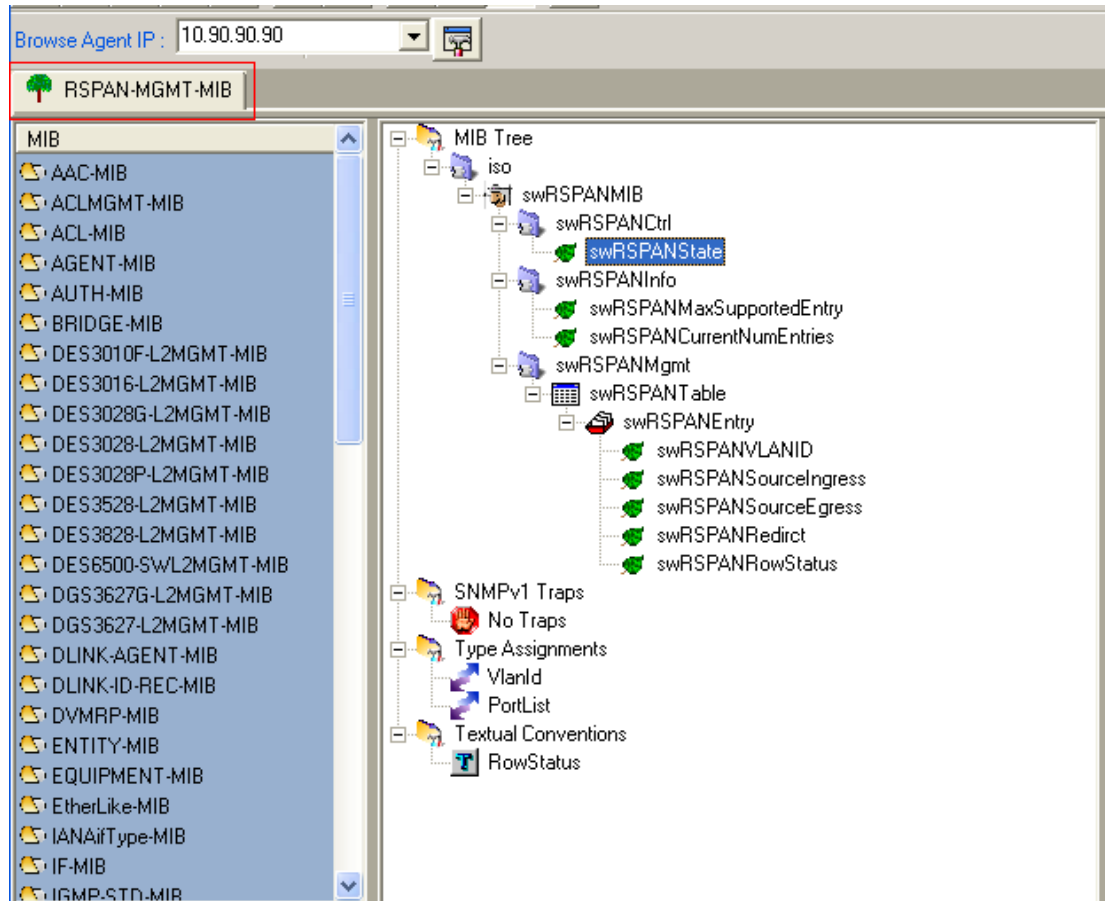


How to use RSPAN via SNMP

RSPAN.MIB



swRSPANState

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.68.1.1.0 i 1
SNMPv2-SMI::enterprises.171.12.68.1.1.0 = INTEGER: 1
```

Object name	swRSPANState
Object ID	1.3.6.1.4.1.171.12.68.1.1
Module	RSPAN-MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	swRSPANCtrl
First child	None
Description	This object indicates the RSPAN state. enabled (1) - This entry resides in the table. disabled (2) - Writes this value to the object and then corresponding entry from the table.

swRSPANMaxSupportedEntry

```
C:\>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.68.2.1.0
SNMPv2-SMI::enterprises.171.12.68.2.1.0 = INTEGER: 16
```

Object name	swRSPANMaxSupportedEntry
Object ID	1.3.6.1.4.1.171.12.68.2.1
Module	RSPAN-MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0.65535
Parent node	swRSPANInfo
First child	None
Description	This object indicates the maximum number of RSPAN

swRSPANCurrentNumEntries

```
C:\>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.68.2.2.0
SNMPv2-SMI::enterprises.171.12.68.2.2.0 = INTEGER: 0
```

Object name	swRSPANCurrentNumEntries
Object ID	1.3.6.1.4.1.171.12.68.2.2
Module	RSPAN-MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swRSPANInfo
First child	None
Description	This object indicates the current number of RSPAN e

swRSPANVLANID

Object name	swRSPANVLANID
Object ID	1.3.6.1.4.1.171.12.68.3.1.1.1
Module	RSPAN-MGMT-MIB
Base syntax	Integer
Composed syntax	VlanId
Access	Read-Only
Status	Current
Value list	1 : 1..4094
Parent node	swRSPANEntry
First child	None
Description	This object indicates the RSPAN VLAN of the entry.

swRSPANSourceIngress

Object name	swRSPANSourceIngress
Object ID	1.3.6.1.4.1.171.12.68.3.1.1.2
Module	RSPAN-MGMT-MIB
Base syntax	Octet String
Composed syntax	PortList
Access	Read-Create
Status	Current
Value list	1 : 0..127
Parent node	swRSPANEntry
First child	None
Description	This object indicates the packets received on source p will be mirrored to target ports in the source switch.

swRSPANSourceEgress

Object name	swRSPANSourceEgress
Object ID	1.3.6.1.4.1.171.12.68.3.1.1.3
Module	RSPAN-MGMT-MIB
Base syntax	Octet String
Composed syntax	PortList
Access	Read-Create
Status	Current
Value list	1 : 0..127
Parent node	swRSPANEntry
First child	None
Description	This object indicates the packets sent on source ports will be mirrored to target ports in the source switch.

swRSPANRedirect

Object name	swRSPANRedirect
Object ID	1.3.6.1.4.1.171.12.68.3.1.1.4
Module	RSPAN-MGMT-MIB
Base syntax	Octet String
Composed syntax	PortList
Access	Read-Create
Status	Current
Value list	1 : 0..127
Parent node	swRSPANEntry
First child	None
Description	This object indicates the output port of the RSPAN V. in the mediate or destination switch.

swRSPANRowStatus

Object name	swRSPANRowStatus
Object ID	1.3.6.1.4.1.171.12.68.3.1.1.5
Module	RSPAN-MGMT-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	swRSPANEntry
First child	None
Description	This object indicates the status of this entry.