How to configure IGMP snooping on DES-3028/52

swL2MgmtMIB

1.3.6.1.4.1.171.11.63.6.2   DES-3028

1.3.6.1.4.1.171.11.63.7.2   DES-3028P

1.3.6.1.4.1.171.11.63.8.2   DES-3052

1.3.6.1.4.1.171.11.63.9.2   DES-3052P

1.3.6.1.4.1.171.11.63.11.2   DES-3028G

Please refer the following command

#snmpset -c private -v 2c 10.90.90.90 1.3.6.1.4.1.171.11.63.6.2.1.2.7.0 i 3

1.3.6.1.4.1.171.11.63.6.2.7.3.1.2.1 i 100 1.3.6.1.4.1.171.11.63.6.2.7.3.1.3.1 i 15

1.3.6.1.4.1.171.11.63.6.2.7.3.1.9.1 i 3 1.3.6.1.4.1.171.11.63.6.2.7.3.1.11.1 i 3

The OID relative to IGMP Snooping (Example DES-3028)

swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave

Object name   swL2IGMPCtrlEntry
Object ID   1.3.6.1.4.1.171.11.63.6.2.7.3.1
Module   DES3028-L2MGMT-MIB

Base syntax   Sequence
Access   Not_Accessible
Status   Current
Index   1.swL2IGMPCtrlVid

Parent node   swL2IGMPCtrlTable
First child   swL2IGMPCtrlVid
Description   The entry in IGMP control table (swL2IGMPCtrlTable). The entry
                 is effective only when IGMP capture switch
                 (swL2DevCtrlIGMPSnooping) is enabled.

swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave
swL2IGMPQueryInfoTable
  swL2IGMPQueryInfoEntry
    swL2IGMPInfoVid

Object name   swL2IGMPCtrlVid
Object ID   1.3.6.1.4.1.171.11.63.6.2.7.3.1.1
Module   DES3028-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-Base 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.

swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave

Object name   swL2IGMPQueryInterval
Object ID   1.3.6.1.4.1.171.11.63.6.2.7.3.1.2
Module   DES3028-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.

swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave

Object name   swL2IGMPMaxResponseTime
Object ID   1.3.6.1.4.1.171.11.63.6.2.7.3.1.3
Module   DES3028-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.

swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave
swL2IGMPQueryInfoTable

Object name   swL2IGMPRobustness
Object ID   1.3.6.1.4.1.171.11.63.6.2.7.3.1.4
Module   DES3028-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.

```
swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrlVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave
swL2IGMPQueryInfoTable
  swL2IGMPQueryInfoEntry
```

Object name	swL2IGMPLastMemberQueryInterval
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.3.1.5
Module	DES3028-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.


```
swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrlVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave
swL2IGMPQueryInfoTable
  swL2IGMPQueryInfoEntry
    swL2IGMPInfoVid
```

Object name	swL2IGMPHostTimeout
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.3.1.6
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : 1..16711450
Parent node	swL2IGMPCtrlEntry
First child	None
Description	The timer value for sending IGMP query packet when none was sent by the host in the LAN. The timer works in per-VLAN basis. Our device will be activated to send the query message if the timer is expired. Please reference RFC2236-1997.


```
swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrlVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave
```

Object name	swL2IGMPRouteTimeout
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.3.1.7
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : 1..16711450
Parent node	swL2IGMPCtrlEntry
First child	None
Description	The Router Timeout is how long a host must wait after hearing a Query before it may send any IGMPv2 messages.


```
swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrlVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave
swL2IGMPQueryInfoTable
  swL2IGMPQueryInfoEntry
```

Object name	swL2IGMPLeaveTimer
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.3.1.8
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : 1..16711450
Parent node	swL2IGMPCtrlEntry
First child	None
Description	When a querier receives a Leave Group message for a group that has group members on the reception interface, it sends Group-Specific Queries every swL2IGMPLeaveTimer to the group being left.


```
swL2IGMPCtrlTable
  swL2IGMPCtrlEntry
    swL2IGMPCtrlVid
    swL2IGMPQueryInterval
    swL2IGMPMaxResponseTime
    swL2IGMPRobustness
    swL2IGMPLastMemberQueryInterval
    swL2IGMPHostTimeout
    swL2IGMPRouteTimeout
    swL2IGMPLeaveTimer
    swL2IGMPQueryState
    swL2IGMPCurrentState
    swL2IGMPCtrlState
    swL2IGMPFastLeave
swL2IGMPQueryInfoTable
```

Object name	swL2IGMPQueryState
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.3.1.9
Module	DES3028-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 decide the IGMP query enabled or disabled.

Panel 1

Tree:
- swL2IGMPCtrlTable
  - swL2IGMPCtrlEntry
    - swL2IGMPCtrlVid
    - swL2IGMPQueryInterval
    - swL2IGMPMaxResponseTime
    - swL2IGMPRobustness
    - swL2IGMPLastMemberQueryInterval
    - swL2IGMPHostTimeout
    - swL2IGMPRouteTimeout
    - swL2IGMPLeaveTimer
    - swL2IGMPQueryState
    - swL2IGMPCurrentState
    - swL2IGMPCtrlState
    - swL2IGMPFastLeave
  - swL2IGMPQueryInfoTable

Field	Value
Object name	swL2IGMPCurrentState
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.3.1.10
Module	DES3028-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.

Panel 2

Tree:
- swL2IGMPCtrlTable
  - swL2IGMPCtrlEntry
    - swL2IGMPCtrlVid
    - swL2IGMPQueryInterval
    - swL2IGMPMaxResponseTime
    - swL2IGMPRobustness
    - swL2IGMPLastMemberQueryInterval
    - swL2IGMPHostTimeout
    - swL2IGMPRouteTimeout
    - swL2IGMPLeaveTimer
    - swL2IGMPQueryState
    - swL2IGMPCurrentState
    - swL2IGMPCtrlState
    - swL2IGMPFastLeave
  - swL2IGMPQueryInfoTable
    - swL2IGMPQueryInfoEntry
      - swL2IGMPInfoVid
      - swL2IGMPInfoQueryCount
      - swL2IGMPInfoTxQueryCount
  - swL2IGMPInfoTable
    - swL2IGMPInfoEntry

Field	Value
Object name	swL2IGMPCtrlState
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.3.1.11
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : other(1)
	2 : disable(2)
	3 : enable(3)
Parent node	swL2IGMPCtrlEntry
First child	None
Description	This object indicates the status of this entry.

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 funtion is disabled for this entry.
enable(3) - IGMP funtion is enabled for this entry.

Panel 3

Tree:
- swL2IGMPCtrlTable
  - swL2IGMPCtrlEntry
    - swL2IGMPCtrlVid
    - swL2IGMPQueryInterval
    - swL2IGMPMaxResponseTime
    - swL2IGMPRobustness
    - swL2IGMPLastMemberQueryInterval
    - swL2IGMPHostTimeout
    - swL2IGMPRouteTimeout
    - swL2IGMPLeaveTimer
    - swL2IGMPQueryState
    - swL2IGMPCurrentState
    - swL2IGMPCtrlState
    - swL2IGMPFastLeave
  - swL2IGMPQueryInfoTable
    - swL2IGMPQueryInfoEntry

Field	Value
Object name	swL2IGMPFastLeave
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.3.1.12
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : other(1)
	2 : disable(2)
	3 : enable(3)
Parent node	swL2IGMPCtrlEntry
First child	None
Description	

Panel 4

Tree:
- swL2IGMPQueryInfoTable
  - swL2IGMPQueryInfoEntry
    - swL2IGMPInfoVid
    - swL2IGMPInfoQueryCount
    - swL2IGMPInfoTxQueryCount
  - swL2IGMPInfoTable
    - swL2IGMPInfoEntry
      - swL2IGMPVid
      - swL2IGMPGroupIpAddr
      - swL2IGMPMacAddr
      - swL2IGMPPortMap
      - swL2IGMPIpGroupReportCount
  - swL2IGMPRouterPortTable
    - swL2IGMPRouterPortEntry
      - swL2IGMPRouterPortVlanid
      - swL2IGMPRouterPortVlanName
      - swL2IGMPRouterPortStaticPortList
      - swL2IGMPRouterPortDynamicPortList

Field	Value
Object name	swL2IGMPQueryInfoTable
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.4
Module	DES3028-L2MGMT-MIB
Base syntax	Sequence Of swL2IGMPQueryInfoEntry
Access	Not_Accessible
Status	Current
Sequence	1:swL2IGMPInfoVid - Integer
	2:swL2IGMPInfoQueryCount - Integer
	3:swL2IGMPInfoTxQueryCount - Integer
Parent node	swIGMPPackage
First child	swL2IGMPQueryInfoEntry
Description	The table contains the number current IGMP query packets which is captured by this device, as well as the IGMP query packets sent by the device.

Object name	swL2IGMPQueryInfoEntry
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.4.1
Module	DES3028-L2MGMT-MIB
Base syntax	Sequence
Access	Not_Accessible
Status	Current
Index	1.swL2IGMPInfoVid
Parent node	swL2IGMPQueryInfoTable
First child	swL2IGMPInfoVid
Description	Information about current IGMP query information, provided that swL2DevCtrlIGMPSnooping and swL2IGMPCtrState of associated VLAN entry are all enabled.

Object name	swL2IGMPInfoVid
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.4.1.1
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swL2IGMPQueryInfoEntry
First child	None
Description	This object indicates the Vid of associated IGMP info table entry. It follows swL2IGMPCtrlVid in the associated entry of IGMP control table (swL2IGMPCtrlTable).

Object name	swL2IGMPInfoQueryCount
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.4.1.2
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swL2IGMPQueryInfoEntry
First child	None
Description	This object indicates the number of query packets received since the IGMP function enabled, in per-VLAN basis.

Object name	swL2IGMPInfoTxQueryCount
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.4.1.3
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swL2IGMPQueryInfoEntry
First child	None
Description	This object indicates the send count of IGMP query messages, in per-VLAN basis. In case of IGMP timer expiration, the switch sends IGMP query packets to related VLAN member ports and increment this object by 1.

```
Object name      swL2IGMPInfoTable
Object ID        1.3.6.1.4.1.171.11.63.6.2.7.5
Module           DES3028-L2MGMT-MIB

Base syntax      Sequence Of swL2IGMPInfoEntry
Access           Not_Accessible
Status           Current
Sequence         1:swL2IGMPVid - Integer
                 2:swL2IGMPGroupIpAddr - IP Address
                 3:swL2IGMPMacAddr - Octet String
                 4:swL2IGMPPortMap - Octet String
                 5:swL2IGMPIpGroupReportCount - Integer

Parent node      swIGMPPackage
First child      swL2IGMPInfoEntry
Description       The table containing current IGMP information which captured by
                  this device, provided that swL2DevCtrlIGMPSnooping and
                  swL2IGMPCtrlState of associated VLAN entry are all enabled. Note
                  that the priority of IGMP table entries is lower than Filtering
                  Table, i.e. if there is a table hash collision between the
                  entries of IGMP Table and Filtering Table inside the switch H/W
                  address table, then Filtering Table entry overwrite the
                  colliding entry of IGMP Table. See swL2FilterMgmt description
                  also.
```



```
Object name      swL2IGMPInfoEntry
Object ID        1.3.6.1.4.1.171.11.63.6.2.7.5.1
Module           DES3028-L2MGMT-MIB

Base syntax      Sequence
Access           Not_Accessible
Status           Current
Index            1.swL2IGMPVid
                 2.swL2IGMPGroupIpAddr

Parent node      swL2IGMPInfoTable
First child      swL2IGMPVid
Description       Information about current IGMP information which captured by
                  this device, provided that swL2DevCtrlIGMPSnooping and
                  swL2IGMPCtrlState of associated VLAN entry are all enabled.
```



```
Object name      swL2IGMPVid
Object ID        1.3.6.1.4.1.171.11.63.6.2.7.5.1.1
Module           DES3028-L2MGMT-MIB

Base syntax      Integer
Composed syntax  INTEGER
Access           Read-Only
Status           Current
Value list       1 : 0..65535

Parent node      swL2IGMPInfoEntry
First child      None
Description       This object indicates the Vid of individual IGMP table entry.
                  It shows the Vid of IGMP report information captured on
                  network.
```



```
Object name      swL2IGMPGroupIpAddr
Object ID        1.3.6.1.4.1.171.11.63.6.2.7.5.1.2
Module           DES3028-L2MGMT-MIB

Base syntax      IP Address
Composed syntax  IpAddress
Access           Read-Only
Status           Current

Parent node      swL2IGMPInfoEntry
First child      None
Description       This object is identify group ip address which is captured from
                  IGMP packet, in per-Vlan basis.
```



```
Object name      swL2IGMPMacAddr
Object ID        1.3.6.1.4.1.171.11.63.6.2.7.5.1.3
Module           DES3028-L2MGMT-MIB

Base syntax      Octet String
Composed syntax  MacAddress
Access           Read-Only
Status           Current
Value list       1 : 6..6

Parent node      swL2IGMPInfoEntry
First child      None
Description       This object is identify mac address which is corresponding
                  to swL2IGMPGroupIpAddr, in per-Vlan basis.
```

Screenshot 1:

Tree panel:
- swL2IGMPInfoTable
  - swL2IGMPInfoEntry
    - swL2IGMPVid
    - swL2IGMPGroupIpAddr
    - swL2IGMPMacAddr
    - swL2IGMPPortMap
    - swL2IGMPIpGroupReportCount
- swL2IGMPRouterPortTable
  - swL2IGMPRouterPortEntry
    - swL2IGMPRouterPortVlanid
    - swL2IGMPRouterPortVlanName
    - swL2IGMPRouterPortStaticPortList
    - swL2IGMPRouterPortDynamicPortList
- swL2TrafficSegMgmt
  - swL2TrafficSegTable
    - swL2TrafficSegEntry
      - swL2TrafficSegPort
      - swL2TrafficSegForwardPorts
- swL2PortSecurityMgmt
  - swL2PortSecurityControlTable
    - swL2PortSecurityControlEntry
      - swL2PortSecurityPortIndex
      - swL2PortSecurityMaxLernAddr
      - swL2PortSecurityMode
      - swL2PortSecurityAdmState

Detail panel:
Object name	swL2IGMPPortMap
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.5.1.4
Module	DES3028-L2MGMT-MIB
Base syntax	Octet String
Composed syntax	PortList
Access	Read-Only
Status	Current
Value list	1 : 0..127
Parent node	swL2IGMPInfoEntry
First child	None
Description	This object indicates which ports are belong to the same multicast group, in per-Vlan basis. Each multicast group has a octect string to indicate with port map. The most significant bit represents the lowest numbered port, and the least significant bit represents the highest numbered port. Thus, each port of the switch is represented by a single bit within the value of this object. If that bit has a value of '1' then that port is included in the set of ports; the port is not included if its bit has a value of '0'(Note that the setting of the bit corresponding to the port from which a frame is received is irrelevant). The 4 octets is represent one unit port according its logic port. If the unit less 32 port, the other port don't care just fill zero.

Screenshot 2:

Detail panel:
Object name	swL2IGMPIpGroupReportCount
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.5.1.5
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swL2IGMPInfoEntry
First child	None
Description	This object indicate how much report packet was receive by our device corresponding with this entry from IGMP function enabled, in per-Vlan basis.

Screenshot 3:

Detail panel:
Object name	swL2IGMPRouterPortTable
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.6
Module	DES3028-L2MGMT-MIB
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
Parent node	swIGMPPackage
First child	swL2IGMPRouterPortEntry
Description	The information of the router port table.

Screenshot 4:

Detail panel:
Object name	swL2IGMPRouterPortEntry
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.6.1
Module	DES3028-L2MGMT-MIB
Base syntax	Sequence
Access	Not_Accessible
Status	Current
Index	1.swL2IGMPRouterPortVlanid
Parent node	swL2IGMPRouterPortTable
First child	swL2IGMPRouterPortVlanid
Description	The entry of swL2IGMPRouterPortTable.

Screenshot 5:

Detail panel:
Object name	swL2IGMPRouterPortVlanid
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.6.1.1
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 1..4094
Parent node	swL2IGMPRouterPortEntry
First child	None
Description	This object indicates the vlan id of the router port entry.

```
swL2IGMPInfoTable
  swL2IGMPInfoEntry
    swL2IGMPVid
    swL2IGMPGroupIpAddr
    swL2IGMPMacAddr
    swL2IGMPPortMap
    swL2IGMPIpGroupReportCount
swL2IGMPRouterPortTable
  swL2IGMPRouterPortEntry
    swL2IGMPRouterPortVlanid
    swL2IGMPRouterPortVlanName
    swL2IGMPRouterPortStaticPortList
    swL2IGMPRouterPortDynamicPortList
```

Object name	swL2IGMPRouterPortVlanName
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.6.1.2
Module	DES3028-L2MGMT-MIB
Base syntax	Octet String
Composed syntax	SnmpAdminString
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.


```
swL2IGMPInfoTable
  swL2IGMPInfoEntry
    swL2IGMPVid
    swL2IGMPGroupIpAddr
    swL2IGMPMacAddr
    swL2IGMPPortMap
    swL2IGMPIpGroupReportCount
swL2IGMPRouterPortTable
  swL2IGMPRouterPortEntry
    swL2IGMPRouterPortVlanid
    swL2IGMPRouterPortVlanName
    swL2IGMPRouterPortStaticPortList
    swL2IGMPRouterPortDynamicPortList
```

Object name	swL2IGMPRouterPortStaticPortList
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.6.1.3
Module	DES3028-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 indicate the static portlist of the router port entry.


```
swL2IGMPInfoTable
  swL2IGMPInfoEntry
    swL2IGMPVid
    swL2IGMPGroupIpAddr
    swL2IGMPMacAddr
    swL2IGMPPortMap
    swL2IGMPIpGroupReportCount
swL2IGMPRouterPortTable
  swL2IGMPRouterPortEntry
    swL2IGMPRouterPortVlanid
    swL2IGMPRouterPortVlanName
    swL2IGMPRouterPortStaticPortList
    swL2IGMPRouterPortDynamicPortList
```

Object name	swL2IGMPRouterPortDynamicPortList
Object ID	1.3.6.1.4.1.171.11.63.6.2.7.6.1.4
Module	DES3028-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 indicate the dynamic portlist of the router port entry.