadStatGxEventsAllowed.
CSG2_R4	This is a CSG2 (CISCO-ISCSI-MIB)release 4 device.This capability tests for the cIscsiInstDescr.
CSG2_R4_PHASE2	This is a CSG2 release 4 with Phase 2.This capability tests for ccsBillingPlanStatsTable.
CSG2_R5	This is a CSG2 release 5 with Phase 5.This capability tests the IOS version.
CISCO_MOBILE_POLICY_CHARGING_CONTROL_MIB	Device has a CISCO-MOBILE-CHARGING-CONTROL-MIB.
CISCO_DIAMETER_BASE_PROTOCOL_MIB	Device has a CISCO-DIAMETER-BASE-PROTOCOL-MIB.

**Table J-3 Device Type MIB Capabilities**

Capability	Description
CISCO	This is a Cisco device.
ONS	This is an ONS device.
MWR	This is an MWR device.
SKYLA	This is a SKYLA card.
C2600	This is a 2600 device.
C2941	This is a 2941 device.
C3800	This is a 3800 device.
C7200	This is a 7200 device.
C7300	This is a 7300 device.
C7500	This is a 7500 device.
C7600	This is a 7600 device.
MWAM	This is a MWAM card.
SAMI	This is a SAMI card.
Linux	This is a Linux Box.
ME_SWITCH	This is a 3400 series metro ethernet switch for IP-RAN.

Table J-4 Generic MIB Capabilities

Capability	Description
CISCO_ENHANCED_MEMORY_POOL	Device has a CISCO-ENHANCED-MEMORY-POOL-MIB. <b>Note</b> This capability is set only if compMemPoolTable is not empty.
CISCO_MEMORY_POOL	Device has a CISCO-MEMORY-POOL-MIB.
CISCO_PROCESS_MIB	Device has a CISCO-PROCESS-MIB.
CISCO_ICSUDDSU_MIB	Device has a TDM real time stats MIB.
CISCO_IETF_PW_MIB	Device has a CISCO-IETF-PW-MIB.
CISCO_IETF_PW_MIB_TABLE_NOT_EMPTY	Device has a CISCO-IETF-PW-MIB. <b>Note</b> This capability is set only if cpwVcTable and cpwVcPerfTotalTable are not empty.
CISCO_IP_LOCAL_POOL_MIB	Device has a CISCO-IP-LOCAL-POOL-MIB.
CISCO_ENVMON_TEMPERATURE_MIB	Device has a CISCO_ENVMON_TEMPERATURE_MIB for temperature-specific capability.
CISCO_ENVMON_VOLTAGE_MIB	Device has a CISCO_ENVMON_VOLTAGE_MIB for voltage specific capability.
CISCO_ENVMON_FAN_MIB	Device has a CISCO_ENVMON_FAN_MIB for fan specific capability.
CISCO_ENVMON_SUPPLY_MIB	Device has a CISCO_ENVMON_SUPPLY_MIB for power supply-specific capability.
CISCO_ENTITY_FRU_CONTROL_POWER_MIB	Device has a CISCO-ENTITY-FRU-CONTROL-MIB power status-specific capability.
CISCO_ENTITY_FRU_CONTROL_MODULE_MIB	Device has a CISCO-ENTITY-FRU-CONTROL-MIB module status-specific capability.
CISCO_STACK_MIB	Device has a CISCO-STACK-MIB.
CISCO_AAA_SERVER_MIB	Device has a CISCO-AAA-SERVER-MIB.
SLB_REAL_TABLE	Device has a slbRealTable.
SLB_VIRTUAL_TABLE	Device has a slbVirtualServerTable.
SLB_FT_TABLE	Device has a cslbxFtTable.
IF_MIB	Device has an IF-MIB (ifXTable).
RFC1213	Device has an RFC-1213 MIB.
RFC1406	Device has an RFC-1406 MIB.
CISCO_CLASS_BASED_QOS_MIB	Device has a CISCO-CLASS-BASED-QOS-MIB.
OSPF_MIB	Device has an OSPF-MIB.
CISCO_ENTITY_SENSOR_MIB	Device has a CISCO-ENTITY-SENSOR-MIB.
ETHER_LIKE_MIB	Device has an ETHER-LIKE-MIB.
DOT3_STATS_TABLE_ONLY	Device has ETHER-LIKE-MIB without dot3HCStatsTable.
DOT3_HC_STATS_TABLE	Device has ETHER-LIKE-MIB with dot3HCStatsTable.
SLB_MIB	Device has a CISCO-SLB-MIB.

**Table J-4 Generic MIB Capabilities (continued)**

Capability	Description
IP_RAN	Device has CISCO_IETF_PW_MIB && C7600 capability.
CISCO_HSRP_MIB	Device has a CISCO_HSRP_MIB.

**Table J-5 GGSN MIB Capabilities**

Capability	Description
GGSN	This is a GGSN device.
GGSN8	Device is GGSN release 8 or greater.
SUPERVISES_SAMI	Device is a SUP card supervising one or more SAMI card(s).
MSEF	Device is a SUP card supervising one or more SAMI card(s) for mSEF.
PSD_CLIENT_MIB	Device has a CISCO-PSD-CLIENT-MIB.
GTP_MIB	Device has a CISCO-GTP-MIB.
GPRS_CHARGING_MIB	Device has a CISCO-GPRS-CHARGING-MIB.
GPRS_ACC_PT_MIB	Device has a CISCO-GPRS-ACC-PT-MIB.
GGSN_SERVICE_AWARE_MIB	Device has a CISCO-GGSN-SERVICE-AWARE-MIB.
GGSN_EXT_MIB	Device has a CISCO-GGSN-EXT-MIB.
GGSN8_EXACTLY	This is a GGSN release 8 device.
GGSN9	Device is GGSN release 9 or greater.
GGSN9_EXACTLY	This is a GGSN release 9 device.
GGSN9_1	This is a GGSN release 9.1 device.
GGSN9_2	This is a GGSN release 9.2 device.
CISCO_DIAMETER_BASE_PROTOCOL_MIB	Device has a CISCO-DIAMETER-BASE-PROTOCOL-MIB.
CISCO_IP_LOCAL_POOL_MIB	Device has a CISCO-IP-LOCAL-POOL-MIB.

**Table J-6 Home Agent MIB Capabilities**

Capability	Description
HA	This is a Home Agent release 4 device.
HA5	This is a Home Agent release 5 device.
HA5_1	This is a Home Agent release 5.1 device.
HA5_2	This is a Home Agent release 5.2 device.
RFC2006_MIB	Device has an RFC2006-MIB (mobile IP).
CISCO_MOBILE_IP_MIB_WITH_HA_MAX_BINDINGS	Device has a CISCO-MOBILE-IP-MIB with the cmiHaMaximumBindings variable.

**Table J-7 ITP MIB Capabilities**

<b>Capability</b>	<b>Description</b>
ITP	This is an ITP device.
ITP_SP	Device has a CISCO-ITP-SP-MIB.
ITP_GSP	Device has a CISCO-ITP-GSP-MIB.
ITP_GSP_T1E12	Device has a CISCO-ITP-GSP-MIB with cgsplinkQ752T1E12 object.
ITP_GSCCP_ADDR	Device has a CISCO-ITP-GSCCP-MIB with address table.
ITP_GSP_OFFLOAD	Device has a CISCO-ITP-GSP-MIB with offload feature.
ITP_GSCCP_X_INST	Device has a CISCO-ITP-GSCCP-MIB with cross instance translation.
ITP_MTP3_ERRORS	Device is ITP with MTP3 errors.
ITP_MONITOR	Device is ITP with monitor feature.
ITP_MLR	Device is ITP with MLR feature.
ITP_MLR_ADDR	Device is ITP with address table support.
ITP_MLR_V13	Device is ITP with v1.3 address table support.
ITP_GSP2_REDUN	Device is ITP with Redundancy support.
ITP_MONITOR_NOTIF	Device is ITP with monitor traps.
ITP_DSMR	Device is ITP with DSMR.
ITP_MSU_RATES	Device is ITP with MSU Rates MIB support.
ITP_VIRT_LS	Device is ITP with virtual linkset statistics support.
ITP_GSP2_PROCESSOR_NUMBER	Device is ITP with offload Processor Number to support sami.
ITP_GTT_V31	ITP with GTT File Format Version number 3.1.
ITP_GTT_V40	ITP with GTT File Format Version number 4.0.
ITP_GTT_V41	ITP with GTT File Format Version number 4.1.
ITP_GTT_V42	ITP with GTT File Format Version number 4.2.
ITP_GTT_V43	ITP with GTT File Format Version number 4.3.
ITP_GTT_V44	ITP with GTT File Format Version number 4.4.
ITP_GTT_V45	ITP with GTT File Format Version number 4.5.
ITP_GTT_V46	ITP with GTT File Format Version number 4.6.
TRAIN_MB	Device is an ITP MB train.
TRAIN_12_2_SW	Device is an ITP 12.2 sw train.
TRAIN_7600	Device is an ITP 7600 train.
TRAIN_12_4_SW	Device is an ITP 12.4 SW train.
GTT-TRANS-MIB	ITP that has cgsccpGttTranslatePhysicalIndex object defined.
NetNumber-MIB	Device is ITP NetNumber.
TITAN-MIB	Device is ITP NetNumber with TITAN MIB support.

**Table J-8 RAN MIB Capabilities**

Capability	Description
RANO	Device has a CISCO-IP-RAN-BACKHAUL-MIB.
RANO_BH_SH	Device has a CISCO-IP-RAN-BACKHAUL-MIB with Backhaul Shorthaul table.
RANO_BULK	Device has a CISCO-IP-RAN-BACKHAUL-MIB with Bulk table for SH stats.
RANO_OPTIMIZED_FLAG	Device has a CISCO-IP-RAN-BACKHAUL-MIB with Optimized Flag.
IP_RAN	Device is a 7600 with the CISCO-IETF-PW-MIB.
CSR_NO_RANO	Device is a 2941 with no CISCO-IP-RAN-BACKHAUL-MIB

**Table J-9 PDSN MIB Capabilities**

Capability	Description
PDSN	This is a PDSN Release 5 device.
CISCO_VPDN_MGMT_MIB	Device has a CISCO-VPDN-MGMT-MIB.
CISCO_VPDN_MGMT_EXT_MIB	Device has a CISCO-VPDN-EXT-MIB.
CISCO_CDMA_AHDLC_MB	Device has a CISCO_CDMA_AHDLC_MIB.
CISCO_IP_LOCAL_POOL_MIB	Device has a CISCO-IP-LOCAL-POOL-MIB.
RFC2006-MIB	Device has an RFC2006-MIB.

**Table J-10 PDNGW MIB Capabilities**

Capability	Description
PDNGW	This is a PDNGW device.

**Table J-11 SGW MIB Capabilities**

Capability	Description
SGW	This is a SGW device.

**Table J-12 PCRF MIB Capabilities**

Capability	Description
PCRF	This is a PCRF device.