

# How to configure VLAN Trunk via NETSNMP on DGS-3400 series?

## swL2DevCtrlVLANTrunkState

1.3.6.1.4.1.171.11.70.1.2.1.2.22(DGS3426)  
1.3.6.1.4.1.171.11.70.7.2.1.2.22(dgs3426P)  
1.3.6.1.4.1.171.11.70.2.2.1.2.22(DGS3427)  
1.3.6.1.4.1.171.11.70.3.2.1.2.22(DGS3450)  
1.3.6.1.4.1.171.11.70.11.2.1.2.22(DGS3426G)

## swL2TrunkLACPPortTable

1.3.6.1.4.1.171.11.70.1.2.9.5(dgs3426)  
1.3.6.1.4.1.171.11.70.7.2.9.6(dgs3426p)  
1.3.6.1.4.1.171.11.70.2.2.9.5(dgs3427)  
1.3.6.1.4.1.171.11.70.3.2.9.5(dgs3450)  
1.3.6.1.4.1.171.11.70.11.2.9.5(dgs3426g)

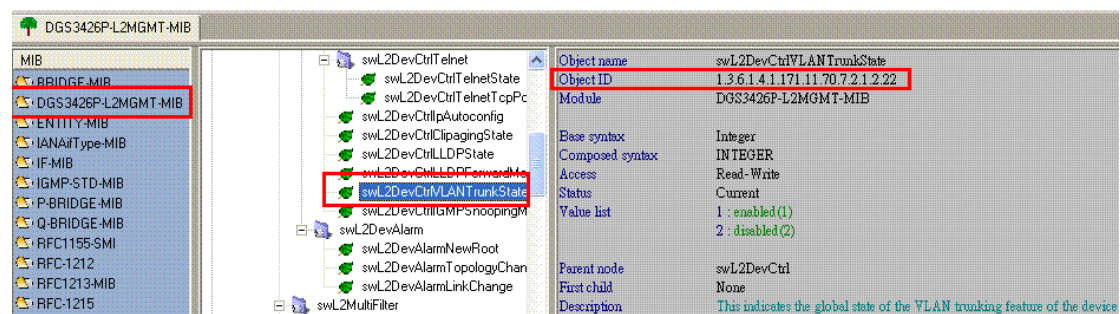
## swL2TrunkVLANState(2)

1.3.6.1.4.1.171.11.70.1.2.9.6.1.2(DGS3426)  
1.3.6.1.4.1.171.11.70.7.2.9.6.1.2(DGS3426P)  
1.3.6.1.4.1.171.11.70.2.2.9.6.1.2(DGS3427)  
1.3.6.1.4.1.171.11.70.3.2.9.6.1.2(DGS3450)  
1.3.6.1.4.1.171.11.70.11.2.9.6.1.2(DGS3426g)

**Below is an example for DGS3426P:**

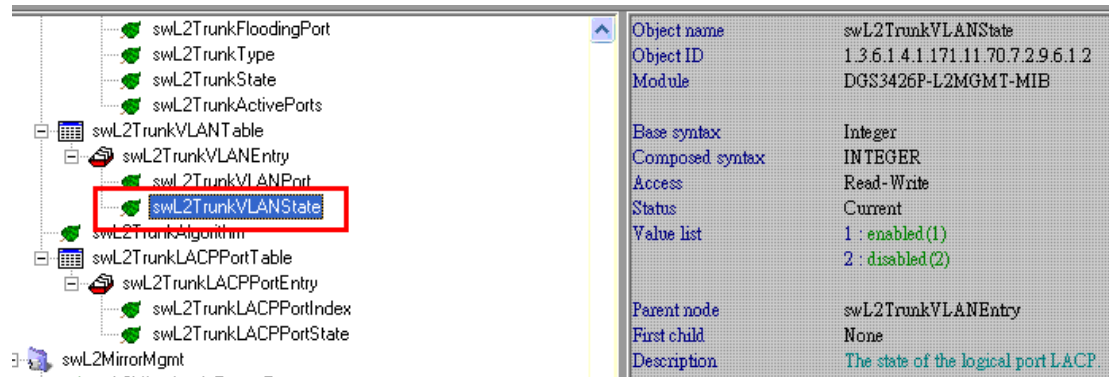
The OIDs are defined in “DGS3426P-L2MGMT-MIB”.

## # swL2DevVLANTrunkState



Object name	swL2DevCtrlVLANTrunkState
Object ID	1.3.6.1.4.1.171.11.70.7.2.1.2.22
Module	DGS3426P-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	swL2DevCtrl
First child	None
Description	This indicates the global state of the VLAN trunking feature of the device

## # swL2TrunkVLANState



Object name	swL2TrunkVLANState
Object ID	1.3.6.1.4.1.171.11.70.7.2.9.6.1.2
Module	DGS3426P-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	swL2TrunkVLANEntry
First child	None
Description	The state of the logical port LACP

### [Setup Example]

## Enable/Disable/Display VLAN trunk: 1.3.6.1.4.1.171.11.70.7.2.1.2.22.0

### # Enable VLAN trunk

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.70.7.2.1.2.22.0 i 1
SNMPv2-SMI::enterprises.171.11.70.7.2.1.2.22.0 = INTEGER: 1
```

### # Disable VLAN trunk

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.70.7.2.1.2.22.0 i 2
SNMPv2-SMI::enterprises.171.11.70.7.2.1.2.22.0 = INTEGER: 2
```

### # Display current VLAN trunk status

```
C:\>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.70.7.2.1.2.22.0
SNMPv2-SMI::enterprises.171.11.70.7.2.1.2.22.0 = INTEGER: 2
```

## Enable/Disable/Display VLAN trunk ports: 1.3.6.1.4.1.171.11.70.7.2.9.6.1.2

### # Enable VLAN trunk on port 1

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.70.7.2.9.6.1.2.1 i 1
SNMPv2-SMI::enterprises.171.11.70.7.2.9.6.1.2.1 = INTEGER: 1
```

### # Disable VLAN trunk on port 1

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.70.7.2.9.6.1.2.1 i 2
SNMPv2-SMI::enterprises.171.11.70.7.2.9.6.1.2.1 = INTEGER: 2
```

### # Display VLAN trunk on port 1 status

```
C:\>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.70.7.2.9.6.1.2.1
SNMPv2-SMI::enterprises.171.11.70.7.2.9.6.1.2.1 = INTEGER: 2
```