



## 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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**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.<br><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_ICSUDDU_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.<br><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

| Capability                | Description   |
|---------------------------|---|
| 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 cgscpcGttTranslatePhysicalIndex 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. |