

Q1. how to enable/disable stp function

```
snmpget -v 2c -c public 10.90.90.90 1.3.6.1.4.1.171.10.94.89.89.57.2.3.0  
snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.10.94.89.89.57.2.3.0 i 1 (1 =  
true=enable, 2=false=disable)
```

The screenshot shows a network management interface with a MIB Tree on the left and a detailed view of the `rldot1dStpEnable` object on the right.

Property	Value
Object name	rldot1dStpEnable
Object ID	1.3.6.1.4.1.171.10.94.89.89.57.2.3
Module	RADLAN-BRIDGEMIBOBJECTS-MIB
Base syntax	Integer
Composed syntax	TruthValue
Access	Read-Write
Status	Current
Value list	1 : true(1) 2 : false(2)
Parent node	rldot1dStp
First child	None
Description	Enable / Disable spanning tree. When working in per vlan mode enable / disable STP per all vlans.

Q2. how to read the stp version and modify stp version by snmp

```
snmpset -c private -v 2c 10.90.90.90 1.3.6.1.2.1.17.2.16.0 i 2 (0=STP, 2=RSTP, 3=MSTP)  
snmpget -v 2c -c public 10.90.90.90 1.3.6.1.2.1.17.2.16.0
```

The screenshot shows the 'MIB Node Properties - dot1dStpVersion' window. The 'Module' is set to 'RSTP-MIB'.

Name:	dot1dStpVersion
Type:	OBJECT-TYPE
OID:	1.3.6.1.2.1.17.2.16
Full path:	iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1).dot1dBridge(17).dot1dStp(2).dot1dStpVersion(16)
Module:	RSTP-MIB
Parent:	dot1dStp
Prev sibling:	dot1dStpPortTable
Next sibling:	dot1dStpTxHoldCount
Numerical syntax:	Integer (32 bit)
Base syntax:	INTEGER
Composed syntax:	INTEGER
Status:	current
Max access:	read-write
Value list:	1: stpCompatible(0) 2: rstp(2) 3: mstp(3)
Default values:	1: rstp (name)
Reference:	IEEE 802.1w clause 14.8.1, 17.12, 17.16.1
Description:	The version of Spanning Tree Protocol the bridge is currently running. The value 'stpCompatible(0)' indicates the Spanning Tree Protocol specified in IEEE 802.1D and 'rstp(2)' indicates the Rapid Spanning Tree Protocol specified in IEEE 802.1w. New value may be defined as future versions of the protocol become available.