CBT MIB

-- Parameters group

-- Interface Group Managed Objects

-- Physical interface table

-- Tunnel interface table

-- Physical Group Table

-- Child Interface Table

-- Neighbouring Routers Table

-- CoreSet Table

-- Forwarding Information Base (FIB) Table

-- Statistics group

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-- Parameters group
--

cbtEchoTimer**Timer value for child to periodically send the Echo Requests.**

cbtRouterStatus
Force a router to be a core, non core or don't care

cbtParentTimeout
How long an upstream branch is considered alive without confirmation.

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-- Interface Group Managed Objects
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cbtIfIndex
Interface identifier

cbtIfState
Current state of the CBT interface.

cbtIfDataMode
Optimization mode (native or cbt)

cbtIfInDataPkts
Number of CBT data messages received

cbtIfOutDataPkts
Number of CBT data messages sent

cbtIfDroppedDataPkts
Number of data messages received that could not be read

cbtIfInControlPkts
Number of CBT control messages received

cbtIfOutControlPkts
Number of CBT control messages sent

cbtIfDroppedControlPkts
Number of control packets that could not be interpreted

cbtIfMetric
Cost of the interface.

cbtIfAddress
Local address of this interface.

cbtIfName
Name of the interface.

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-- Physical interface table
--

cbtPhysIfIndex
This is the interface identifier

cbtPhySubNetAddress
Subnet number of this interface.

cbtPhySubNetMask
Subnet mask of this interface.

cbtPhySubNetBCastAddress
Subnet broadcast address of this interface.

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-- Tunnel interface table
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cbtTunnelIfIndex
Interace identifier

cbtTunnelRemoteAddress
Remote address of the tunnel

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-- Physical Group Table
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cbtGroupIfIndex
Interface identifier

cbtGroupAddress
Address of the local group physical interface.

cbtGroupTimer
Timer that times out the entry in the group.

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-- Child Interface Table
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cbtChildIfTable
CBT child table.

cbtChildIfEntry
Row of cbtChildifTable.

cbtChildIfMcastGroup
Multicast group address

cbtChildNeighBourIndex
Index into Neighbour Table

cbtChildIfIndex
Index into Interface Table

cbtChildIfState
State of the interface

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-- Neighbouring Routers Table
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cbtNeighbourTable
Table of neighbouring
routers for interfaces
(tunnels and physical interfaces).

cbtNeighBourEntry
Row of neighbour table.

cbtNeighBourIfIndex
Interface identifier

cbtNeighBourAddress
Neighbour address

cbtNeighBourTimer
Timer that times out the
neighbour entry.

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-- CoreSet Table
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cbtCoreSetAddress
Address of the core

cbtCoreSetIdx
Set number for this core

cbtCoreSetPrimary
True if primary core

cbtCoreSetTarget
True if targert core

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-- Forwarding Information Base (FIB) Table
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cbtFibMcastGroup
Multicast group id

cbtFibCoreSetIdx
Core Set for this fib

cbtFibState
State of the route

cbtFibParentIndex
Index into cbtNeighbourTable

cbtFibParentIfIndex
Index into cbtInterfaceTable

cbtFibInDataPkts
Number of data packets
received by this fib

cbtFibOutDataPkts
Number of data packets
sent by this fib

cbtFibDroppedDataPkts
Number of data packets in this
fib that could not be read

cbtFibInControlPkts
Number of control messages
received by this fib

cbtFibOutControlPkts
Number of control messages sent by this fib

cbtFibDroppedControlPkts
Number of control messages in this fib that could not be interpreted

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-- Statistics group
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cbtFibEntryCount
FIB entries
cbtNeighbourCount
CBT router neighbours
cbtBadCheckSumCount
CBT bad checksum packets
cbtBadVersionCount
CBT bad version packets
cbtOffTreeCount
CBT packets where on tree bits should have been set
cbtBadHeaderCount
CBT bad header packets
cbtDataPktRcvCount
CBT data packets received
cbtDataPktFwdCount
CBT data packets forwarded
cbtDataPktDroppedCount
CBT data packets dropped
cbtControlPktRcvCount
CBT control packets received
cbtControlPktFwdCount
CBT control packets forwarded
cbtControlPktDroppedCount
CBT control packets dropped