

SNMP RMON Standard
RFC1271 and RFC1513

1.3.6.1.2.1.16 iso.org.dod.internet.mgmt.mib-2.rmon

1 statistics

1.1 etherStatsTable
etherStats Entry

- 1 etherStatsIndex
- 2 etherStatsDataSource
- 3 etherStatsDropEvents
- 4 etherStatsOctets
- 5 etherStatsPkts
- 6 etherStatsBroadcastPkts
- 7 etherStatsMulticastPkts
- 8 etherStatsCRCAlignErrors
- 9 etherStatsUndersizePkts
- 10 etherStatsOversizePkts
- 11 etherStatsFragments
- 12 etherStatsJabbers
- 13 etherStatsCollisions
- 14 etherStatsPkts64Octets
- 15 etherStatsPkts65to127Octets
- 16 etherStatsPkts128to255Octets
- 17 etherStatsPkts256to511Octets
- 18 etherStatsPkts512to1023Octets
- 19 etherStatsPkts1024to1518Octets
- 20 etherStatsOwner
- 21 etherStatsStatus

2.1 tokenRingMLStatsTable
tokenRingMLStatsEntry

- 1 tokenRingMLStatsIndex
- 2 tokenRingMLStatsDataSource
- 3 tokenRingMLStatsDropEvents
- 4 tokenRingMLStatsMacOctets
- 5 tokenRingMLStatsMacPkts
- 6 tokenRingMLStatsRingPurgeEvents
- 7 tokenRingMLStatsRingPurgePkts
- 8 tokenRingMLStatsBeaconEvents
- 9 tokenRingMLStatsBeaconTime
- 10 tokenRingMLStatsBeaconPkts
- 11 tokenRingMLStatsClaimTokenEvents
- 12 tokenRingMLStatsClaimTokenPkts
- 13 tokenRingMLStatsNAUNCHanges
- 14 tokenRingMLStatsLineErrors
- 15 tokenRingMLStatsInternalErrors
- 16 tokenRingMLStatsBurstErrors
- 17 tokenRingMLStatsACErrors
- 18 tokenRingMLStatsAbortErrors
- 19 tokenRingMLStatsLostFrameErrors
- 20 tokenRingMLStatsCongestionErrors
- 21 tokenRingMLStatsFrameCopiedErrors
- 22 tokenRingMLStatsFrequencyErrors
- 23 tokenRingMLStatsTokenErrors
- 24 tokenRingMLStatsSoftErrorReports
- 25 tokenRingMLStatsRingPollEvents
- 26 tokenRingMLStatsOwner
- 27 tokenRingMLStatsStatus

3.1 tokenRingPStatsTable
tokenRingPStatsEntry

- 1 tokenRingPStatsIndex
- 2 tokenRingPStatsDataSource
- 3 tokenRingPStatsDropEvents
- 4 tokenRingPStatsDataOctets
- 5 tokenRingPStatsDataPkts
- 6 tokenRingPStatsDataBroadcastPkts
- 7 tokenRingPStatsDataMulticastPkts

- 8 tokenRingPStatsDataPkts18to63Octets
- 9 tokenRingPStatsDataPkts64to127Octets
- 10 tokenRingPStatsDataPkts128to255Octets
- 11 tokenRingPStatsDataPkts256to511Octets
- 12 tokenRingPStatsDataPkts512to1023Octets
- 13 tokenRingPStatsDataPkts1024to2047Octets
- 14 tokenRingPStatsDataPkts2048to4095Octets
- 15 tokenRingPStatsDataPkts4096to8191Octets
- 16 tokenRingPStatsDataPkts8192to18000Octets
- 17 tokenRingPStatsDataPktsGreaterThan18000Octets
- 18 tokenRingPStatsOwner
- 19 tokenRingPStatsStatus

2 history

1.1 historyControlTable
historyControlEntry

- 1 historyControlIndex
- 2 historyControlDataSource
- 3 historyControlBucketsRequested
- 4 historyControlBucketsGranted
- 5 historyControlInterval
- 6 historyControlOwner
- 7 historyControlStatus

2.1 etherHistoryTable
etherHistoryEntry

- 1 etherHistoryIndex
- 2 etherHistorySampleIndex
- 3 etherHistoryIntervalStart
- 4 etherHistoryDropEvents
- 5 etherHistoryOctets
- 6 etherHistoryPkts
- 7 etherHistoryBroadcastPkts
- 8 etherHistoryMulticastPkts
- 9 etherHistoryCRCAlignErrors
- 10 etherHistoryUndersizePkts
- 11 etherHistoryOversizePkts
- 12 etherHistoryFragments
- 13 etherHistoryJabbers
- 14 etherHistoryCollisions
- 15 etherHistoryUtilization

3.1 tokenRingMLHistoryTable
tokenRingMLHistoryEntry

- 1 tokenRingMLHistoryIndex
- 2 tokenRingMLHistorySampleIndex
- 3 tokenRingMLHistoryIntervalStart
- 4 tokenRingMLHistoryDropEvents
- 5 tokenRingMLHistoryMacOctets
- 6 tokenRingMLHistoryMacPkts
- 7 tokenRingMLHistoryRingPurgeEvents
- 8 tokenRingMLHistoryRingPurgePkts
- 9 tokenRingMLHistoryBeaconEvents
- 10 tokenRingMLHistoryBeaconTime
- 11 tokenRingMLHistoryBeaconPkts
- 12 tokenRingMLHistoryClaimTokenEvents
- 13 tokenRingMLHistoryClaimTokenPkts
- 14 tokenRingMLHistoryNAUNCHanges
- 15 tokenRingMLHistoryLineErrors
- 16 tokenRingMLHistoryInternalErrors
- 17 tokenRingMLHistoryBurstErrors
- 18 tokenRingMLHistoryACErrors
- 19 tokenRingMLHistoryAbortErrors
- 20 tokenRingMLHistoryLostFrameErrors
- 21 tokenRingMLHistoryCongestionErrors
- 22 tokenRingMLHistoryFrameCopiedErrors
- 23 tokenRingMLHistoryFrequencyErrors
- 24 tokenRingMLHistoryTokenErrors
- 25 tokenRingMLHistorySoftErrorReports
- 26 tokenRingMLHistoryRingPollEvents
- 27 tokenRingMLHistoryActiveStations

4.1 tokenRingPHistoryTable
tokenRingPHistoryEntry

- 1 tokenRingPHistoryIndex
- 2 tokenRingPHistorySampleIndex
- 3 tokenRingPHistoryIntervalStart
- 4 tokenRingPHistoryDropEvents
- 5 tokenRingPHistoryDataOctets
- 6 tokenRingPHistoryDataPkts
- 7 tokenRingPHistoryDataBroadcastPkts
- 8 tokenRingPHistoryDataMulticastPkts
- 9 tokenRingPHistoryDataPkts18to63Octets
- 10 tokenRingPHistoryDataPkts64to127Octets
- 11 tokenRingPHistoryDataPkts128to255Octets
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- 13 tokenRingPHistoryDataPkts512to1023Octets
- 14 tokenRingPHistoryDataPkts1024to2047Octets
- 15 tokenRingPHistoryDataPkts2048to4095Octets
- 16 tokenRingPHistoryDataPkts4096to8191Octets
- 17 tokenRingPHistoryDataPkts8192to18000Octets
- 18 tokenRingPHistoryDataPktsGreaterThan18000Octets

3 alarm

1.1 alarmTable
alarmEntry

- | | |
|---------------------|---------------------------|
| 1 alarmIndex | 7 alarmRisingThreshold |
| 2 alarmInterval | 8 alarmFallingThreshold |
| 3 alarmVariable | 9 alarmRisingEventIndex |
| 4 alarmSampleType | 10 alarmFallingEventIndex |
| 5 alarmValue | 11 alarmOwner |
| 6 alarmStartupAlarm | 12 alarmStatus |

4 host

1.1 hostControlTable
hostControlEntry

- 1 hostControlIndex
- 2 hostControlDataSource
- 3 hostControlTableSize
- 4 hostControlLastDeleteTime
- 5 hostControlOwner
- 6 hostControlStatus

2.1 hostTable
hostEntry

- 1 hostAddress
- 2 hostCreationOrder
- 3 hostIndex
- 4 hostInPkts
- 5 hostOutPkts
- 6 hostInOctets
- 7 hostOutOctets
- 8 hostOutErrors
- 9 hostOutBroadcastPkts
- 10 hostOutMulticastPkts

3.1 hostTimeTable
hostTimeEntry

- 1 hostTimeAddress
- 2 hostTimeCreationOrder
- 3 hostTimeIndex
- 4 hostTimeInPkts
- 5 hostTimeOutPkts
- 6 hostTimeInOctets
- 7 hostTimeOutOctets
- 8 hostTimeOutErrors
- 9 hostTimeOutBroadcastPkts
- 10 hostTimeOutMulticastPkts

5 hostTopN

1.1 hostTopNControlTable
hostTopNControlEntry

- 1 hostTopNControlIndex
- 2 hostTopNHostIndex
- 3 hostTopNRateBase
- 4 hostTopNTimeRemaining
- 5 hostTopNDuration
- 6 hostTopNRequestedSize
- 7 hostTopNGrantedSize
- 8 hostTopNStartTime
- 9 hostTopNOwner
- 10 hostTopNStatus

2.1 hostTopNTable
hostTopNEntry

- 1 hostTopNReport
- 2 hostTopNIndex
- 3 hostTopNAddress
- 4 hostTopNRate

6 matrix

1.1 matrixControlTable matrixControlEntry		
1	matrixControlIndex	
2	matrixControlDataSource	
3	matrixControlTableSize	
4	matrixControlLastDeleteTime	
5	matrixControlOwner	
6	matrixControlStatus	
2.1 matrixSDTable matrixSDEntry	3.1 matrixDSTable matrixDSEntry	
1	matrixSDSourceAddress	1 matrixDSSourceAddress
2	matrixSDDestAddress	2 matrixDSDestAddress
3	matrixSDIndex	3 matrixDSIndex
4	matrixSDPkts	4 matrixDSPkts
5	matrixSDOctets	5 matrixDSOctets
6	matrixSDErrors	6 matrixDSErrors

7 filter

1.1 filterTable filterEntry		
1	filterIndex	
2	filterChannelIndex	
3	filterPktDataOffset	
4	filterPktData	
5	filterPktDataMask	
6	filterPktDataNotMask	
7	filterPktStatus	
8	filterPktStatusMask	
9	filterPktStatusNotMask	
10	filterOwner	
11	filterStatus	
2.1 channelTable channelEntry		
1	channelIndex	
2	channelIfIndex	
3	channelAcceptType	
4	channelDataControl	
5	channelTurnOnEventIndex	
6	channelTurnOffEventIndex	
7	channelEventIndex	
8	channelEventStatus	
9	channelMatches	
10	channelDescription	
11	channelOwner	
12	channelStatus	

8 capture

1.1 bufferControlTable bufferControlEntry		
1	bufferControlIndex	
2	bufferControlChannelIndex	
3	bufferControlFullStatus	
4	bufferControlFullAction	
5	bufferControlCaptureSliceSize	
6	bufferControlDownloadSliceSize	
7	bufferControlDownloadOffset	
8	bufferControlMaxOctetsRequested	
9	bufferControlMaxOctetsGranted	
10	bufferControlCapturedPackets	
11	bufferControlTurnOnTime	
12	bufferControlOwner	
13	bufferControlStatus	
2.1 captureBufferTable captureBufferEntry		
1	captureBufferControlIndex	
2	captureBufferIndex	
3	captureBufferPacketID	
4	captureBufferPacketData	
5	captureBufferPacketLength	
6	captureBufferPacketTime	
7	captureBufferPacketStatus	

9 event

1.1 eventTable eventEntry	2.1 logTable logEntry
1	eventIndex
2	eventDescription
3	eventType
4	eventCommunity
5	eventLastTimeSent
6	eventOwner
7	eventStatus

10 tokenRing

1.1 ringStationControlTable ringStationControlEntry		
1	ringStationControlIfIndex	
2	ringStationControlTableSize	
3	ringStationControlActiveStations	
4	ringStationControlRingState	
5	ringStationControlBeaconSender	
6	ringStationControlBeaconNAUN	
7	ringStationControlActiveMonitor	
8	ringStationControlOrderChanges	
9	ringStationControlOwner	
10	ringStationControlStatus	
2.1 ringStationTable ringStationEntry		
1	ringStationIfIndex	
2	ringStationMacAddress	
3	ringStationLastNAUN	
4	ringStationStationStatus	
5	ringStationLastEnterTime	
6	ringStationLastExitTime	
7	ringStationDuplicateAddresses	
8	ringStationInLineErrors	
9	ringStationOutLineErrors	
10	ringStationInternalErrors	
11	ringStationInBurstErrors	
12	ringStationOutBurstErrors	
13	ringStationACErrors	
14	ringStationAbortErrors	
15	ringStationLostFrameErrors	
16	ringStationCongestionErrors	
17	ringStationFrameCopiedErrors	
18	ringStationFrequencyErrors	
19	ringStationTokenErrors	
20	ringStationInBeaconErrors	
21	ringStationOutBeaconErrors	
22	ringStationInsertions	
3.1 ringStationOrderTable ringStationOrderEntry		
1	ringStationOrderIfIndex	
2	ringStationOrderOrderIndex	
3	ringStationOrderMacAddress	
4.1 ringStationConfigControlTable ringStationConfigControlEntry		
1	ringStationConfigControlIfIndex	
2	ringStationConfigControlMacAddress	
3	ringStationConfigControlRemove	
4	ringStationConfigControlUpdateStats	

5.1 ringStationConfigTable ringStationConfigEntry		
1	ringStationConfigIfIndex	
2	ringStationConfigMacAddress	
3	ringStationConfigUpdateTime	
4	ringStationConfigLocation	
5	ringStationConfigMicrocode	
6	ringStationConfigGroupAddress	
7	ringStationConfigFunctionalAddress	
6.1 sourceRoutingStatsTable sourceRoutingStatsEntry		
1	sourceRoutingStatsIfIndex	
2	sourceRoutingStatsRingNumber	
3	sourceRoutingStatsInFrames	
4	sourceRoutingStatsOutFrames	
5	sourceRoutingStatsThroughFrames	
6	sourceRoutingStatsAllRoutesBroadcastFrames	
7	sourceRoutingStatsSingleRouteBroadcastFrames	
8	sourceRoutingStatsInOctets	
9	sourceRoutingStatsOutOctets	
10	sourceRoutingStatsThroughOctets	
11	sourceRoutingStatsAllRoutesBroadcastOctets	
12	sourceRoutingStatsSingleRoutesBroadcastOctets	
13	sourceRoutingStatsLocalLLCFrames	
14	sourceRoutingStats1HopFrames	
15	sourceRoutingStats2HopsFrames	
16	sourceRoutingStats3HopsFrames	
17	sourceRoutingStats4HopsFrames	
18	sourceRoutingStats5HopsFrames	
19	sourceRoutingStats6HopsFrames	
20	sourceRoutingStats7HopsFrames	
21	sourceRoutingStats8HopsFrames	
22	sourceRoutingStatsMoreThan8HopsFrames	
23	sourceRoutingStatsOwner	
24	sourceRoutingStatsStatus	

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