

## How to change the Management VLAN via SNMP command in the DES-3028 series

DES-3028G: 1.3.6.1.4.1.171.11.63.11.2.1.2.5

DES-3028 : 1.3.6.1.4.1.171.11.63.6.2.1.2.5

DES-3028P: 1.3.6.1.4.1.171.11.63.7.2.1.2.5

DES-3052 : 1.3.6.1.4.1.171.11.63.8.2.1.2.5

DES-3052P: 1.3.6.1.4.1.171.11.63.9.2.1.2.5

EX: we use DES-3028 as example:

snmpset -v2c -c private 192.168.1.100 1.3.6.1.4.1.171.11.63.6.2.1.2.5.0 i 2 (Set to vlan2)

snmpset -v2c -c private 192.168.1.100 1.3.6.1.4.1.171.11.63.6.2.1.2.5.0 i 1 (Set to default vlan)

```
DES-3028:4#show switch
Command: show switch

Device Type       : DES-3028 Fast Ethernet Switch
MAC Address       : 00-19-5B-EC-32-25
IP Address        : 192.168.1.100 (Manual)
VLAN Name         : VLAN2
Subnet Mask       : 255.255.255.0
Default Gateway   : 0.0.0.0
Boot PROM Version : Build 1.00.B06
Firmware Version  : Build 2.52.B05
Hardware Version  : A1
System Name       :
System Location   :
System Contact    :
Spanning Tree     : Disabled
SVRP              : Disabled
IGMP Snooping     : Disabled
VLAN trunk        : Disabled
302.1x           : Disabled
TELNET            : Enabled(TCP 23)
WEB               : Enabled(TCP 80)
RMON              : Disabled
SSH               : Disabled
SSL               : Disabled
Zipaging         : Enabled
```

```
DES-3028:4#show switch
Command: show switch

Device Type       : DES-3028 Fast Ethernet Switch
MAC Address       : 00-19-5B-EC-32-25
IP Address        : 192.168.1.100 (Manual)
VLAN Name         : default
Subnet Mask       : 255.255.255.0
Default Gateway   : 0.0.0.0
Boot PROM Version : Build 1.00.B06
Firmware Version  : Build 2.52.B05
Hardware Version  : A1
System Name       :
System Location   :
System Contact    :
Spanning Tree     : Disabled
SVRP              : Disabled
IGMP Snooping     : Disabled
VLAN trunk        : Disabled
302.1x           : Disabled
TELNET            : Enabled(TCP 23)
WEB               : Enabled(TCP 80)
RMON              : Disabled
SSH               : Disabled
SSL               : Disabled
```

DES-3028:4#

**DES-3028G:**

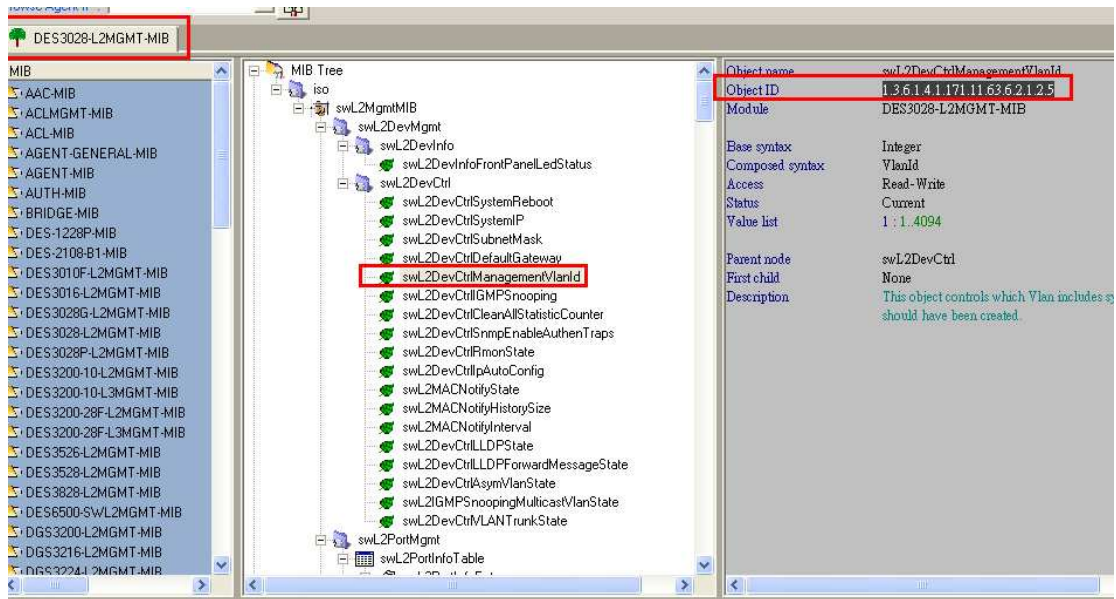
The screenshot shows a network management interface with a MIB Tree on the left and Object Properties on the right. The MIB Tree is expanded to show the hierarchy: iso > swL2MgmtMIB > swL2DevMgmt > swL2DevCtrl > swL2DevCtrlManagementVlanId. The Object Properties panel on the right displays the following information:

Object name	swL2DevCtrlManagementVlanId
Object ID	1.3.6.1.4.1.171.11.63.11.2.1.2.5
Module	DES3028G-L2MGMT-MIB
Base syntax	Integer
Composed syntax	VlanId
Access	Read-Write
Status	Current
Value list	1 : 1..4094
Parent node	swL2DevCtrl
First child	None
Description	This object controls which Vlan includes system ip. A should have been created.

1.3.6.1.4.1.171.11.63.11.2.1.2.5

This block provides a detailed view of the Object Properties for swL2DevCtrlManagementVlanId. The information is as follows:

Object name	swL2DevCtrlManagementVlanId
Object ID	1.3.6.1.4.1.171.11.63.11.2.1.2.5
Module	DES3028G-L2MGMT-MIB
Base syntax	Integer
Composed syntax	VlanId
Access	Read-Write
Status	Current
Value list	1 : 1..4094
Parent node	swL2DevCtrl
First child	None
Description	This object controls which Vlan includes system ip. A should have been created.

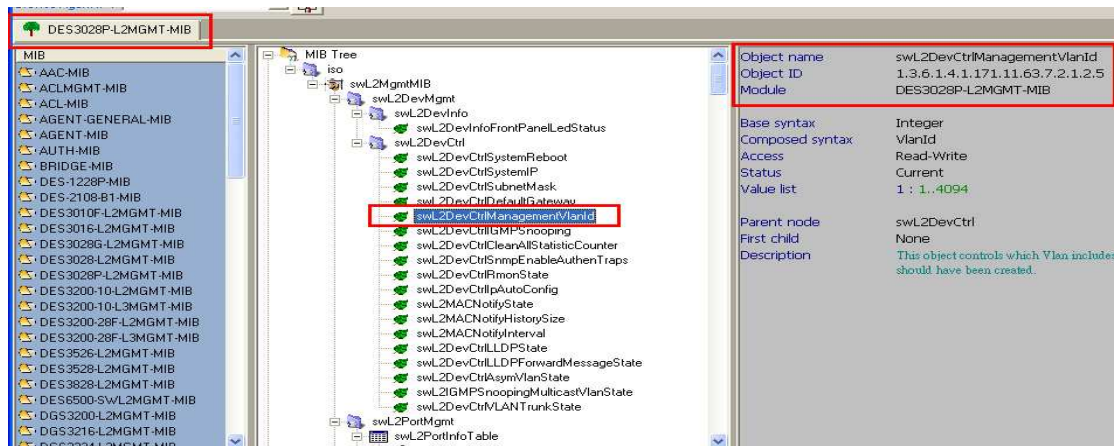


DES-3028

swL2DevCtrlManagementVlanId

1.3.6.1.4.1.171.11.63.6.2.1.2.5

snmpset -v2c -c private 192.168.1.100 1.3.6.1.4.1.171.11.63.6.2.1.2.5.0 i 2 (set to vlan2)



## DES-3028P

### swL2DevCtrlManagementVlanId

1.3.6.1.4.1.171.11.63.7.2.1.2.5

Object name	swL2DevCtrlManagementVlanId
Object ID	1.3.6.1.4.1.171.11.63.7.2.1.2.5
Module	DES3028P-L2MGMT-MIB
Base syntax	Integer
Composed syntax	VlanId
Access	Read-Write
Status	Current
Value list	1 : 1..4094
Parent node	swL2DevCtrl
First child	None
Description	This object controls which Vlan includes system ip. A should have been created.

## DES-3052:

The screenshot shows a network management interface with a MIB tree on the left and a details pane on the right. The MIB tree is expanded to show the object swL2DevCtrlManagementVlanId, which is highlighted with a red box. The details pane on the right shows the following information:

Object name	swL2DevCtrlManagementVlanId
Object ID	1.3.6.1.4.1.171.11.63.8.2.1.2.5
Module	DES3052-L2MGMT-MIB
Base syntax	Integer
Composed syntax	VlanId
Access	Read-Write
Status	Current
Value list	1 : 1..4094
Parent node	swL2DevCtrl
First child	None
Description	This object controls which Vlan includes system ip. A should have been created.

1.3.6.1.4.1.171.11.63.8.2.1.2.5

Object name	swL2DevCtrlManagementVlanId
Object ID	1.3.6.1.4.1.171.11.63.8.2.1.2.5
Module	DES3052-L2MGMT-MIB
Base syntax	Integer
Composed syntax	VlanId
Access	Read-Write
Status	Current
Value list	1 : 1..4094
Parent node	swL2DevCtrl
First child	None
Description	This object controls which Vlan includes system ip. A should have been created.

## DES-3052P

The screenshot shows the D-Link MIB Compiler interface. The 'Browse Agent IP' field is set to 10.90.90.90. The 'DES3052P-L2MGMT-MIB' is selected in the left pane. The 'MIB Tree' pane shows the hierarchy: iso > swL2MgmtMIB > swL2DevMgmt > swL2DevCtrl > swL2DevCtrlManagementVlanId. The right pane displays the details for the selected object, matching the information in the first image.

Object name	swL2DevCtrlManagementVlanId
Object ID	1.3.6.1.4.1.171.11.63.9.2.1.2.5
Module	DES3052P-L2MGMT-MIB
Base syntax	Integer
Composed syntax	VlanId
Access	Read-Write
Status	Current
Value list	1 : 1..4094
Parent node	swL2DevCtrl
First child	None
Description	This object controls which Vlan includes system ip. A should have been created.

1.3.6.1.4.1.171.11.63.9.2.1.2.5

Object name	swL2DevCtrlManagementVlanId
Object ID	1.3.6.1.4.1.171.11.63.9.2.1.2.5
Module	DES3052P-L2MGMT-MIB
Base syntax	Integer
Composed syntax	VlanId
Access	Read-Write
Status	Current
Value list	1 : 1..4094
Parent node	swL2DevCtrl
First child	None
Description	This object controls which Vlan includes system ip. A should have been created.