How to enable and set RIP with SNMP command

The following the command enables RIP on the interface, IP address is 192.168.1.24.

```
#snmpset -v 2c -c private 192.168.1.24 1.3.6.1.4.1.171.11.70.6.3.1.1.1.0
i 3
#snmpset -v 2c -c private 192.168.1.24 1.3.6.1.2.1.23.3.1.2.192.168.1.24
x 0x0000 1.3.6.1.2.1.23.3.1.3.192.168.1.24 i 1
1.3.6.1.2.1.23.3.1.5.192.168.1.24 i 4
1.3.6.1.2.1.23.3.1.6.192.168.1.24 i 2
1.3.6.1.2.1.23.3.1.7.192.168.1.24 i 0
1.3.6.1.2.1.23.3.1.8.192.168.1.24 i 1
1.3.6.1.2.1.23.3.1.9.192.168.1.24 a 192.168.1.24
```
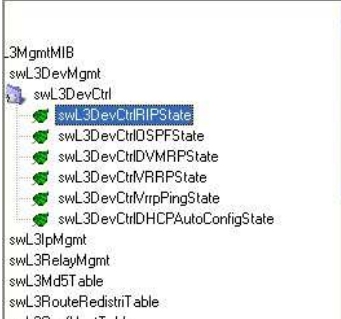
Please refer the following the description for RIP

Screenshot 1

MIB Tree
- iso
  - rip2
    - rip2Globals
      - **rip2GlobalRouteChanges**
      - rip2GlobalQueries
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps
- Type Assignments
  - No Type Assignments
- Textual Conventions
  - RowStatus
  - RouteTag

Object name	rip2GlobalRouteChanges
Object ID	1.3.6.1.2.1.23.1.1
Module	RIPv2-MIB
Base syntax	Counter
Composed syntax	Counter32
Access	Read-Only
Status	Current
Parent node	rip2Globals
First child	None
Description	The number of route changes made to the IP Route Database by RIP. This does not include the refresh of a route's age.

Screenshot 2

MIB Tree
- iso
  - rip2
    - rip2Globals
      - rip2GlobalRouteChanges
      - **rip2GlobalQueries**
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps
- Type Assignments
  - No Type Assignments

Object name	rip2GlobalQueries
Object ID	1.3.6.1.2.1.23.1.2
Module	RIPv2-MIB
Base syntax	Counter
Composed syntax	Counter32
Access	Read-Only
Status	Current
Parent node	rip2Globals
First child	None
Description	The number of responses sent to RIP queries from other systems.

Screenshot 3

MIB Tree
- iso
  - rip2
    - rip2Globals
    - **rip2IfStatTable**
      - rip2IfStatEntry
        - rip2IfStatAddress
        - rip2IfStatRcvBadPackets
        - rip2IfStatRcvBadRoutes
        - rip2IfStatSentUpdates
        - rip2IfStatStatus
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps
- Type Assignments

Object name	rip2IfStatTable
Object ID	1.3.6.1.2.1.23.2
Module	RIPv2-MIB
Base syntax	Sequence Of rip2IfStatEntry
Access	Not_Accessible
Status	Current
Sequence	1:rip2IfStatAddress - IP Address 2:rip2IfStatRcvBadPackets - Counter 3:rip2IfStatRcvBadRoutes - Counter 4:rip2IfStatSentUpdates - Counter 5:rip2IfStatStatus - Integer
Parent node	rip2
First child	rip2IfStatEntry
Description	A list of subnets which require separate status monitoring in RIP.

Screenshot 4

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
      - **rip2IfStatEntry**
        - rip2IfStatAddress
        - rip2IfStatRcvBadPackets
        - rip2IfStatRcvBadRoutes
        - rip2IfStatSentUpdates
        - rip2IfStatStatus
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 T...

Object name	rip2IfStatEntry
Object ID	1.3.6.1.2.1.23.2.1
Module	RIPv2-MIB
Base syntax	Sequence
Access	Not_Accessible
Status	Current
Index	1.rip2IfStatAddress
Parent node	rip2IfStatTable
First child	rip2IfStatAddress
Description	A Single Routing Domain in a single Subnet.

Screenshot 5

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
      - rip2IfStatEntry
        - **rip2IfStatAddress**
        - rip2IfStatRcvBadPackets
        - rip2IfStatRcvBadRoutes
        - rip2IfStatSentUpdates
        - rip2IfStatStatus
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps

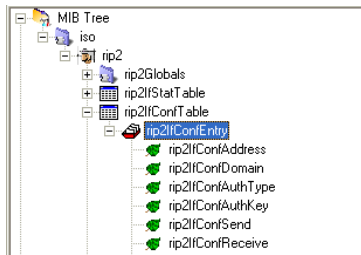|	
Object name	rip2IfStatAddress
Object ID	1.3.6.1.2.1.23.2.1.1
Module	RIPv2-MIB
Base syntax	IP Address
Composed syntax	IpAddress
Access	Read-Only
Status	Current
Parent node	rip2IfStatEntry
First child	None
Description	The IP Address of this system on the indicated subnet. For unnumbered interfaces, the value 0.0.0.N, where the least significant 24 bits (N) is the ifIndex for the IP Interface in network byte order.

Panel 1

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
      - rip2IfStatEntry
        - rip2IfStatAddress
        - **rip2IfStatRcvBadPackets**
        - rip2IfStatRcvBadRoutes
        - rip2IfStatSentUpdates
        - rip2IfStatStatus
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps
- Type Assignments

Field	Value
Object name	rip2IfStatRcvBadPackets
Object ID	1.3.6.1.2.1.23.2.1.2
Module	RIPv2-MIB
Base syntax	Counter
Composed syntax	Counter32
Access	Read-Only
Status	Current
Parent node	rip2IfStatEntry
First child	None
Description	The number of RIP response packets received by the RIP process which were subsequently discarded for any reason (e.g. a version 0 packet, or an unknown command type).

Panel 2

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
      - rip2IfStatEntry
        - rip2IfStatAddress
        - rip2IfStatRcvBadPackets
        - **rip2IfStatRcvBadRoutes**
        - rip2IfStatSentUpdates
        - rip2IfStatStatus
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance

Field	Value
Object name	rip2IfStatRcvBadRoutes
Object ID	1.3.6.1.2.1.23.2.1.3
Module	RIPv2-MIB
Base syntax	Counter
Composed syntax	Counter32
Access	Read-Only
Status	Current
Parent node	rip2IfStatEntry
First child	None
Description	The number of routes, in valid RIP packets, which were ignored for any reason (e.g. unknown address family, or invalid metric).

Panel 3

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
      - rip2IfStatEntry
        - rip2IfStatAddress
        - rip2IfStatRcvBadPackets
        - rip2IfStatRcvBadRoutes
        - **rip2IfStatSentUpdates**
        - rip2IfStatStatus
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps
- Type Assignments

Field	Value
Object name	rip2IfStatSentUpdates
Object ID	1.3.6.1.2.1.23.2.1.4
Module	RIPv2-MIB
Base syntax	Counter
Composed syntax	Counter32
Access	Read-Only
Status	Current
Parent node	rip2IfStatEntry
First child	None
Description	The number of triggered RIP updates actually sent on this interface. This explicitly does NOT include full updates sent containing new information.

Panel 4

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
      - rip2IfStatEntry
        - rip2IfStatAddress
        - rip2IfStatRcvBadPackets
        - rip2IfStatRcvBadRoutes
        - rip2IfStatSentUpdates
        - **rip2IfStatStatus**
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps
- Type Assignments
  - No Type Assignments
- Textual Conventions

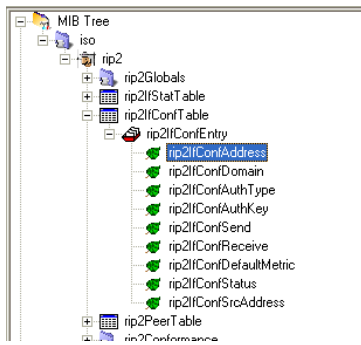| Field	Value
Object name	rip2IfStatStatus
Object ID	1.3.6.1.2.1.23.2.1.5
Module	RIPv2-MIB
Base syntax	Integer
Composed syntax	RowStatus
Access	Read-Create
Status	Current
Value list	1 : active(1) 2 : notInService(2) 3 : notReady(3) 4 : createAndGo(4) 5 : createAndWait(5) 6 : destroy(6)
Parent node	rip2IfStatEntry
First child	None
Description	Writing invalid has the effect of deleting this interface.

Panel 5

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - **rip2IfConfTable**
      - rip2IfConfEntry
        - rip2IfConfAddress
        - rip2IfConfDomain
        - rip2IfConfAuthType
        - rip2IfConfAuthKey
        - rip2IfConfSend
        - rip2IfConfReceive
        - rip2IfConfDefaultMetric
        - rip2IfConfStatus
        - rip2IfConfSrcAddress
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps
- Type Assignments

Field	Value
Object name	rip2IfConfTable
Object ID	1.3.6.1.2.1.23.3
Module	RIPv2-MIB
Base syntax	Sequence Of rip2IfConfEntry
Access	Not_Accessible
Status	Current
Sequence	1:rip2IfConfAddress - IP Address 2:rip2IfConfDomain - Octet String 3:rip2IfConfAuthType - Integer 4:rip2IfConfAuthKey - Octet String 5:rip2IfConfSend - Integer 6:rip2IfConfReceive - Integer 7:rip2IfConfDefaultMetric - Integer 8:rip2IfConfStatus - Integer 9:rip2IfConfSrcAddress - IP Address
Parent node	rip2
First child	rip2IfConfEntry
Description	A list of subnets which require separate configuration in RIP.

MIB Tree — iso → rip2 → rip2Globals, rip2IfStatTable, rip2IfConfTable → **rip2IfConfEntry** → rip2IfConfAddress, rip2IfConfDomain, rip2IfConfAuthType, rip2IfConfAuthKey, rip2IfConfSend, rip2IfConfReceive

Object name	rip2IfConfEntry
Object ID	1.3.6.1.2.1.23.3.1
Module	RIPv2-MIB
Base syntax	Sequence
Access	Not_Accessible
Status	Current
Index	1.rip2IfConfAddress
Parent node	rip2IfConfTable
First child	rip2IfConfAddress
Description	A Single Routing Domain in a single Subnet.

MIB Tree — iso → rip2 → rip2Globals, rip2IfStatTable, rip2IfConfTable → rip2IfConfEntry → **rip2IfConfAddress**, rip2IfConfDomain, rip2IfConfAuthType, rip2IfConfAuthKey, rip2IfConfSend, rip2IfConfReceive, rip2IfConfDefaultMetric, rip2IfConfStatus, rip2IfConfSrcAddress → rip2PeerTable, rip2Conformance

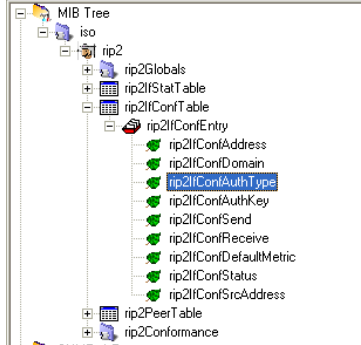|	
Object name	rip2IfConfAddress
Object ID	1.3.6.1.2.1.23.3.1.1
Module	RIPv2-MIB
Base syntax	IP Address
Composed syntax	IpAddress
Access	Read-Only
Status	Current
Parent node	rip2IfConfEntry
First child	None
Description	The IP Address of this system on the indicated subnet. For unnumbered interfaces, the value 0.0.0.N, where the least significant 24 bits (N) is the ifIndex for the IP Interface in network byte order.

MIB Tree — iso → rip2 → rip2Globals, rip2IfStatTable, rip2IfConfTable → rip2IfConfEntry → rip2IfConfAddress, **rip2IfConfDomain**, rip2IfConfAuthType, rip2IfConfAuthKey, rip2IfConfSend, rip2IfConfReceive, rip2IfConfDefaultMetric, rip2IfConfStatus, rip2IfConfSrcAddress
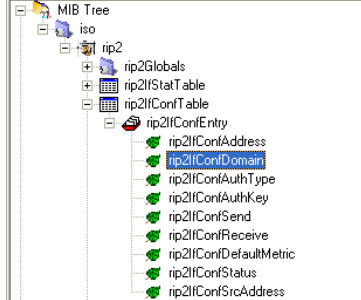
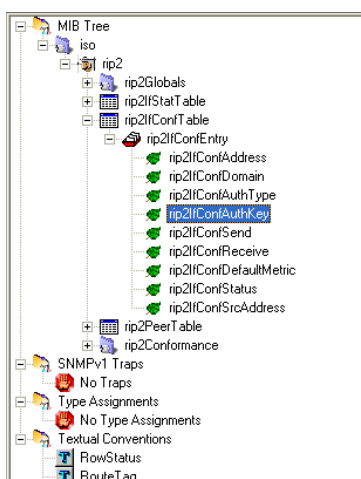|	
Object name	rip2IfConfDomain
Object ID	1.3.6.1.2.1.23.3.1.2
Module	RIPv2-MIB
Base syntax	Octet String
Composed syntax	RouteTag
Access	Read-Create
Status	Obsolete
Value list	1 : 2..2
Parent node	rip2IfConfEntry
First child	None
Description	Value inserted into the Routing Domain field of all RIP packets sent on this interface.

MIB Tree — iso → rip2 → rip2Globals, rip2IfStatTable, rip2IfConfTable → rip2IfConfEntry → rip2IfConfAddress, rip2IfConfDomain, **rip2IfConfAuthType**, rip2IfConfAuthKey, rip2IfConfSend, rip2IfConfReceive, rip2IfConfDefaultMetric, rip2IfConfStatus, rip2IfConfSrcAddress → rip2PeerTable, rip2Conformance

Object name	rip2IfConfAuthType
Object ID	1.3.6.1.2.1.23.3.1.3
Module	RIPv2-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Create
Status	Current
Value list	1 : noAuthentication(1)
	2 : simplePassword(2)
	3 : md5(3)
Parent node	rip2IfConfEntry
First child	None
Description	The type of Authentication used on this interface.

MIB Tree — iso → rip2 → rip2Globals, rip2IfStatTable, rip2IfConfTable → rip2IfConfEntry → rip2IfConfAddress, rip2IfConfDomain, rip2IfConfAuthType, **rip2IfConfAuthKey**, rip2IfConfSend, rip2IfConfReceive, rip2IfConfDefaultMetric, rip2IfConfStatus, rip2IfConfSrcAddress → rip2PeerTable, rip2Conformance → SNMPv1 Traps → No Traps → Type Assignments → No Type Assignments → Textual Conventions → RowStatus, RouteTag

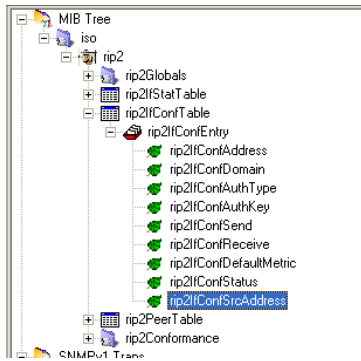|	
Object name	rip2IfConfAuthKey
Object ID	1.3.6.1.2.1.23.3.1.4
Module	RIPv2-MIB
Base syntax	Octet String
Composed syntax	OCTET STRING
Access	Read-Create
Status	Current
Value list	1 : 0..16
Parent node	rip2IfConfEntry
First child	None
Description	The value to be used as the Authentication Key whenever the corresponding instance of rip2IfConfAuthType has a value other than noAuthentication. A modification of the corresponding instance of rip2IfConfAuthType does not modify the rip2IfConfAuthKey value. If a string shorter than 16 octets is supplied, it will be left-justified and padded to 16 octets, on the right, with nulls (0x00).
	Reading this object always results in an OCTET STRING of length zero; authentication may not be bypassed by reading the MIB object.

Panel 1

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
      - rip2IfConfEntry
        - rip2IfConfAddress
        - rip2IfConfDomain
        - rip2IfConfAuthType
        - rip2IfConfAuthKey
        - **rip2IfConfSend**
        - rip2IfConfReceive
        - rip2IfConfDefaultMetric
        - rip2IfConfStatus
        - rip2IfConfSrcAddress
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps
- Type Assignments
  - No Type Assignments
- Textual Conventions
  - RowStatus
  - RouteTag

```
Object name        rip2IfConfSend
Object ID          1.3.6.1.2.1.23.3.1.5
Module             RIPv2-MIB

Base syntax        Integer
Composed syntax    INTEGER
Access             Read-Create
Status             Current
Value list         1 : doNotSend(1)
                   2 : ripVersion1(2)
                   3 : rip1Compatible(3)
                   4 : ripVersion2(4)
                   5 : ripV1Demand(5)
                   6 : ripV2Demand(6)

Parent node        rip2IfConfEntry
First child        None
Description        What the router sends on this interface.
                   ripVersion1 implies sending RIP updates compliant
                   with RFC 1058.  rip1Compatible implies
                   broadcasting RIP-2 updates using RFC 1058 route
                   subsumption rules.  ripVersion2 implies
                   multicasting RIP-2 updates.  ripV1Demand indicates
                   the use of Demand RIP on a WAN interface under RIP
                   Version 1 rules.  ripV2Demand indicates the use of
                   Demand RIP on a WAN interface under Version 2 rules.
```

Panel 2

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
      - rip2IfConfEntry
        - rip2IfConfAddress
        - rip2IfConfDomain
        - rip2IfConfAuthType
        - rip2IfConfAuthKey
        - rip2IfConfSend
        - **rip2IfConfReceive**
        - rip2IfConfDefaultMetric
        - rip2IfConfStatus
        - rip2IfConfSrcAddress
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps

```
Object name        rip2IfConfReceive
Object ID          1.3.6.1.2.1.23.3.1.6
Module             RIPv2-MIB

Base syntax        Integer
Composed syntax    INTEGER
Access             Read-Create
Status             Current
Value list         1 : rip1(1)
                   2 : rip2(2)
                   3 : rip1OrRip2(3)
                   4 : doNotRecieve(4)

Parent node        rip2IfConfEntry
First child        None
Description        This indicates which version of RIP updates
                   are to be accepted.  Note that rip2 and
                   rip1OrRip2 implies reception of multicast
                   packets.
```
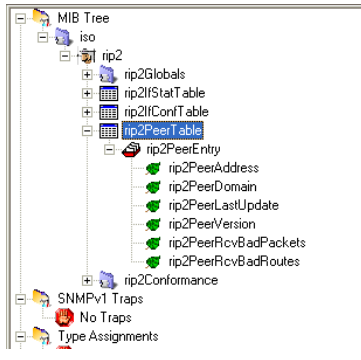
Panel 3

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
      - rip2IfConfEntry
        - rip2IfConfAddress
        - rip2IfConfDomain
        - rip2IfConfAuthType
        - rip2IfConfAuthKey
        - rip2IfConfSend
        - rip2IfConfReceive
        - **rip2IfConfDefaultMetric**
        - rip2IfConfStatus
        - rip2IfConfSrcAddress
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps

```
Object name        rip2IfConfDefaultMetric
Object ID          1.3.6.1.2.1.23.3.1.7
Module             RIPv2-MIB

Base syntax        Integer
Composed syntax    INTEGER
Access             Read-Create
Status             Current
Value list         1 : 0..15

Parent node        rip2IfConfEntry
First child        None
Description        This variable indicates the metric that is to
                   be used for the default route entry in RIP updates
                   originated on this interface.  A value of zero
                   indicates that no default route should be
                   originated; in this case, a default route via
                   another router may be propagated.
```

Panel 4

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
      - rip2IfConfEntry
        - rip2IfConfAddress
        - rip2IfConfDomain
        - rip2IfConfAuthType
        - rip2IfConfAuthKey
        - rip2IfConfSend
        - rip2IfConfReceive
        - rip2IfConfDefaultMetric
        - **rip2IfConfStatus**
        - rip2IfConfSrcAddress
    - rip2PeerTable
    - rip2Conformance
- SNMPv1 Traps
  - No Traps

```
Object name        rip2IfConfStatus
Object ID          1.3.6.1.2.1.23.3.1.8
Module             RIPv2-MIB

Base syntax        Integer
Composed syntax    RowStatus
Access             Read-Create
Status             Current
Value list         1 : active(1)
                   2 : notInService(2)
                   3 : notReady(3)
                   4 : createAndGo(4)
                   5 : createAndWait(5)
                   6 : destroy(6)

Parent node        rip2IfConfEntry
First child        None
Description        Writing invalid has the effect of deleting
                   this interface.
```
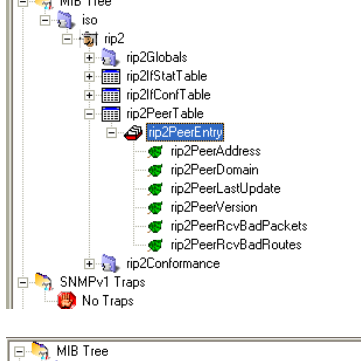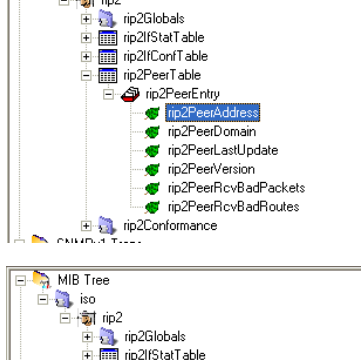
Screenshot 1

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
      - rip2IfConfEntry
        - rip2IfConfAddress
        - rip2IfConfDomain
        - rip2IfConfAuthType
        - rip2IfConfAuthKey
        - rip2IfConfSend
        - rip2IfConfReceive
        - rip2IfConfDefaultMetric
        - rip2IfConfStatus
        - **rip2IfConfSrcAddress**
    - rip2PeerTable
    - rip2Conformance
  - SNMPv1 Traps

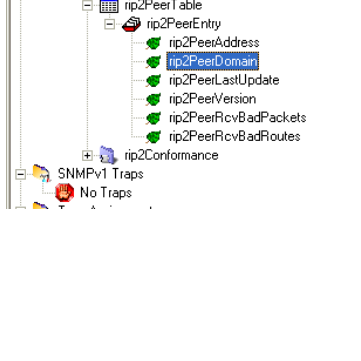| Field	Value
Object name	rip2IfConfSrcAddress
Object ID	1.3.6.1.2.1.23.3.1.9
Module	RIPv2-MIB
Base syntax	IP Address
Composed syntax	IpAddress
Access	Read-Create
Status	Current
Parent node	rip2IfConfEntry
First child	None
Description	The IP Address this system will use as a source address on this interface. If it is a numbered interface, this MUST be the same value as rip2IfConfAddress. On unnumbered interfaces, it must be the value of rip2IfConfAddress for some interface on the system.

Screenshot 2

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - **rip2PeerTable**
      - rip2PeerEntry
        - rip2PeerAddress
        - rip2PeerDomain
        - rip2PeerLastUpdate
        - rip2PeerVersion
        - rip2PeerRcvBadPackets
        - rip2PeerRcvBadRoutes
    - rip2Conformance
  - SNMPv1 Traps
  - No Traps
  - Type Assignments

Field	Value
Object name	rip2PeerTable
Object ID	1.3.6.1.2.1.23.4
Module	RIPv2-MIB
Base syntax	Sequence Of rip2PeerEntry
Access	Not_Accessible
Status	Current
Sequence	1:rip2PeerAddress - IP Address 2:rip2PeerDomain - Octet String 3:rip2PeerLastUpdate - TimeTicks 4:rip2PeerVersion - Integer 5:rip2PeerRcvBadPackets - Counter 6:rip2PeerRcvBadRoutes - Counter
Parent node	rip2
First child	rip2PeerEntry
Description	A list of RIP Peers.

Screenshot 3

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
      - **rip2PeerEntry**
        - rip2PeerAddress
        - rip2PeerDomain
        - rip2PeerLastUpdate
        - rip2PeerVersion
        - rip2PeerRcvBadPackets
        - rip2PeerRcvBadRoutes
    - rip2Conformance
  - SNMPv1 Traps
  - No Traps

Field	Value
Object name	rip2PeerEntry
Object ID	1.3.6.1.2.1.23.4.1
Module	RIPv2-MIB
Base syntax	Sequence
Access	Not_Accessible
Status	Current
Index	1.rip2PeerAddress 2.rip2PeerDomain
Parent node	rip2PeerTable
First child	rip2PeerAddress
Description	Information regarding a single routing peer.

Screenshot 4

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
      - rip2PeerEntry
        - **rip2PeerAddress**
        - rip2PeerDomain
        - rip2PeerLastUpdate
        - rip2PeerVersion
        - rip2PeerRcvBadPackets
        - rip2PeerRcvBadRoutes
    - rip2Conformance

Field	Value
Object name	rip2PeerAddress
Object ID	1.3.6.1.2.1.23.4.1.1
Module	RIPv2-MIB
Base syntax	IP Address
Composed syntax	IpAddress
Access	Read-Only
Status	Current
Parent node	rip2PeerEntry
First child	None
Description	The IP Address that the peer is using as its source address. Note that on an unnumbered link, this may not be a member of any subnet on the system.

Screenshot 5

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
      - rip2PeerEntry
        - rip2PeerAddress
        - **rip2PeerDomain**
        - rip2PeerLastUpdate
        - rip2PeerVersion
        - rip2PeerRcvBadPackets
        - rip2PeerRcvBadRoutes
    - rip2Conformance
  - SNMPv1 Traps
  - No Traps

Field	Value
Object name	rip2PeerDomain
Object ID	1.3.6.1.2.1.23.4.1.2
Module	RIPv2-MIB
Base syntax	Octet String
Composed syntax	RouteTag
Access	Read-Only
Status	Current
Value list	1 : 2..2
Parent node	rip2PeerEntry
First child	None
Description	The value in the Routing Domain field in RIP packets received from the peer. As domain suuport is deprecated, this must be zero.

MIB Tree 1

```
MIB Tree
 iso
  rip2
   rip2Globals
   rip2IfStatTable
   rip2IfConfTable
   rip2PeerTable
    rip2PeerEntry
     rip2PeerAddress
     rip2PeerDomain
     rip2PeerLastUpdate
     rip2PeerVersion
     rip2PeerRcvBadPackets
     rip2PeerRcvBadRoutes
   rip2Conformance
 SNMPv1 Traps
  No Traps
 Type Assignments
```

Object name	rip2PeerLastUpdate
Object ID	1.3.6.1.2.1.23.4.1.3
Module	RIPv2-MIB
Base syntax	TimeTicks
Composed syntax	TimeTicks
Access	Read-Only
Status	Current
Parent node	rip2PeerEntry
First child	None
Description	The value of sysUpTime when the most recent RIP update was received from this system.

MIB Tree 2

```
MIB Tree
 iso
  rip2
   rip2Globals
   rip2IfStatTable
   rip2IfConfTable
   rip2PeerTable
    rip2PeerEntry
     rip2PeerAddress
     rip2PeerDomain
     rip2PeerLastUpdate
     rip2PeerVersion
     rip2PeerRcvBadPackets
     rip2PeerRcvBadRoutes
   rip2Conformance
 SNMPv1 Traps
```

Object name	rip2PeerVersion
Object ID	1.3.6.1.2.1.23.4.1.4
Module	RIPv2-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..255
Parent node	rip2PeerEntry
First child	None
Description	The RIP version number in the header of the last RIP packet received.

MIB Tree 3

```
MIB Tree
 iso
  rip2
   rip2Globals
   rip2IfStatTable
   rip2IfConfTable
   rip2PeerTable
    rip2PeerEntry
     rip2PeerAddress
     rip2PeerDomain
     rip2PeerLastUpdate
     rip2PeerVersion
     rip2PeerRcvBadPackets
     rip2PeerRcvBadRoutes
   rip2Conformance
 SNMPv1 Traps
  No Traps
```

Object name	rip2PeerRcvBadPackets
Object ID	1.3.6.1.2.1.23.4.1.5
Module	RIPv2-MIB
Base syntax	Counter
Composed syntax	Counter32
Access	Read-Only
Status	Current
Parent node	rip2PeerEntry
First child	None
Description	The number of RIP response packets from this peer discarded as invalid.

MIB Tree 4

```
MIB Tree
 iso
  rip2
   rip2Globals
   rip2IfStatTable
   rip2IfConfTable
   rip2PeerTable
    rip2PeerEntry
     rip2PeerAddress
     rip2PeerDomain
     rip2PeerLastUpdate
     rip2PeerVersion
     rip2PeerRcvBadPackets
     rip2PeerRcvBadRoutes
   rip2Conformance
 SNMPv1 Traps
  No Traps
```

Object name	rip2PeerRcvBadRoutes
Object ID	1.3.6.1.2.1.23.4.1.6
Module	RIPv2-MIB
Base syntax	Counter
Composed syntax	Counter32
Access	Read-Only
Status	Current
Parent node	rip2PeerEntry
First child	None
Description	The number of routes from this peer that were ignored because the entry format was invalid.

MIB Tree 5

```
MIB Tree
 iso
  rip2
   rip2Globals
   rip2IfStatTable
   rip2IfConfTable
   rip2PeerTable
   rip2Conformance
    rip2Groups
     rip2GlobalGroup
     rip2IfStatGroup
     rip2IfConfGroup
     rip2PeerGroup
    rip2Compliances
     rip2Compliance
 SNMPv1 Traps
```

Object name	rip2Conformance
Object ID	1.3.6.1.2.1.23.5
Module	RIPv2-MIB
Base syntax	Object Identifier
Access	Not_Accessible
Status	Mandatory
Parent node	rip2
First child	rip2Groups

Panel 1

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
      - rip2Groups
        - rip2GlobalGroup
        - rip2IfStatGroup
        - rip2IfConfGroup
        - rip2PeerGroup
      - rip2Compliances
        - rip2Compliance
- SNMPv1 Traps

Object name	rip2Groups
Object ID	1.3.6.1.2.1.23.5.1
Module	RIPv2-MIB
Base syntax	Object Identifier
Access	Not_Accessible
Status	Mandatory
Parent node	rip2Conformance
First child	rip2GlobalGroup

Panel 2

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
      - rip2Groups
        - rip2GlobalGroup
        - rip2IfStatGroup
        - rip2IfConfGroup
        - rip2PeerGroup
      - rip2Compliances
        - rip2Compliance
- SNMPv1 Traps
  - No Traps

Object name	rip2GlobalGroup
Object ID	1.3.6.1.2.1.23.5.1.1
Module	RIPv2-MIB
Base syntax	Object Group
Parent node	rip2Groups
Objects:	1.rip2GlobalRouteChanges
	2.rip2GlobalQueries
Description	This group defines global controls for RIP-II systems.

Panel 3

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
      - rip2Groups
        - rip2GlobalGroup
        - rip2IfStatGroup
        - rip2IfConfGroup
        - rip2PeerGroup
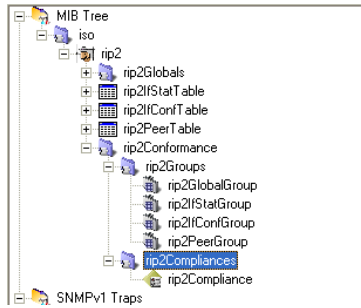   - rip2Compliances
        - rip2Compliance
- SNMPv1 Traps

Object name	rip2IfStatGroup
Object ID	1.3.6.1.2.1.23.5.1.2
Module	RIPv2-MIB
Base syntax	Object Group
Parent node	rip2Groups
Objects:	1.rip2IfStatAddress
	2.rip2IfStatRcvBadPackets
	3.rip2IfStatRcvBadRoutes
	4.rip2IfStatSentUpdates
	5.rip2IfStatStatus
Description	This group defines interface statistics for RIP-II systems.

Panel 4

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
      - rip2Groups
        - rip2GlobalGroup
        - rip2IfStatGroup
        - rip2IfConfGroup
        - rip2PeerGroup
      - rip2Compliances
        - rip2Compliance
- SNMPv1 Traps

Object name	rip2IfConfGroup
Object ID	1.3.6.1.2.1.23.5.1.3
Module	RIPv2-MIB
Base syntax	Object Group
Parent node	rip2Groups
Objects:	1.rip2IfConfAddress
	2.rip2IfConfAuthType
	3.rip2IfConfAuthKey
	4.rip2IfConfSend
	5.rip2IfConfReceive
	6.rip2IfConfDefaultMetric
	7.rip2IfConfStatus
	8.rip2IfConfSrcAddress
Description	This group defines interface configuration for RIP-II systems.

Panel 5

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
      - rip2Groups
        - rip2GlobalGroup
        - rip2IfStatGroup
        - rip2IfConfGroup
        - rip2PeerGroup
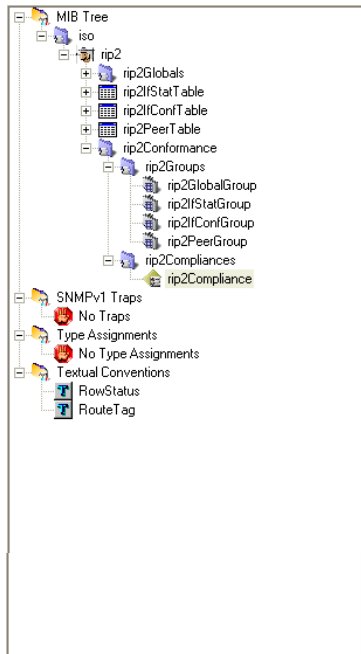   - rip2Compliances
        - rip2Compliance

Object name	rip2PeerGroup
Object ID	1.3.6.1.2.1.23.5.1.4
Module	RIPv2-MIB
Base syntax	Object Group
Parent node	rip2Groups
Objects:	1.rip2PeerAddress
	2.rip2PeerDomain
	3.rip2PeerLastUpdate
	4.rip2PeerVersion
	5.rip2PeerRcvBadPackets
	6.rip2PeerRcvBadRoutes
Description	This group defines peer information for RIP-II systems.

First panel

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
      - rip2Groups
        - rip2GlobalGroup
        - rip2IfStatGroup
        - rip2IfConfGroup
        - rip2PeerGroup
      - **rip2Compliances**
        - rip2Compliance
- SNMPv1 Traps

Object name	rip2Compliances
Object ID	1.3.6.1.2.1.23.5.2
Module	RIPv2-MIB
Base syntax	Object Identifier
Access	Not_Accessible
Status	Mandatory
Parent node	rip2Conformance
First child	rip2Compliance

Second panel

MIB Tree
- iso
  - rip2
    - rip2Globals
    - rip2IfStatTable
    - rip2IfConfTable
    - rip2PeerTable
    - rip2Conformance
      - rip2Groups
        - rip2GlobalGroup
        - rip2IfStatGroup
        - rip2IfConfGroup
        - rip2PeerGroup
      - rip2Compliances
        - rip2Compliance
- SNMPv1 Traps
  - No Traps
- Type Assignments
  - No Type Assignments
- Textual Conventions
  - RowStatus
  - RouteTag

Object name	rip2Compliance
Object ID	1.3.6.1.2.1.23.5.2.1
Module	RIPv2-MIB
Base syntax	Module Compliance
Access	Not_Accessible
Status	current
Modules:	

1.Modules name:RIPv2-MIB
Mand. groups:
1.rip2GlobalGroup
2.rip2IfStatGroup
3.rip2IfConfGroup
4.rip2PeerGroup
Components:
1. Type: Group
Group:rip2GlobalGroup
Description:
This group defines global controls for RIP-II systems.
Components:
2. Type: Group
Group:rip2IfStatGroup
Description:
This group defines interface statistics for RIP-II systems.
Components:
3. Type: Group
Group:rip2IfConfGroup
Description:
This group defines interface configuration for RIP-II systems.
Components:
4. Type: Group
Group:rip2PeerGroup
Description:
This group defines peer information for RIP-II systems.

Description   The compliance statement