

How to get the stp status for DGS-1210 Series via SNMP

1): **OID for STP**

The OID is under:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-products(10).
dlink-DGS12XXSeriesProd(76).dgs-1210-xxxx(Y).companyRSTP(6).stpGlobal(1)

Dgs-1210-xxxx(Y): For DGS-1210-28_BX, the (Y)=15

xxxModel(Y):

DGS-1210-16 Y=9 OID is 1.3.6.1.4.1.171.10.76.9.6.1
DGS-1210-24 Y=10 OID is 1.3.6.1.4.1.171.10.76.10.6.1
DGS-1210-48 Y=11 OID is 1.3.6.1.4.1.171.10.76.11.6.1
DGS-1210-10P Y=12 OID is 1.3.6.1.4.1.171.10.76.12.6.1
DGS-1210-20 Y=14 OID is 1.3.6.1.4.1.171.10.76.14.6.1
DGS-1210-28 Y=15 OID is 1.3.6.1.4.1.171.10.76.15.6.1
DGS-1210-28P Y=16 OID is 1.3.6.1.4.1.171.10.76.16.6.1
DGS-1210-52 Y=17 OID is 1.3.6.1.4.1.171.10.76.17.6.1

For example:

```
snmpset -v 2c -c private 10.90.90.90 1.3.6.1.4.1.171.10.76.15.6.1
```

| Name | OID | Syntax | Access | Value |
|----------------------------|-----------------------------------|--------------|------------|------------------|
| rstpStatus | 1.3.6.1.4.1.171.10.76.15.6.1.1.0 | Integer | Read-Write | 2 |
| stpVersion | 1.3.6.1.4.1.171.10.76.15.6.1.2.0 | Integer | Read-Write | 2 |
| stpPriority | 1.3.6.1.4.1.171.10.76.15.6.1.3.0 | Integer | Read-Write | 32768 |
| stpTxHoldCount | 1.3.6.1.4.1.171.10.76.15.6.1.4.0 | Integer | Read-Write | 6 |
| stpProtocolSpecification | 1.3.6.1.4.1.171.10.76.15.6.1.5.0 | Integer | Read-Only | 3 |
| stpTimeSinceTopologyChange | 1.3.6.1.4.1.171.10.76.15.6.1.6.0 | TimeTicks | Read-Only | 0:00:00.00 |
| stpTopChanges | 1.3.6.1.4.1.171.10.76.15.6.1.7.0 | Counter | Read-Only | 0 |
| stpDesignatedRoot | 1.3.6.1.4.1.171.10.76.15.6.1.8.0 | Octet String | Read-Only | 0000000000000000 |
| stpRootCost | 1.3.6.1.4.1.171.10.76.15.6.1.9.0 | Integer | Read-Only | 0 |
| stpRootPort | 1.3.6.1.4.1.171.10.76.15.6.1.10.0 | Integer | Read-Only | 0 |
| stpMaxAge | 1.3.6.1.4.1.171.10.76.15.6.1.11.0 | Integer | Read-Only | 2000 |
| stpHelloTime | 1.3.6.1.4.1.171.10.76.15.6.1.12.0 | Integer | Read-Only | 200 |
| stpHoldTime | 1.3.6.1.4.1.171.10.76.15.6.1.13.0 | Integer | Read-Only | 100 |
| stpForwardDelay | 1.3.6.1.4.1.171.10.76.15.6.1.14.0 | Integer | Read-Only | 1500 |
| stpBridgeMaxAge | 1.3.6.1.4.1.171.10.76.15.6.1.15.0 | Integer | Read-Write | 2000 |
| stpBridgeHelloTime | 1.3.6.1.4.1.171.10.76.15.6.1.16.0 | Integer | Read-Write | 200 |
| stpBridgeForwardDelay | 1.3.6.1.4.1.171.10.76.15.6.1.17.0 | Integer | Read-Write | 1500 |

rstpstatus: 1.enable 2.disable

```
Object name      rstpStatus
Object ID       1.3.6.1.4.1.171.10.76.15.6.1.1
Module          DGS-1210-28_BX

Base syntax     Integer
Composed syntax INTEGER
Access         Read-Write
Status         Current
Value list     1 : enabled(1)
              2 : disabled(2)
```

stpVersion:0.stpcompatible 2.rstp

```
Object name      stpVersion
Object ID       1.3.6.1.4.1.171.10.76.15.6.1.2
Module          DGS-1210-28_BX

Base syntax     Integer
Composed syntax INTEGER
Access         Read-Write
Status         Current
Value list     1 : stpCompatible(0)
              2 : rstp(2)
```

stpprotocolspecification:1.unknown 2.declb100 3.ieee8021d

```
Object name      stpProtocolSpecification
Object ID       1.3.6.1.4.1.171.10.76.15.6.1.5
Module          DGS-1210-28_BX

Base syntax     Integer
Composed syntax INTEGER
Access         Read-Only
Status         Current
Value list     1 : unknown(1)
              2 : decLb100(2)
              3 : ieee8021d(3)
```