

## How to configure VLAN via D-View compiler

Model : CISCO-2960-24TC

What MIB file we need in this document.

RFC1213-MIB, CISCO-VTP-MIB and CISCO-VLAN-MEMBERSHIP-MIB

Create VLAN

In order to check which VLANs are currently configured on the switch, issue an **snmpwalk** on the **vtpVlanState**

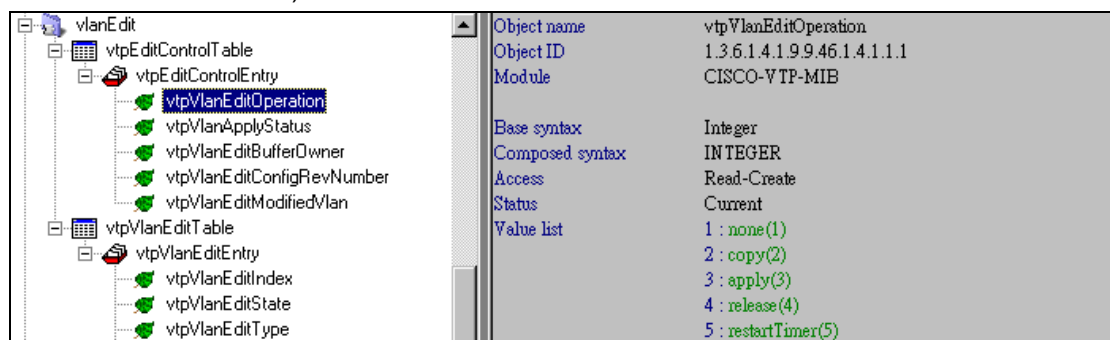
### Create VLAN

Example

Create VLAN VID 12 VLAN name Dlink\_TEST

### Procedure

1. In CISCO-VTP-MIB, change the vtpVlanEditOperation value to “copy” (Purpose: Enable VTP VLAN table for edit)



The screenshot shows the D-View compiler interface. On the left, a tree view displays the MIB structure under 'vlanEdit'. The 'vtpVlanEditOperation' object is selected and highlighted. On the right, the properties of this object are displayed in a table:

Object name	vtpVlanEditOperation
Object ID	1.3.6.1.4.1.99.46.1.4.1.1.1
Module	CISCO-VTP-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Create
Status	Current
Value list	1 : none(1) 2 : copy(2) 3 : apply(3) 4 : release(4) 5 : restartTimer(5)



**Set Value**

Remote IP  
10.90.90.90

Object Name  
vtpVlanEditOperation

Object ID  
1.3.6.1.4.1.9.9.46.1.4.1.1.1.1

Syntax  
Integer

Community String

Read Community String  
public

Write Community String  
private

Value to Set  
copy[2]

Set Cancel

2. Open vtpVlanEditTable to edit VLAN.

<ul style="list-style-type: none"> <li>vlanEdit <ul style="list-style-type: none"> <li>vtpEditControlTable <ul style="list-style-type: none"> <li>vtpEditControlEntry <ul style="list-style-type: none"> <li>vtpVlanEditOperation</li> <li>vtpVlanApplyStatus</li> <li>vtpVlanEditBufferOwner</li> <li>vtpVlanEditConfigRevNumber</li> <li>vtpVlanEditModifiedVlan</li> </ul> </li> <li><b>vtpVlanEditTable</b> <ul style="list-style-type: none"> <li>vtpVlanEditEntry <ul style="list-style-type: none"> <li>vtpVlanEditIndex</li> <li>vtpVlanEditState</li> <li>vtpVlanEditType</li> <li>vtpVlanEditName</li> <li>vtpVlanEditMtu</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul>	<p>Object name vtpVlanEditTable</p> <p>Object ID 1.3.6.1.4.1.9.9.46.1.4.2</p> <p>Module CISCO-VTP-MIB</p> <p>Base syntax Sequence Of vtpVlanEditEntry</p> <p>Access Not_Accessible</p> <p>Status Current</p> <p>Sequence</p> <ul style="list-style-type: none"> <li>1:vtpVlanEditIndex - Integer</li> <li>2:vtpVlanEditState - Integer</li> <li>3:vtpVlanEditType - Integer</li> <li>4:vtpVlanEditName - Octet String</li> <li>5:vtpVlanEditMtu - Integer</li> <li>6:vtpVlanEditDot1QSaId - Octet String</li> <li>7:vtpVlanEditRingNumber - Integer</li> <li>8:vtpVlanEditBridgeNumber - Integer</li> </ul>
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The screenshot shows a tree view on the left with 'vtpVlanEditTable' selected. A context menu is open over it, with 'Table View' highlighted. On the right, the properties for 'vtpVlanEditTable' are listed:

- Object name: vtpVlanEditTable
- Object ID: 1.3.6.1.4.1.99.46.1.4.2
- Module: CISCO-VTP-MIB
- Base syntax: Sequence Of vtpVlanEditEntry
- Access: Not\_Accessible
- Status: Current
- Sequence:
  - 1:vtpVlanEditIndex - Integer
  - 2:vtpVlanEditState - Integer
  - 3:vtpVlanEditType - Integer
  - 4:vtpVlanEditName - Octet String
  - 5:vtpVlanEditMtu - Integer
  - 6:vtpVlanEditDot10Said - Octet String
  - 7:vtpVlanEditRingNumber - Integer
  - 8:vtpVlanEditBridgeNumber - Integer
  - 9:vtpVlanEditStpType - Integer
  - 10:vtpVlanEditParentVlan - Integer
  - 11:vtpVlanEditRowStatus - Integer
  - 12:vtpVlanEditTranslationalVlan1 - Integer
  - 13:vtpVlanEditTranslationalVlan2 - Integer
  - 14:vtpVlanEditBridgeType - Integer
  - 15:vtpVlanEditAreHopCount - Integer
  - 16:vtpVlanEditSteHopCount - Integer
  - 17:vtpVlanEditIsCRFBackup - Integer
  - 18:vtpVlanEditTypeExt - 0
  - 19:vtpVlanEditTypeExt2 - 0

3. Click "Add Entry"

The screenshot shows a 'Browser Result' window for 'vtpVlanEditTable'. It includes a table with 8 columns: managementDomainIndex, vtpVlanEditIndex, vtpVlanEditState, vtpVlanEditType, vtpVlanEditName, vtpVlanEditMtu, and vtpVlanEditDot10Said. The table contains 8 rows of data. At the bottom, there are buttons for 'Query', 'Set Table', 'Add Entry', 'Stop', and 'Close'. The 'Add Entry' button is highlighted.

managementDomainIndex	vtpVlanEditIndex	vtpVlanEditState	vtpVlanEditType	vtpVlanEditName	vtpVlanEditMtu	vtpVlanEditDot10Said
1	1	operational(1)	ethernet(1)	default	1500	000186A1
1	4	operational(1)	ethernet(1)	VLAN0004	1500	000186A4
1	5	operational(1)	ethernet(1)	VLAN0005	1500	000186A5
1	11	operational(1)	ethernet(1)	test_11_gerald	1500	000186AB
1	1002	operational(1)	fddi(2)	fddi-default	1500	00018A8A
1	1003	operational(1)	tokenRing(3)	token-ring-default	1500	00018A8B
1	1004	operational(1)	fddiNet(4)	fddinet-default	1500	00018A8C
1	1005	operational(1)	trNet(5)	trnet-default	1500	00018A8D

4. Add parameter as following, the "000186AC" value please refer to CISCO document. After value input, click "Add Checked"

**Add Table Entry**

managementDomainIndex	1	<input checked="" type="checkbox"/>
vtpVlanEditIndex	12	<input checked="" type="checkbox"/>
vtpVlanEditState	operational(1)	<input checked="" type="checkbox"/>
vtpVlanEditType	ethernet(1)	<input checked="" type="checkbox"/>
vtpVlanEditName	Dlink_TEST	<input checked="" type="checkbox"/>
vtpVlanEditMtu		<input type="checkbox"/>
vtpVlanEditDot1QSaId	000186AC	<input checked="" type="checkbox"/>
vtpVlanEditRingNumber		<input type="checkbox"/>
vtpVlanEditBridgeNumber		<input type="checkbox"/>
vtpVlanEditStpType	ieee(1)	<input checked="" type="checkbox"/>
vtpVlanEditParentVlan		<input type="checkbox"/>
vtpVlanEditRowStatus	createAndGo(4)	<input checked="" type="checkbox"/>
vtpVlanEditTranslationalVlan1		<input type="checkbox"/>
vtpVlanEditTranslationalVlan2		<input type="checkbox"/>
vtpVlanEditBridgeType		<input type="checkbox"/>
vtpVlanEditAreHopCount		<input type="checkbox"/>
vtpVlanEditSteHopCount		<input type="checkbox"/>
vtpVlanEditIsCRFBackup		<input type="checkbox"/>
vtpVlanEditTypeExt		<input type="checkbox"/>
vtpVlanEditTypeExt2		<input type="checkbox"/>

5. Click Query again, we will find VLAN 12 appear.

managementDomainIndex	vtpVlanEditIndex	vtpVlanEditState	vtpVlanEditType	vtpVlanEditName	vtpVlanEditMtu	vtpVlanEditDot1QsAid
1	1	operational(1)	ethernet(1)	default	1500	000186A1
1	4	operational(1)	ethernet(1)	VLAN0004	1500	000186A4
1	5	operational(1)	ethernet(1)	VLAN0005	1500	000186A5
1	11	operational(1)	ethernet(1)	test_11_gerald	1500	000186AB
1	12	operational(1)	ethernet(1)	Dlink_TEST	1500	000186AC
1	1002	operational(1)	fddi(2)	fddi-default	1500	00018A8A
1	1003	operational(1)	tokenRing(3)	token-ring-default	1500	00018A8B
1	1004	operational(1)	fddiNet(4)	fddinet-default	1500	00018A8C
1	1005	operational(1)	trNet(5)	trnet-default	1500	00018A8D
1	1	(NOTDONE)	(NOTDONE)	(NOTDONE)	(NOTDONE)	(NOTDONE)

6. Back to vtpVlanEditOperation , first, change the value to “apply”, wait for some second, then change value to “release”.

Object name	vtpVlanEditOperation
Object ID	1.3.6.1.4.1.99.46.1.4.1.1.1
Module	CISCO-VTP-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Create
Status	Current
Value list	1 : none(1) 2 : copy(2) 3 : apply(3) 4 : release(4) 5 : restartTimer(5)

Set Value

Remote IP  
10.90.90.90

Object Name  
vtpVlanEditOperation

Object ID  
1.3.6.1.4.1.9.9.46.1.4.1.1.1.1

Syntax  
Integer

Community String

Read Community String public	Write Community String private
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Value to Set  
apply(3)

Set Cancel

Set Value

Remote IP  
10.90.90.90

Object Name  
vtpVlanEditOperation

Object ID  
1.3.6.1.4.1.9.9.46.1.4.1.1.1.1

Syntax  
Integer

Community String

Read Community String public	Write Community String private
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Value to Set  
release(4)

Set Cancel

7. Go to vtpVlanTable to check whether the vlan 12 is added.

Object name: vtpVlanTable  
 Object ID: 1.3.6.1.4.1.99.46.1.3.1  
 Module: CISCO-VTP-MIB  
 Base syntax: Sequence Of vtpVlanEntry  
 Access: Not\_Accessible  
 Status: Current  
 Sequence:  
 1:vtpVlanIndex - Integer  
 2:vtpVlanState - Integer  
 3:vtpVlanType - Integer  
 4:vtpVlanName - Octet String  
 5:vtpVlanMtu - Integer

Browser Result Node : vtpVlanTable

Agent IP : 10.90.90.90 Time out : 2 Sec. Poll every 30 Sec.

managementDomainIndex	vtpVlanIndex	vtpVlanState	vtpVlanType	vtpVlanName	vtpVlanMtu	vtpVlanDot10Said	vtpVlanRingNumber
1	1	operational(1)	ethernet(1)	default	1500	000186A1	0
1	4	operational(1)	ethernet(1)	VLAN0004	1500	000186A4	(NOTDONE)
1	5	operational(1)	ethernet(1)	VLAN0005	1500	000186A5	0
1	11	operational(1)	ethernet(1)	test_11_gerald	1500	000186AB	(NOTDONE)
1	12	operational(1)	ethernet(1)	Dlink_TEST	1500	000186AC	0
1	1002	operational(1)	fddi(2)	fddi-default	1500	00018A8A	(NOTDONE)
1	1003	operational(1)	tokenRing(3)	token-ring-default	1500	00018A8B	0
1	1004	operational(1)	fddiNet(4)	fddinet-default	1500	00018A8C	(NOTDONE)
1	1005	operational(1)	trNet(5)	trnet-default	1500	00018A8D	(NOTDONE)
1	1	(NOTDONE)	(NOTDONE)	(NOTDONE)	(NOTDO...	(NOTDONE)	(NOTDONE)

Count : 10 Access Mode : SNMP V2c Port : 161 Query OK





2. Change vtpVlanEditRowStatus to “destroy”, click “Set Checked”

The image shows a 'Set Table' dialog box with the following fields and values:

managementDomainIndex	1	
vtpVlanEditIndex	12	
vtpVlanEditState	operational(1)	<input type="checkbox"/>
vtpVlanEditType	ethernet(1)	<input type="checkbox"/>
vtpVlanEditName	Dlink_TEST	<input type="checkbox"/>
vtpVlanEditMtu	1500	<input type="checkbox"/>
vtpVlanEditDot1QsaId	000186AC	<input type="checkbox"/>
vtpVlanEditRingNumber	0	<input type="checkbox"/>
vtpVlanEditBridgeNumber	0	<input type="checkbox"/>
vtpVlanEditStpType	ibm(2)	<input type="checkbox"/>
vtpVlanEditParentVlan	0	<input type="checkbox"/>
vtpVlanEditRowStatus	destroy(6)	<input checked="" type="checkbox"/>
vtpVlanEditTranslationalVlan1	0	<input type="checkbox"/>
vtpVlanEditTranslationalVlan2	0	<input type="checkbox"/>
vtpVlanEditBridgeType		<input type="checkbox"/>
vtpVlanEditAreHopCount	7	<input type="checkbox"/>
vtpVlanEditSteHopCount	7	<input type="checkbox"/>
vtpVlanEditIsCRFBackup	false(2)	<input type="checkbox"/>
vtpVlanEditTypeExt	(NOTDONE)	
vtpVlanEditTypeExt2	80	<input type="checkbox"/>

Buttons: Set All, Set Checked

3. Click Query to check again, VLAN 12 is delete for “vtpVlanEditTable”

Browser Result Node : vtpVlanEditTable

Agent IP : 10.90.90.90 Time out : 2 Sec. Poll every 30 Sec.

!	managementDomainIndex	!	vtpVlanEditIndex	vtpVlanEditState	vtpVlanEditType	vtpVlanEditName	vtpVlanEditMtu	vtpVlanEditDot10Said
	1		1	operational(1)	ethernet(1)	default	1500	000186A1
	1		4	operational(1)	ethernet(1)	VLAN0004	1500	000186A4
	1		5	operational(1)	ethernet(1)	VLAN0005	1500	000186A5
	1		11	operational(1)	ethernet(1)	test_11_gerald	1500	000186AB
	1		1002	operational(1)	fddi(2)	fddi-default	1500	00018A8A
	1		1003	operational(1)	tokenRing(3)	token-ring-default	1500	00018A8B
	1		1004	operational(1)	fddiNet(4)	fddinet-default	1500	00018A8C
	1		1005	operational(1)	trNet(5)	trnet-default	1500	00018A8D

Count : 8 Access Mode : SNMP V2c Port : 161 Query OK

4. Back to vtpVlanEditOperation , change value to “apply”, wait for some seconds, change value to “release”.

Check “vtpVlanTable”, make sure VLAN 12 is remove.

Browser Result Node : vtpVlanTable

Agent IP : 10.90.90.90 Time out : 2 Sec. Poll every 30 Sec.

!	managementDomainIndex	!	vtpVlanIndex	vtpVlanState	vtpVlanType	vtpVlanName	vtpVlanMtu	vtpVlanDot10Said	vtpVlanRingNumber
	1		1	operational(1)	ethernet(1)	default	1500	000186A1	0
	1		4	operational(1)	ethernet(1)	VLAN0004	1500	000186A4	(NOTDONE)
	1		5	operational(1)	ethernet(1)	VLAN0005	1500	000186A5	0
	1		11	operational(1)	ethernet(1)	test_11_gerald	1500	000186AB	(NOTDONE)
	1		1002	operational(1)	fddi(2)	fddi-default	1500	00018A8A	0
	1		1003	operational(1)	tokenRing(3)	token-ring-default	1500	00018A8B	(NOTDONE)
	1		1004	operational(1)	fddiNet(4)	fddinet-default	1500	00018A8C	0
	1		1005	operational(1)	trNet(5)	trnet-default	1500	00018A8D	(NOTDONE)

Count : 8 Access Mode : SNMP V2c Port : 161 Query OK

```
Switch#show vlan
```

VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/6, Fa0/7, Fa0/8, Fa0/9 Fa0/10, Fa0/11, Fa0/12, Fa0/13 Fa0/14, Fa0/15, Fa0/16, Fa0/17 Fa0/18, Fa0/19, Fa0/20, Fa0/21 Fa0/22, Fa0/23, Fa0/24, Gi0/1 Gi0/2
4	VLAN0004	active	
5	VLAN0005	active	
11	test_ll_gerald	active	Fa0/5
1002	fddi-default	act/unsup	
1003	token-ring-default	act/unsup	
1004	fddinet-default	act/unsup	
1005	trnet-default	act/unsup	

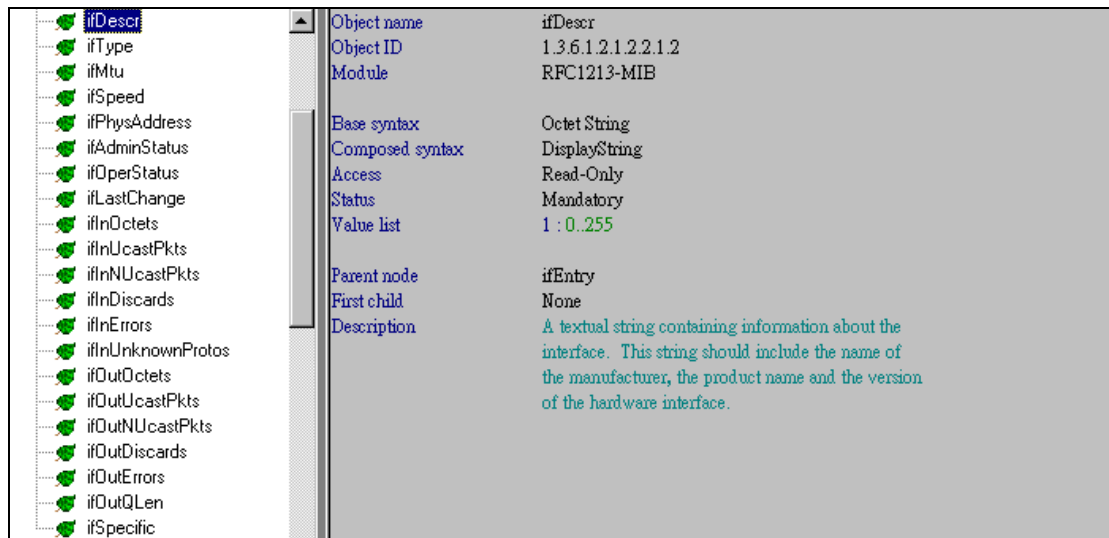
## Assign port to VLAN

### Example

Change port 5 to VLAN 11

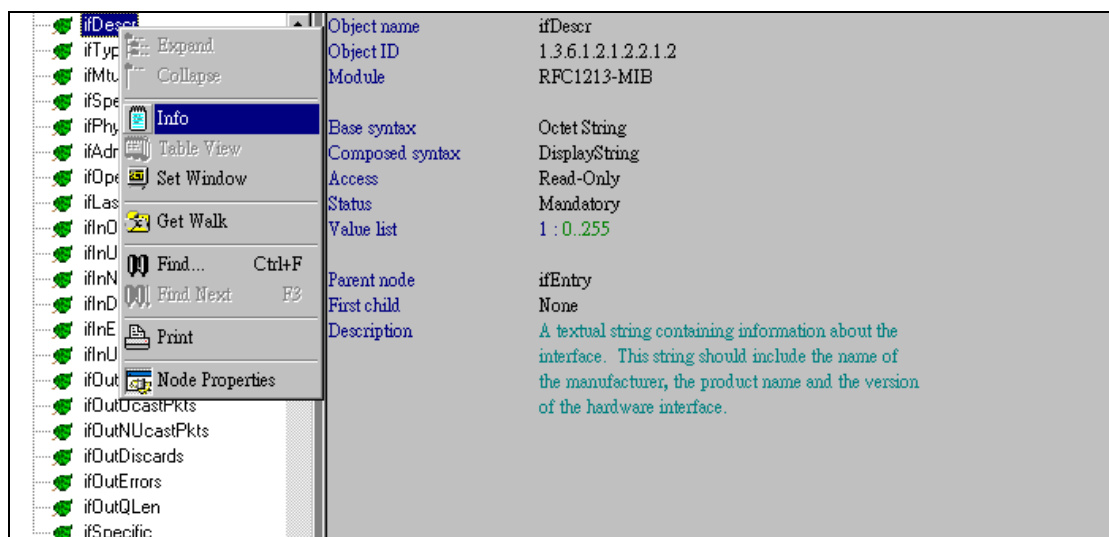
### Procedure

1. Check the port OID. ( RFC1213-MIB)



The screenshot shows a tree view on the left with 'ifDescr' selected. The right pane displays the following details:

Object name	ifDescr
Object ID	1.3.6.1.2.1.2.2.1.2
Module	RFC1213-MIB
Base syntax	Octet String
Composed syntax	DisplayString
Access	Read-Only
Status	Mandatory
Value list	1 : 0.255
Parent node	ifEntry
First child	None
Description	A textual string containing information about the interface. This string should include the name of the manufacturer, the product name and the version of the hardware interface.



The screenshot shows the same interface as above, but with a context menu open over the 'ifDescr' object in the tree view. The menu options are:

- Expand
- Collapse
- Info
- Table View
- Set Window
- Get Walk
- Find... (Ctrl+F)
- Find Next (F3)
- Print
- Node Properties

The right pane details are identical to the previous screenshot.

Browser Result Node: ifDescr

Agent IP: 10.90.90.90 Time out: 2 Sec. Poll every 30 Sec.

Name	OID	Syntax	Access	Value
ifDescr	1.3.6.1.2.1.2.2.1.2.1	Display String	Read Only	Vlan1
ifDescr	1.3.6.1.2.1.2.2.1.2.5001	Display String	Read Only	Port-channel1
ifDescr	1.3.6.1.2.1.2.2.1.2.10001	Display String	Read Only	FastEthernet0/1
ifDescr	1.3.6.1.2.1.2.2.1.2.10002	Display String	Read Only	FastEthernet0/2
ifDescr	1.3.6.1.2.1.2.2.1.2.10003	Display String	Read Only	FastEthernet0/3
ifDescr	1.3.6.1.2.1.2.2.1.2.10004	Display String	Read Only	FastEthernet0/4
ifDescr	1.3.6.1.2.1.2.2.1.2.10005	Display String	Read Only	FastEthernet0/5
ifDescr	1.3.6.1.2.1.2.2.1.2.10006	Display String	Read Only	FastEthernet0/6
ifDescr	1.3.6.1.2.1.2.2.1.2.10007	Display String	Read Only	FastEthernet0/7
ifDescr	1.3.6.1.2.1.2.2.1.2.10008	Display String	Read Only	FastEthernet0/8
ifDescr	1.3.6.1.2.1.2.2.1.2.10009	Display String	Read Only	FastEthernet0/9
ifDescr	1.3.6.1.2.1.2.2.1.2.10010	Display String	Read Only	FastEthernet0/10
ifDescr	1.3.6.1.2.1.2.2.1.2.10011	Display String	Read Only	FastEthernet0/11
ifDescr	1.3.6.1.2.1.2.2.1.2.10012	Display String	Read Only	FastEthernet0/12
ifDescr	1.3.6.1.2.1.2.2.1.2.10013	Display String	Read Only	FastEthernet0/13
ifDescr	1.3.6.1.2.1.2.2.1.2.10014	Display String	Read Only	FastEthernet0/14
ifDescr	1.3.6.1.2.1.2.2.1.2.10015	Display String	Read Only	FastEthernet0/15
ifDescr	1.3.6.1.2.1.2.2.1.2.10016	Display String	Read Only	FastEthernet0/16
ifDescr	1.3.6.1.2.1.2.2.1.2.10017	Display String	Read Only	FastEthernet0/17
ifDescr	1.3.6.1.2.1.2.2.1.2.10018	Display String	Read Only	FastEthernet0/18
ifDescr	1.3.6.1.2.1.2.2.1.2.10019	Display String	Read Only	FastEthernet0/19
ifDescr	1.3.6.1.2.1.2.2.1.2.10020	Display String	Read Only	FastEthernet0/20

Count: 29 Access Mode: SNMP V2c Port: 161 Query OK

2. In CISCO-VLAN-MEMBERSHIP-MIB select port , and assign it to VLAN 11

Object name: vmVlan  
 Object ID: 1.3.6.1.4.1.99.68.1.2.2.1.2  
 Module: CISCO-VLAN-MEMBERSHIP-MIB  
 Base syntax: Integer  
 Composed syntax: INTEGER  
 Access: Read-Write  
 Status: Current  
 Value list: 1 : 0.4095  
 Parent node: vmMembershipEntry  
 First child: None  
 Description: The VLAN id of the VLAN the port is assigned to when vmVlanType is set to static or dynamic. This object is not instantiated if not applicable.

Browser Result Node : vmVlan

Agent IP : 10.90.90.90      Time out : 2 Sec.    Poll every 30 Sec.

Name	OID	Syntax	Access	Value
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.5001	Integer	Read Write	0
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10001	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10002	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10003	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10004	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10005	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10006	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10007	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10008	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10009	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10010	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10011	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10012	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10013	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10014	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10015	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10016	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10017	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10018	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10019	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10020	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10021	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10022	Integer	Read Write	1

Count : 27      Access Mode : SNMP V2c      Port : 161      Query OK

Set Value

Remote IP: 10.90.90.90

Object Name: vmVlan

Object ID: 1.3.6.1.4.1.9.9.68.1.2.2.1.2.10005

Syntax: Integer

Community String:  
 Read Community String: public      Write Community String: private

Value to Set: 11

Set      Cancel

3. Click query again, to check VLAN status.

Browser Result Mode : vmVlan

Agent IP : 10.90.90.90 Time out : 2 Sec.  Poll every 30 Sec.

Name	OID	Syntax	Access	Value
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.5001	Integer	Read Write	0
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10001	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10002	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10003	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10004	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10005	Integer	Read Write	11
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10006	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10007	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10008	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10009	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10010	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10011	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10012	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10013	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10014	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10015	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10016	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10017	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10018	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10019	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10020	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10021	Integer	Read Write	1
vmVlan	1.3.6.1.4.1.9.9.68.1.2.2.1.2.10022	Integer	Read Write	1

Count : 27 Access Mode : SNMP V2c Port : 161 Query OK

```
Switch#show vlan
VLAN Name                Status    Ports
-----
1    default                 active    Fa0/1, Fa0/2, Fa0/3, Fa0/4
                                           Fa0/6, Fa0/7, Fa0/8, Fa0/9
                                           Fa0/10, Fa0/11, Fa0/12, Fa0/13
                                           Fa0/14, Fa0/15, Fa0/16, Fa0/17
                                           Fa0/18, Fa0/19, Fa0/20, Fa0/21
                                           Fa0/22, Fa0/23, Fa0/24, Gi0/1
                                           Gi0/2
4    VLAN0004                active
5    VLAN0005                active
11   test_11_gerald          active    Fa0/5
1002 fddi-default            act/unsup
1003 token-ring-default     act/unsup
1004 fddinet-default        act/unsup
1005 trnet-default          act/unsup
```