




## OID for VLAN

Module:	Q-BRIDGE-MIB
Name:	dot1qVlanStaticEntry
Type:	OBJECT-TYPE
OID:	1.3.6.1.2.1.17.7.1.4.3.1
Full path:	iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1).dot1dBridge(17).qBridgeMIB
Module:	Q-BRIDGE-MIB
Parent:	dot1qVlanStaticTable
First child:	dot1qVlanStaticName
Numerical syntax:	Null
Base syntax:	Dot1qVlanStaticEntry
Composed syntax:	Dot1qVlanStaticEntry
Status:	current
Max access:	not-accessible
Sequences:	1: dot1qVlanStaticName - SnmpAdminString(4 - octets) 2: dot1qVlanStaticEgressPorts - PortList(4 - octets) 3: dot1qVlanForbiddenEgressPorts - PortList(4 - octets) 4: dot1qVlanStaticUntaggedPorts - PortList(4 - octets) 5: dot1qVlanStaticRowStatus - RowStatus(2 - int, int32)
Indexes:	1: dot1qVlanIndex
Description:	Static information for a VLAN configured into the device by (local or network) management.

Module: Q-BRIDGE-MIB

Name:	dot1qVlanStaticName
Type:	OBJECT-TYPE
OID:	1.3.6.1.2.1.17.7.1.4.3.1.1
Full path:	iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1).dot1dBridge(17).qBridgeMIB
Module:	Q-BRIDGE-MIB
Parent:	dot1qVlanStaticEntry
Next sibling:	dot1qVlanStaticEgressPorts
Numerical syntax:	Octets
Base syntax:	OCTET STRING
Composed syntax:	SnmppAdminString
Status:	current
Max access:	read-create
Size list:	1:0..32
Reference:	IEEE 802.1Q/D11 Section 12.10.2.1
Description:	An administratively assigned string, which may be used to identify the VLAN.

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The screenshot shows a window titled 'Module: Q-BRIDGE-MIB'. It displays the following information for the object 'dot1qVlanStaticEgressPorts':

- Name: dot1qVlanStaticEgressPorts
- Type: OBJECT-TYPE
- OID: 1.3.6.1.2.1.17.7.1.4.3.1.2
- Full path: iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1).dot1dBridge(17).qBridge
- Module: Q-BRIDGE-MIB
- Parent: dot1qVlanStaticEntry
- Prev sibling: dot1qVlanStaticName
- Next sibling: dot1qVlanForbiddenEgressPorts
- Numerical syntax: Octets
- Base syntax: OCTET STRING
- Composed syntax: PortList
- Status: current
- Max access: read-create
- Reference: IEEE 802.1Q/D11 Section 12.7.7.3, 11.2.3.2.3
- Description: The set of ports which are permanently assigned to the egress list for this VLAN by management. Changes to a bit in this object affect the per-port per-VLAN Registrar control for Registration Fixed for the relevant GVRP state machine on each port. A port may not be added in this set if it is already a member of the set of ports in dot1qVlanForbiddenEgressPorts. The default value of this object is a string of zeros of appropriate length, indicating not fixed.

The screenshot shows a window titled 'Module: Q-BRIDGE-MIB'. It displays the following information for the object 'dot1qVlanForbiddenEgressPorts':

- Name: dot1qVlanForbiddenEgressPorts
- Type: OBJECT-TYPE
- OID: 1.3.6.1.2.1.17.7.1.4.3.1.3
- Full path: iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1).dot1dBridge(17).qBridge
- Module: Q-BRIDGE-MIB
- Parent: dot1qVlanStaticEntry
- Prev sibling: dot1qVlanStaticEgressPorts
- Next sibling: dot1qVlanStaticUntaggedPorts
- Numerical syntax: Octets
- Base syntax: OCTET STRING
- Composed syntax: PortList
- Status: current
- Max access: read-create
- Reference: IEEE 802.1Q/D11 Section 12.7.7.3, 11.2.3.2.3
- Description: The set of ports which are prohibited by management from being included in the egress list for this VLAN. Changes to this object that cause a port to be included or excluded affect the per-port per-VLAN Registrar control for Registration Forbidden for the relevant GVRP state machine on each port. A port may not be added in this set if it is already a member of the set of ports in dot1qVlanStaticEgressPorts. The default value of this object is a string of zeros of appropriate length,

The screenshot displays a window titled "Module: Q-BRIDGE-MIB". It contains a list of attributes and their values for the object "dot1qVlanStaticUntaggedPorts". The attributes include Name, Type, OID, Full path, Module, Parent, Prev sibling, Next sibling, Numerical syntax, Base syntax, Composed syntax, Status, Max access, Reference, and Description. The Description field contains a detailed paragraph explaining the function of this MIB object.

Module:	Q-BRIDGE-MIB
Name:	dot1qVlanStaticUntaggedPorts
Type:	OBJECT-TYPE
OID:	1.3.6.1.2.1.17.7.1.4.3.1.4
Full path:	iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1).dot1dBridge(17).qBridge
Module:	Q-BRIDGE-MIB
Parent:	dot1qVlanStaticEntry
Prev sibling:	dot1qVlanForbiddenEgressPorts
Next sibling:	dot1qVlanStaticRowStatus
Numerical syntax:	Octets
Base syntax:	OCTET STRING
Composed syntax:	PortList
Status:	current
Max access:	read-create
Reference:	IEEE 802.1Q/D11 Section 12.10.2.1
Description:	The set of ports which should transmit egress packets for this VLAN as untagged. The default value of this object for the default VLAN (dot1qVlanIndex = 1) is a string of appropriate length including all ports. There is no specified default for other VLANs. If a device agent cannot support the set of ports being set then it will reject the set operation with an error. An example might be if a manager attempts to set more than one VLAN to be untagged on egress where the device does not support this IEEE 802.1Q

Module: Q-BRIDGE-MIB

Name:	dot1qVlanStaticRowStatus
Type:	OBJECT-TYPE
OID:	1.3.6.1.2.1.17.7.1.4.3.1.5
Full path:	iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1).dot1dBridge(17).qBridgeMIB
Module:	Q-BRIDGE-MIB
Parent:	dot1qVlanStaticEntry
Prev sibling:	dot1qVlanStaticUntaggedPorts
Numerical syntax:	Integer (32 bit)
Base syntax:	INTEGER
Composed syntax:	RowStatus
Status:	current
Max access:	read-create
Description:	This object indicates the status of this entry.

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