

How to configure IGMP snooping on DES-3200 Series

Related configuration located in

swL2MgmtMIB

1.3.6.1.4.1.171.11.113.1.1.2.1 [DES-3200-10](#)
1.3.6.1.4.1.171.11.113.1.2.2.1 [DES-3200-18](#)
1.3.6.1.4.1.171.11.113.1.4.2.1 [DES-3200-28F](#)
1.3.6.1.4.1.171.11.113.1.3.2.1 [DES-3200-28](#)

Example

```
IGMP Snooping Global State      : Enabled
Multicast Router Only           : Disabled
Data Driven Learning Max Entries : 56

VLAN Name                       : default
Query Interval                  : 125
Max Response Time               : 25
Robustness Value                : 2
Last Member Query Interval      : 1
Querier State                   : Enabled
Querier Role                    : Querier
Querier IP                      : 10.90.90.90
Querier Expiry Time             : 0 secs
State                           : Enabled
Fast Leave                      : Disabled
Version                         : 3
Data Driven Learning Aged Out   : Disabled
```

```
# snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.11.113.1.4.2.1.2.7.0 i 3
1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.2.1 i 125 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.3.1 i 25
1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.9.1 i 3 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.11.1 i 3
```

Enable IGMP global configuration

```
#snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.11.113.1.4.2.1.2.7.0 i 3
```

2- Disable

3- Enable

Query interval 125 Sec

```
#snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.2.1 i 125
```

Max response time 25 Sec

```
#snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.3.1 i 25
```

Configure IGMP Query State

```
#snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.9.1 i 2
```

2- disable

3- enable

Configure IGMP Ctrl State

```
#snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.11.1 i 3
```

2- disable

3- enable

Configure IGMP fast leave

```
#snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.12.1 i 2
```

2- disable

3- enable

The related OID (Example DES-320028F)

The screenshot shows a MIB browser interface. On the left, a tree view displays the hierarchy of MIB nodes under 'swL2IGMPCtrlTable'. The right pane shows the details for the selected 'swL2IGMPCtrlTable' node.

Object name	swL2IGMPCtrlTable
Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.3
Module	DES3200-28F-L2MGMT-MIB
Base syntax	Sequence Of swL2IGMPCtrlEntry
Access	Not_Accessible
Status	Current
Sequence	1:swL2IGMPCtrlVid - Integer 2:swL2IGMPQueryInterval - Integer 3:swL2IGMPMaxResponseTime - Integer 4:swL2IGMPRobustness - Integer 5:swL2IGMPLastMemberQueryInterval - Integer 6:swL2IGMPQueryState - Integer 7:swL2IGMPCurrentState - Integer 8:swL2IGMPCtrlState - Integer 9:swL2IGMPFastLeave - Integer 10:swL2IGMPDynIPMultVlanAge - Integer
Parent node	swIGMPPackage
First child	swL2IGMPCtrlEntry
Description	The table controls the VLAN's IGMP function. Its scale depends on the current VLAN state (swL2VlanInfoStatus). If the VLAN mode is disabled, there is only one entry in the table, with index 1. If VLAN is in Port-Based or 802.1q mode, the number of entries can be up to 12, with an index range from 1 to 12.

The screenshot shows a MIB browser interface. On the left, a tree view displays the hierarchy of MIB nodes under 'swL2IGMPCtrlTable'. The right pane shows the details for the selected 'swL2IGMPCtrlVid' node.

Object name	swL2IGMPCtrlVid
Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.1
Module	DES3200-28F-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swL2IGMPCtrlEntry
First child	None
Description	This object indicates the IGMP control entry's VLAN ID. If VLAN is disabled, the VID is always 0 and cannot be changed by management users. If VLAN is in Port-Based mode, the VID is arranged from 1 to 12, fixed form. If VLAN is in 802.1q mode, the VID setting can vary from 1 to 4094 by management user, and the VID in each entry must be unique in the IGMP Control Table.

<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriPMPuVlanAge swL2IGMPQueryInfoTable swL2IGMPQueryInfoEntry 	Object name	swL2IGMPQueryInterval
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.2
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	INTEGER
	Access	Read-Write
	Status	Current
	Value list	1 : 1..65535
	Parent node	swL2IGMPCtrlEntry
	First child	None
Description	The frequency at which IGMP Host-Query packets are transmitted on this switch.	

<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriPMPuVlanAge swL2IGMPQueryInfoTable swL2IGMPQueryInfoEntry 	Object name	swL2IGMPMaxResponseTime
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.3
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	INTEGER
	Access	Read-Write
	Status	Current
	Value list	1 : 1..25
	Parent node	swL2IGMPCtrlEntry
	First child	None
Description	The maximum query response time on this switch.	

<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriPMPuVlanAge swL2IGMPQueryInfoTable swL2IGMPQueryInfoEntry swL2IGMPInfoVid swL2IGMPInfoQueryCount 	Object name	swL2IGMPRobustness
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.4
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	INTEGER
	Access	Read-Write
	Status	Current
	Value list	1 : 1..255
	Parent node	swL2IGMPCtrlEntry
	First child	None
Description	The Robustness Variable allows tuning for the expected packet loss on a subnet. If a subnet is expected to be lossy, the Robustness Variable may be increased. IGMP is robust to (Robustness Variable-1) packet losses.	

<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriPMPuVlanAge swL2IGMPQueryInfoTable swL2IGMPQueryInfoEntry swL2IGMPInfoVid swL2IGMPInfoQueryCount 	Object name	swL2IGMPLastMemberQueryInterval
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.5
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	INTEGER
	Access	Read-Write
	Status	Current
	Value list	1 : 1..25
	Parent node	swL2IGMPCtrlEntry
	First child	None
Description	The Last Member Query Interval is the Max Response Time inserted into Group-Specific Queries sent in response to Leave Group messages, and is also the amount of time between Group-Specific Query messages.	

<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriPMPuVlanAge swL2IGMPQueryInfoTable swL2IGMPQueryInfoEntry swL2IGMPInfoVid 	Object name	swL2IGMPQueryState
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.9
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	INTEGER
	Access	Read-Write
	Status	Current
	Value list	1 : other(1) 2 : disabled(2) 3 : enabled(3)
	Parent node	swL2IGMPCtrlEntry
	First child	None
Description	This object decides if the IGMP query is enabled or disabled.	

<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriPMPuVlanAge swL2IGMPQueryInfoTable swL2IGMPQueryInfoEntry swL2IGMPInfoVid 	Object name	swL2IGMPCurrentState
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.10
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	INTEGER
	Access	Read-Only
	Status	Current
	Value list	1 : other(1) 2 : querier(2) 3 : non-querier(3)
	Parent node	swL2IGMPCtrlEntry
	First child	None
Description	This object indicates the current IGMP query state.	

<ul style="list-style-type: none"> swL2IGMPCtrlTable <ul style="list-style-type: none"> swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDynIPMultVlanAge swL2IGMPQueryInfoTable <ul style="list-style-type: none"> swL2IGMPQueryInfoEntry <ul style="list-style-type: none"> swL2IGMPInfoVid swL2IGMPInfoQueryCount swL2IGMPInfoTxQueryCount swL2IGMPRouterPortTable <ul style="list-style-type: none"> swL2IGMPRouterPortEntry <ul style="list-style-type: none"> swL2IGMPRouterPortVlanId swL2IGMPRouterPortVlanName 	<p>Object name swL2IGMPCtrlState Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.11 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer Composed syntax INTEGER Access Read-Write Status Current Value list 1 : other(1) 2 : disable(2) 3 : enable(3)</p> <p>Parent node swL2IGMPCtrlEntry First child None Description This object indicates the status of this entry.</p> <p>other (1) - This entry is currently in use but the conditions under which it will remain so are different from each of the following values. disable (2) - IGMP function is disabled for this entry. enable (3) - IGMP function is enabled for this entry.</p>
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<ul style="list-style-type: none"> swL2IGMPCtrlTable <ul style="list-style-type: none"> swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDynIPMultVlanAge swL2IGMPQueryInfoTable <ul style="list-style-type: none"> swL2IGMPQueryInfoEntry 	<p>Object name swL2IGMPFastLeave Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.12 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer Composed syntax INTEGER Access Read-Write Status Current Value list 1 : other(1) 2 : disable(2) 3 : enable(3)</p> <p>Parent node swL2IGMPCtrlEntry First child None Description</p>
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<ul style="list-style-type: none"> swL2IGMPCtrlTable <ul style="list-style-type: none"> swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDynIPMultVlanAge swL2IGMPQueryInfoTable <ul style="list-style-type: none"> swL2IGMPQueryInfoEntry 	<p>Object name swL2IGMPDynIPMultVlanAge Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.3.1.14 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer Composed syntax INTEGER Access Read-Write Status Current Value list 1 : enabled(1) 2 : disabled(2)</p> <p>Parent node swL2IGMPCtrlEntry First child None Description This object is used to enable or disable aging on the dynamic IP multicast entry in this VLAN.</p>
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<ul style="list-style-type: none"> swL2IGMPRouterPortTable <ul style="list-style-type: none"> swL2IGMPRouterPortEntry <ul style="list-style-type: none"> swL2IGMPRouterPortVlanId swL2IGMPRouterPortVlanName swL2IGMPRouterPortStaticPortList swL2IGMPRouterPortDynamicPortList swL2IGMPRouterPortForbiddenPortList swL2IGMPAccessAuthTable <ul style="list-style-type: none"> swL2IGMPAccessAuthEntry <ul style="list-style-type: none"> swL2IGMPAccessAuthPort swL2IGMPAccessAuthState swL2IGMPMulticastVlanTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort 	<p>Object name swL2IGMPRouterPortTable Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.6 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Sequence Of swL2IGMPRouterPortEntry Access Not_Accessible Status Current Sequence 1:swL2IGMPRouterPortVlanId - Integer 2:swL2IGMPRouterPortVlanName - Octet String 3:swL2IGMPRouterPortStaticPortList - Octet String 4:swL2IGMPRouterPortDynamicPortList - Octet String 5:swL2IGMPRouterPortForbiddenPortList - Octet String</p> <p>Parent node swIGMPPackage First child swL2IGMPRouterPortEntry Description The information of the router port table.</p>
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<ul style="list-style-type: none"> swL2IGMPRouterPortTable <ul style="list-style-type: none"> swL2IGMPRouterPortEntry <ul style="list-style-type: none"> swL2IGMPRouterPortVlanId swL2IGMPRouterPortVlanName swL2IGMPRouterPortStaticPortList swL2IGMPRouterPortDynamicPortList swL2IGMPRouterPortForbiddenPortList swL2IGMPAccessAuthTable <ul style="list-style-type: none"> swL2IGMPAccessAuthEntry <ul style="list-style-type: none"> swL2IGMPAccessAuthPort swL2IGMPAccessAuthState swL2IGMPMulticastVlanTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanEntry 	<p>Object name swL2IGMPRouterPortEntry Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.6.1 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Sequence Access Not_Accessible Status Current Index 1.swL2IGMPRouterPortVlanId</p> <p>Parent node swL2IGMPRouterPortTable First child swL2IGMPRouterPortVlanId Description The entry of the swL2IGMPRouterPortTable.</p>
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<ul style="list-style-type: none"> swL2IGMPRouterPortTable swL2IGMPRouterPortEntry <ul style="list-style-type: none"> swL2IGMPRouterPortVlanId swL2IGMPRouterPortVlanName swL2IGMPRouterPortStaticPortList swL2IGMPRouterPortDynamicPortList swL2IGMPRouterPortForbiddenPortList swL2IGMPAccessAuthTable <ul style="list-style-type: none"> swL2IGMPAccessAuthEntry <ul style="list-style-type: none"> swL2IGMPAccessAuthPort swL2IGMPAccessAuthState swL2IGMPMulticastVlanTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanEntry 	<p>Object name swL2IGMPRouterPortVlanId Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.6.1.1 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer Composed syntax INTEGER Access Read-Only Status Current Value list 1 : 1..4094</p> <p>Parent node swL2IGMPRouterPortEntry First child None Description This object indicates the VLAN ID of the router port entry.</p>
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<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriFPMulVlanAge swL2IGMPQueryInfoTable <ul style="list-style-type: none"> swL2IGMPQueryInfoEntry 	<p>Object name swL2IGMPQueryInfoEntry Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.4.1 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Sequence Access Not_Accessible Status Current Index 1.swL2IGMPInfoVid</p> <p>Parent node swL2IGMPQueryInfoTable First child swL2IGMPInfoVid Description Information about current IGMP query information, provided that swL2DevCtrlIGMPSnooping and swL2IGMPCtrlState of associated VLAN entry are all enabled.</p>
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<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriFPMulVlanAge swL2IGMPQueryInfoTable <ul style="list-style-type: none"> swL2IGMPQueryInfoEntry <ul style="list-style-type: none"> swL2IGMPInfoVid swL2IGMPInfoQueryCount swL2IGMPInfoTxQueryCount 	<p>Object name swL2IGMPInfoVid Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.4.1.1 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer Composed syntax INTEGER Access Read-Only Status Current Value list 1 : 0..65535</p> <p>Parent node swL2IGMPQueryInfoEntry First child None Description This object indicates the VID of the associated IGMP info table entry. It follows swL2IGMPCtrlVid in the associated entry of IGMP control table (swL2IGMPCtrlTable).</p>
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<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriFPMulVlanAge swL2IGMPQueryInfoTable <ul style="list-style-type: none"> swL2IGMPQueryInfoEntry <ul style="list-style-type: none"> swL2IGMPInfoVid swL2IGMPInfoQueryCount swL2IGMPInfoTxQueryCount 	<p>Object name swL2IGMPInfoQueryCount Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.4.1.2 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer Composed syntax INTEGER Access Read-Only Status Current Value list 1 : 0..65535</p> <p>Parent node swL2IGMPQueryInfoEntry First child None Description This object indicates the number of query packets received since the IGMP function enabled, on a per-VLAN basis.</p>
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<ul style="list-style-type: none"> swL2IGMPCtrlTable swL2IGMPCtrlEntry <ul style="list-style-type: none"> swL2IGMPCtrlVid swL2IGMPQueryInterval swL2IGMPMaxResponseTime swL2IGMPRobustness swL2IGMPLastMemberQueryInterval swL2IGMPQueryState swL2IGMPCurrentState swL2IGMPCtrlState swL2IGMPFastLeave swL2IGMPDyriFPMulVlanAge swL2IGMPQueryInfoTable <ul style="list-style-type: none"> swL2IGMPQueryInfoEntry <ul style="list-style-type: none"> swL2IGMPInfoVid swL2IGMPInfoQueryCount swL2IGMPInfoTxQueryCount 	<p>Object name swL2IGMPInfoTxQueryCount Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.4.1.3 Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer Composed syntax INTEGER Access Read-Only Status Current Value list 1 : 0..65535</p> <p>Parent node swL2IGMPQueryInfoEntry First child None Description This object indicates the send count of IGMP query messages, on a per-VLAN basis. In case of the IGMP timer expiring, the switch sends IGMP query packets to related VLAN member ports and increment this object by 1.</p>
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	Object name	swL2IGMPRouterPortVlanName
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.6.1.2
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Octet String
	Composed syntax	SmpAdminString
Access Read-Only Status Current Value list 1 : 0..32		
Parent node swL2IGMPRouterPortEntry First child None Description This object indicates the VLAN name of the router port entry.		

	Object name	swL2IGMPRouterPortStaticPortList
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.6.1.3
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Octet String
	Composed syntax	PortList
Access Read-Write Status Current Value list 1 : 0..127		
Parent node swL2IGMPRouterPortEntry First child None Description This object indicates the static portlist of the router port entry.		

	Object name	swL2IGMPRouterPortDynamicPortList
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.6.1.4
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Octet String
	Composed syntax	PortList
Access Read-Only Status Current Value list 1 : 0..127		
Parent node swL2IGMPRouterPortEntry First child None Description This object indicates the dynamic portlist of the router port entry.		

	Object name	swL2IGMPRouterPortForbiddenPortList
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.6.1.5
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Octet String
	Composed syntax	PortList
Access Read-Write Status Current Value list 1 : 0..127		
Parent node swL2IGMPRouterPortEntry First child None Description This object indicates the forbidden portlist of the router port entry.		

	Object name	swL2IGMPAccessAuthTable
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.7
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Sequence Of swL2IGMPAccessAuthEntry
	Access	Not_Accessible
Status Current Sequence 1:swL2IGMPAccessAuthPort - Integer 2:swL2IGMPAccessAuthState - Integer		
Parent node swIGMPPackage First child swL2IGMPAccessAuthEntry Description This table is used to manage the IGMP Access Authentication configurations of the device.		

<ul style="list-style-type: none"> swL2IGMPRouterPortTable swL2IGMPRouterPortEntry <ul style="list-style-type: none"> swL2IGMPRouterPortVlanId swL2IGMPRouterPortVlanName swL2IGMPRouterPortStaticPortList swL2IGMPRouterPortDynamicPortList swL2IGMPRouterPortForbiddenPortList swL2IGMPAccessAuthTable <ul style="list-style-type: none"> swL2IGMPAccessAuthEntry swL2IGMPAccessAuthPort swL2IGMPAccessAuthState swL2IGMPMulticastVlanTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort 	Object name swL2IGMPAccessAuthEntry Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.7.1 Module DES3200-28F-L2MGMT-MIB Base syntax Sequence Access Not_Accessible Status Current Index 1.swL2IGMPAccessAuthPort Parent node swL2IGMPAccessAuthTable First child swL2IGMPAccessAuthPort Description A list of manageable entities for IGMP Access Authentication. The configuration is done per port.
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<ul style="list-style-type: none"> swL2IGMPRouterPortTable swL2IGMPRouterPortEntry <ul style="list-style-type: none"> swL2IGMPRouterPortVlanId swL2IGMPRouterPortVlanName swL2IGMPRouterPortStaticPortList swL2IGMPRouterPortDynamicPortList swL2IGMPRouterPortForbiddenPortList swL2IGMPAccessAuthTable <ul style="list-style-type: none"> swL2IGMPAccessAuthEntry swL2IGMPAccessAuthPort swL2IGMPAccessAuthState swL2IGMPMulticastVlanTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName 	Object name swL2IGMPAccessAuthPort Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.7.1.1 Module DES3200-28F-L2MGMT-MIB Base syntax Integer Composed syntax INTEGER Access Read-Only Status Current Parent node swL2IGMPAccessAuthEntry First child None Description The index of the swL2IGMPAccessAuthTable. This object corresponds to the port being configured.
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<ul style="list-style-type: none"> swL2IGMPRouterPortTable swL2IGMPRouterPortEntry <ul style="list-style-type: none"> swL2IGMPRouterPortVlanId swL2IGMPRouterPortVlanName swL2IGMPRouterPortStaticPortList swL2IGMPRouterPortDynamicPortList swL2IGMPRouterPortForbiddenPortList swL2IGMPAccessAuthTable <ul style="list-style-type: none"> swL2IGMPAccessAuthEntry swL2IGMPAccessAuthPort swL2IGMPAccessAuthState swL2IGMPMulticastVlanTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName 	Object name swL2IGMPAccessAuthState Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.7.1.2 Module DES3200-28F-L2MGMT-MIB Base syntax Integer Composed syntax INTEGER Access Read-Write Status Current Value list 1 : disabled(1) 2 : enabled(2) Parent node swL2IGMPAccessAuthEntry First child None Description This object denotes the status of IGMP Access Authentication of the port.
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<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceIp swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus swL2IGMPDylnpMultMgmt <ul style="list-style-type: none"> swL2IGMPDylnpMultMaxEntry swL2IGMPDylnpMultClearDylnpMult <ul style="list-style-type: none"> swL2IGMPDylnpMultClearDylnpMultVID swL2IGMPDylnpMultClearDylnpMultIP swL2IGMPDylnpMultClearDylnpMultAction 	Object name swL2IGMPMulticastVlanTable Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8 Module DES3200-28F-L2MGMT-MIB Base syntax Sequence Of swL2IGMPMulticastVlanEntry Access Not_Accessible Status Current Sequence 1:swL2IGMPMulticastVlanId - Integer 2:swL2IGMPMulticastVlanName - Octet String 3:swL2IGMPMulticastVlanSourcePort - Octet String 4:swL2IGMPMulticastVlanMemberPort - Octet String 5:swL2IGMPMulticastVlanTagMemberPort - Octet String 6:swL2IGMPMulticastVlanState - Integer 7:swL2IGMPMulticastVlanReplaceSourceIp - IP Address 8:swL2IGMPMulticastVlanRowStatus - Integer 9:swL2IGMPMulticastVlanUntagSourcePort - Octet String 10:swL2IGMPMulticastVlanRemapPriority - Integer 11:swL2IGMPMulticastVlanReplacePriority - Integer Parent node swIGMPPackage First child swL2IGMPMulticastVlanEntry Description Information about the IGMP snooping multicast VLAN table.
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<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceIp swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanEntry Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1 Module DES3200-28F-L2MGMT-MIB Base syntax Sequence Access Not_Accessible Status Current Index 1.swL2IGMPMulticastVlanId Parent node swL2IGMPMulticastVlanTable First child swL2IGMPMulticastVlanId Description The entry of swL2IGMPMulticastVlanTable.
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<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceP swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanId Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.1 Module DES3200-28F-L2MGMT-MIB
	Base syntax Integer Composed syntax INTEGER Access Read-Only Status Current Value list 1 : 2..4094 Parent node swL2IGMPMulticastVlanEntry First child None Description This object indicates the VLAN ID of the IGMP snooping multicast VLAN entry.

<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceP swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanName Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.2 Module DES3200-28F-L2MGMT-MIB
	Base syntax Octet String Composed syntax DisplayString Access Read-Create Status Current Value list 1 : 0..32 Parent node swL2IGMPMulticastVlanEntry First child None Description This object indicates the VLAN name of the IGMP snooping multicast VLAN entry.

<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceP swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanSourcePort Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.3 Module DES3200-28F-L2MGMT-MIB
	Base syntax Octet String Composed syntax PortList Access Read-Write Status Current Value list 1 : 0..127 Parent node swL2IGMPMulticastVlanEntry First child None Description This object indicates the port list of the source ports of the IGMP snooping multicast VLAN. The source ports will be set as tag ports of the VLAN entry and the IGMP control messages received from the member ports will be forwarded to the source ports.

<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceP swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanMemberPort Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.4 Module DES3200-28F-L2MGMT-MIB
	Base syntax Octet String Composed syntax PortList Access Read-Write Status Current Value list 1 : 0..127 Parent node swL2IGMPMulticastVlanEntry First child None Description This object indicates the port list of the member ports of the IGMP snooping multicast VLAN. The member ports will be set as untagged ports of the VLAN entry and the IGMP control messages received from the member ports will be forwarded to the source ports.

<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceIp swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanTagMemberPort Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.5 Module DES3200-28F-L2MGMT-MIB Base syntax Octet String Composed syntax PortList Access Read-Write Status Current Value list 1 : 0..127 Parent node swL2IGMPMulticastVlanEntry First child None Description This object indicates the port list of the tag member ports of the IGMP snooping multicast VLAN.
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<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceIp swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanState Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.6 Module DES3200-28F-L2MGMT-MIB Base syntax Integer Composed syntax INTEGER Access Read-Write Status Current Value list 1 : enabled(1) 2 : disabled(2) Parent node swL2IGMPMulticastVlanEntry First child None Description This object can be used to enable or disable the IGMP snooping multicast VLAN.
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<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceIp swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanReplaceSourceIp Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.7 Module DES3200-28F-L2MGMT-MIB Base syntax IP Address Composed syntax IpAddress Access Read-Write Status Current Parent node swL2IGMPMulticastVlanEntry First child None Description The replacement source IP of this multicast VLAN.
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<ul style="list-style-type: none"> swL2IGMPMulticastVlanTable swL2IGMPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanId swL2IGMPMulticastVlanName swL2IGMPMulticastVlanSourcePort swL2IGMPMulticastVlanMemberPort swL2IGMPMulticastVlanTagMemberPort swL2IGMPMulticastVlanState swL2IGMPMulticastVlanReplaceSourceIp swL2IGMPMulticastVlanRowStatus swL2IGMPMulticastVlanUntagSourcePort swL2IGMPMulticastVlanRemapPriority swL2IGMPMulticastVlanReplacePriority swL2IGMPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPMulticastVlanGroupVid swL2IGMPMulticastVlanGroupFromIp swL2IGMPMulticastVlanGroupToIp swL2IGMPMulticastVlanGroupStatus 	Object name swL2IGMPMulticastVlanRowStatus Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.8 Module DES3200-28F-L2MGMT-MIB Base syntax Integer Composed syntax RowStatus Access Read-Create Status Current Value list 1 : active(1) 2 : notInService(2) 3 : notReady(3) 4 : createAndGo(4) 5 : createAndWait(5) 6 : destroy(6) Parent node swL2IGMPMulticastVlanEntry First child None Description This object indicates the status of this entry.
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<ul style="list-style-type: none"> swL2IGMPPMulticastVlanTable swL2IGMPPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPPMulticastVlanId swL2IGMPPMulticastVlanName swL2IGMPPMulticastVlanSourcePort swL2IGMPPMulticastVlanMemberPort swL2IGMPPMulticastVlanTagMemberPort swL2IGMPPMulticastVlanState swL2IGMPPMulticastVlanReplaceSourcePort swL2IGMPPMulticastVlanRowStatus swL2IGMPPMulticastVlanUntagSourcePort swL2IGMPPMulticastVlanRemapPriority swL2IGMPPMulticastVlanReplacePriority swL2IGMPPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupVid swL2IGMPPMulticastVlanGroupFromIp swL2IGMPPMulticastVlanGroupToIp swL2IGMPPMulticastVlanGroupStatus 	Object name swL2IGMPPMulticastVlanUntagSourcePort Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.9 Module DES3200-28F-L2MGMT-MIB Base syntax Octet String Composed syntax PortList Access Read-Create Status Current Value list 1 : 0..127 Parent node swL2IGMPPMulticastVlanEntry First child None Description This object indicates the port list of the untag source ports of the IGMP snooping multicast VLAN.
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<ul style="list-style-type: none"> swL2IGMPPMulticastVlanTable swL2IGMPPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPPMulticastVlanId swL2IGMPPMulticastVlanName swL2IGMPPMulticastVlanSourcePort swL2IGMPPMulticastVlanMemberPort swL2IGMPPMulticastVlanTagMemberPort swL2IGMPPMulticastVlanState swL2IGMPPMulticastVlanReplaceSourcePort swL2IGMPPMulticastVlanRowStatus swL2IGMPPMulticastVlanUntagSourcePort swL2IGMPPMulticastVlanRemapPriority swL2IGMPPMulticastVlanReplacePriority swL2IGMPPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupVid swL2IGMPPMulticastVlanGroupFromIp swL2IGMPPMulticastVlanGroupToIp swL2IGMPPMulticastVlanGroupStatus 	Object name swL2IGMPPMulticastVlanRemapPriority Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.10 Module DES3200-28F-L2MGMT-MIB Base syntax Integer Composed syntax INTEGER Access Read-Create Status Current Value list 1 : -1..7 Parent node swL2IGMPPMulticastVlanEntry First child None Description This is the priority value (0 to 7) to be associated with the data traffic to be forwarded on the multicast VLAN. When set to -1, the packet's original priority will be used.
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<ul style="list-style-type: none"> swL2IGMPPMulticastVlanTable swL2IGMPPMulticastVlanEntry <ul style="list-style-type: none"> swL2IGMPPMulticastVlanId swL2IGMPPMulticastVlanName swL2IGMPPMulticastVlanSourcePort swL2IGMPPMulticastVlanMemberPort swL2IGMPPMulticastVlanTagMemberPort swL2IGMPPMulticastVlanState swL2IGMPPMulticastVlanReplaceSourcePort swL2IGMPPMulticastVlanRowStatus swL2IGMPPMulticastVlanUntagSourcePort swL2IGMPPMulticastVlanRemapPriority swL2IGMPPMulticastVlanReplacePriority swL2IGMPPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupVid swL2IGMPPMulticastVlanGroupFromIp swL2IGMPPMulticastVlanGroupToIp swL2IGMPPMulticastVlanGroupStatus 	Object name swL2IGMPPMulticastVlanReplacePriority Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.8.1.11 Module DES3200-28F-L2MGMT-MIB Base syntax Integer Composed syntax INTEGER Access Read-Create Status Current Value list 1 : enabled(1) 2 : disabled(2) Parent node swL2IGMPPMulticastVlanEntry First child None Description This specifies that a packet's priority will be changed by the switch based on the remap priority. This flag will only take effect when remap priority is set.
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<ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupVid swL2IGMPPMulticastVlanGroupFromIp swL2IGMPPMulticastVlanGroupToIp swL2IGMPPMulticastVlanGroupStatus swL2IGMPPDynIpMultMgmt <ul style="list-style-type: none"> swL2IGMPPDynIpMultMaxEntry swL2IGMPPSnoopingClearDynIpMult swL2IGMPPSnoopingClearDynIpMultVID swL2IGMPPSnoopingClearDynIpMultIP swL2IGMPPSnoopingClearDynIpMultAction swIGMPPSnoopingHostTable <ul style="list-style-type: none"> swIGMPPSnoopingHostEntry <ul style="list-style-type: none"> swIGMPPSnoopingHostVid swIGMPPSnoopingHostGroup swIGMPPSnoopingHostPort swIGMPPSnoopingHostIp 	Object name swL2IGMPPMulticastVlanGroupTable Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.9 Module DES3200-28F-L2MGMT-MIB Base syntax Sequence Of swL2IGMPPMulticastVlanGroupEntry Access Not_Accessible Status Current Sequence 1:swL2IGMPPMulticastVlanGroupVid - Integer 2:swL2IGMPPMulticastVlanGroupFromIp - IP Address 3:swL2IGMPPMulticastVlanGroupToIp - IP Address 4:swL2IGMPPMulticastVlanGroupStatus - Integer Parent node swIGMPPPackage First child swL2IGMPPMulticastVlanGroupEntry Description The table containing the IGMP snooping multicast VLAN group information
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<ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupTable <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupEntry <ul style="list-style-type: none"> swL2IGMPPMulticastVlanGroupVid swL2IGMPPMulticastVlanGroupFromIp swL2IGMPPMulticastVlanGroupToIp swL2IGMPPMulticastVlanGroupStatus swL2IGMPPDynIpMultMgmt <ul style="list-style-type: none"> swL2IGMPPDynIpMultMaxEntry swL2IGMPPSnoopingClearDynIpMult swL2IGMPPSnoopingClearDynIpMultVID swL2IGMPPSnoopingClearDynIpMultIP swL2IGMPPSnoopingClearDynIpMultAction swIGMPPSnoopingHostTable <ul style="list-style-type: none"> swIGMPPSnoopingHostEntry <ul style="list-style-type: none"> swIGMPPSnoopingHostVid swIGMPPSnoopingHostGroup swIGMPPSnoopingHostPort swIGMPPSnoopingHostIp 	Object name swL2IGMPPMulticastVlanGroupEntry Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.9.1 Module DES3200-28F-L2MGMT-MIB Base syntax Sequence Access Not_Accessible Status Current Index 1.swL2IGMPPMulticastVlanGroupVid 2.swL2IGMPPMulticastVlanGroupFromIp 3.swL2IGMPPMulticastVlanGroup Parent node swL2IGMPPMulticastVlanGroupTable First child swL2IGMPPMulticastVlanGroupVid Description Information about the current IGMP snooping multicast VLAN group.
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	Object name	swL2IGMPMulticastVlanGroupVid
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.9.1.1
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	INTEGER
	Access	Read-Only
	Status	Current
	Value list	1 : 1..4094
	Parent node	swL2IGMPMulticastVlanGroupEntry
	First child	None
Description	This object indicates the VID of the IGMP snooping multicast VLAN group.	

	Object name	swL2IGMPMulticastVlanGroupFromIp
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.9.1.2
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	IP Address
	Composed syntax	IpAddress
	Access	Read-Only
	Status	Current
	Parent node	swL2IGMPMulticastVlanGroupEntry
	First child	None
	Description	Specifies the multicast address list for this VLAN.

	Object name	swL2IGMPMulticastVlanGroupToIp
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.9.1.3
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	IP Address
	Composed syntax	IpAddress
	Access	Read-Only
	Status	Current
	Parent node	swL2IGMPMulticastVlanGroupEntry
	First child	None
	Description	Specifies the multicast address list for this VLAN.

	Object name	swL2IGMPMulticastVlanGroupStatus
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.9.1.4
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	RowStatus
	Access	Read-Create
	Status	Current
	Value list	1 : active(1) 2 : notInService(2) 3 : notReady(3) 4 : createAndGo(4) 5 : createAndWait(5) 6 : destroy(6)
	Parent node	swL2IGMPMulticastVlanGroupEntry
	First child	None
Description	This object indicates the status of this entry.	

	Object name	swL2IGMPDynIpMultMgmt	
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.12	
	Module	DES3200-28F-L2MGMT-MIB	
	Base syntax	Object Identifier	
	Access	Not_Accessible	
	Status	Mandatory	
	Parent node	swIGMPPackage	
	First child	swL2IGMPDynIPMultMaxEntry	
	Description		
	Description		

	Object name	swL2IGMPDynIpMultMaxEntry
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.12.1
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	INTEGER
	Access	Read-Write
	Status	Current
	Parent node	swL2IGMPDynIpMultMgmt
	First child	None
	Description	This object specifies the maximum number of entries which can be learned by dynamic IP multicast.

	Object name	swL2IGMPSnoopingClearDynIpMult
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.12.2
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Object Identifier
	Access	Not_Accessible
	Status	Mandatory
	Parent node	swL2IGMPDynIpMultMgmt
	First child	swL2IGMPSnoopingClearDynIpMultVID

	Object name	swL2IGMPSnoopingClearDynIpMultVID
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.12.2.1
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	Integer
	Composed syntax	VlanId
	Access	Read-Write
	Status	Current
	Value list	1 : 1..4094
	Parent node	swL2IGMPSnoopingClearDynIpMult
	Description	This object indicates the VLAN identifier where the data driven entries will be removed from.

	Object name	swL2IGMPSnoopingClearDynIpMultIP
	Object ID	1.3.6.1.4.1.171.11.113.1.4.2.7.12.2.2
	Module	DES3200-28F-L2MGMT-MIB
	Base syntax	IP Address
	Composed syntax	IpAddress
	Access	Read-Write
	Status	Current
	Parent node	swL2IGMPSnoopingClearDynIpMult
	First child	None
	Description	This object indicates the IP address of the IGMP snooping group from which the data driven entries will be removed.

<ul style="list-style-type: none"> swL2IGMPClearDynIpMultAction <ul style="list-style-type: none"> swL2IGMPClearDynIpMultActionEntry swL2IGMPClearDynIpMultActionVid swL2IGMPClearDynIpMultActionGroup swL2IGMPClearDynIpMultActionPort swL2IGMPClearDynIpMultActionIp swL2IGMPSnoopingHostTable <ul style="list-style-type: none"> swL2IGMPSnoopingHostEntry swL2IGMPSnoopingHostVid swL2IGMPSnoopingHostGroup swL2IGMPSnoopingHostPort swL2IGMPSnoopingHostIp swL2TrafficSegMgmt <ul style="list-style-type: none"> swL2TrafficSegTable swL2TrafficSegEntry swL2TrafficSegPort swL2TrafficSegForwardPorts swL2PortSecurityMgmt <ul style="list-style-type: none"> swL2PortSecurityControlTable swL2PortSecurityControlEntry swL2PortSecurityPortIndex swL2PortSecurityMaxLenAddr 	<p>Object name swL2IGMPSnoopingClearDynIpMultAction</p> <p>Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.12.2.3</p> <p>Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer</p> <p>Composed syntax INTEGER</p> <p>Access Read-Write</p> <p>Status Current</p> <p>Value list 1 : all(1) 2 : vlan(2) 3 : group(3) 4 : other(4)</p> <p>Parent node swL2IGMPSnoopingClearDynIpMult</p> <p>First child None</p> <p>Description Setting this object will clear the data driven entries. all - Remove all learned data driven groups. VLAN - Clear all data driven entries in the VLAN specified in swIGMPSnoopingClearDynIpMultVid. group - Clear the group with the address specified in swL2IGMPSnoopingClearDynIpMultIp in the VLAN specified in swIGMPSnoopingClearDynIpMultVid.</p>
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<ul style="list-style-type: none"> swIGMPSnoopingHostTable <ul style="list-style-type: none"> swIGMPSnoopingHostEntry swIGMPSnoopingHostVid swIGMPSnoopingHostGroup swIGMPSnoopingHostPort swIGMPSnoopingHostIp swL2TrafficSegMgmt <ul style="list-style-type: none"> swL2TrafficSegTable swL2TrafficSegEntry swL2TrafficSegPort swL2TrafficSegForwardPorts swL2PortSecurityMgmt <ul style="list-style-type: none"> swL2PortSecurityControlTable swL2PortSecurityControlEntry swL2PortSecurityPortIndex swL2PortSecurityMaxLenAddr 	<p>Object name swIGMPSnoopingHostTable</p> <p>Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.13</p> <p>Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Sequence Of swIGMPSnoopingHostEntry</p> <p>Access Not_Accessible</p> <p>Status Current</p> <p>Sequence 1:swIGMPSnoopingHostVid - Integer 2:swIGMPSnoopingHostGroup - IP Address 3:swIGMPSnoopingHostPort - Integer 4:swIGMPSnoopingHostIp - IP Address</p> <p>Parent node swIGMPPackage</p> <p>First child swIGMPSnoopingHostEntry</p> <p>Description The table contains the IGMP hosts that have joined the groups.</p>
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<ul style="list-style-type: none"> swIGMPSnoopingHostTable <ul style="list-style-type: none"> swIGMPSnoopingHostEntry swIGMPSnoopingHostVid swIGMPSnoopingHostGroup swIGMPSnoopingHostPort swIGMPSnoopingHostIp swL2TrafficSegMgmt <ul style="list-style-type: none"> swL2TrafficSegTable swL2TrafficSegEntry swL2TrafficSegPort swL2TrafficSegForwardPorts swL2PortSecurityMgmt <ul style="list-style-type: none"> swL2PortSecurityControlTable swL2PortSecurityControlEntry swL2PortSecurityPortIndex swL2PortSecurityMaxLenAddr 	<p>Object name swIGMPSnoopingHostEntry</p> <p>Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.13.1</p> <p>Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Sequence</p> <p>Access Not_Accessible</p> <p>Status Current</p> <p>Index 1.swIGMPSnoopingHostVid 2.swIGMPSnoopingHostGroup 3.swIGMPSnoopingHostPort 4.swIGMPSnoopingHostIp</p> <p>Parent node swIGMPSnoopingHostTable</p> <p>First child swIGMPSnoopingHostVid</p> <p>Description The entry contains the IGMP host that has joined the group.</p>
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<ul style="list-style-type: none"> swIGMPSnoopingHostTable <ul style="list-style-type: none"> swIGMPSnoopingHostEntry swIGMPSnoopingHostVid swIGMPSnoopingHostGroup swIGMPSnoopingHostPort swIGMPSnoopingHostIp swL2TrafficSegMgmt <ul style="list-style-type: none"> swL2TrafficSegTable swL2TrafficSegEntry swL2TrafficSegPort swL2TrafficSegForwardPorts swL2PortSecurityMgmt <ul style="list-style-type: none"> swL2PortSecurityControlTable swL2PortSecurityControlEntry swL2PortSecurityPortIndex swL2PortSecurityMaxLenAddr 	<p>Object name swIGMPSnoopingHostVid</p> <p>Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.13.1.1</p> <p>Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax Integer</p> <p>Composed syntax VlanId</p> <p>Access Read-Only</p> <p>Status Current</p> <p>Value list 1 : 1..4094</p> <p>Parent node swIGMPSnoopingHostEntry</p> <p>First child None</p> <p>Description This object indicates the VID of the individual IGMP snooping host table entry.</p>
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<ul style="list-style-type: none"> swIGMPSnoopingHostTable <ul style="list-style-type: none"> swIGMPSnoopingHostEntry swIGMPSnoopingHostVid swIGMPSnoopingHostGroup swIGMPSnoopingHostPort swIGMPSnoopingHostIp swL2TrafficSegMgmt <ul style="list-style-type: none"> swL2TrafficSegTable swL2TrafficSegEntry swL2TrafficSegPort swL2TrafficSegForwardPorts swL2PortSecurityMgmt <ul style="list-style-type: none"> swL2PortSecurityControlTable swL2PortSecurityControlEntry swL2PortSecurityPortIndex swL2PortSecurityMaxLenAddr 	<p>Object name swIGMPSnoopingHostGroup</p> <p>Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.13.1.2</p> <p>Module DES3200-28F-L2MGMT-MIB</p> <p>Base syntax IP Address</p> <p>Composed syntax IpAddress</p> <p>Access Read-Only</p> <p>Status Current</p> <p>Parent node swIGMPSnoopingHostEntry</p> <p>First child None</p> <p>Description This object indicates the group address of the individual IGMP snooping host table entry.</p>
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<ul style="list-style-type: none"> swIGMPSnoopingHostTable swIGMPSnoopingHostEntry swIGMPSnoopingHostVid swIGMPSnoopingHostGroup swIGMPSnoopingHostPort swIGMPSnoopingHostIp 	Object name swIGMPSnoopingHostPort Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.13.1.3 Module DES3200-28F-L2MGMT-MIB
	Base syntax Integer Composed syntax INTEGER Access Read-Only Status Current
<ul style="list-style-type: none"> swL2TrafficSegMgmt swL2TrafficSegTable swL2TrafficSegEntry swL2TrafficSegPort swL2TrafficSegForwardPorts 	Parent node swIGMPSnoopingHostEntry First child None Description This object indicates the port number of the individual IGMP snooping host table entry.
<ul style="list-style-type: none"> swL2PortSecurityMgmt swL2PortSecurityControlTable swL2PortSecurityControlEntry 	

<ul style="list-style-type: none"> swIGMPSnoopingHostTable swIGMPSnoopingHostEntry swIGMPSnoopingHostVid swIGMPSnoopingHostGroup swIGMPSnoopingHostPort swIGMPSnoopingHostIp 	Object name swIGMPSnoopingHostIp Object ID 1.3.6.1.4.1.171.11.113.1.4.2.7.13.1.4 Module DES3200-28F-L2MGMT-MIB
	Base syntax IP Address Composed syntax IpAddress Access Read-Only Status Current
<ul style="list-style-type: none"> swL2TrafficSegMgmt swL2TrafficSegTable swL2TrafficSegEntry swL2TrafficSegPort swL2TrafficSegForwardPorts 	Parent node swIGMPSnoopingHostEntry First child None Description This object indicates the host IP address of the individual IGMP snooping host table entry.
<ul style="list-style-type: none"> swL2PortSecurityMgmt swL2PortSecurityControlTable 	