

How to set up IGMP Access Authentication via SNMP on DES-3026

des3026-l2mgmt.mib -> swIGMPPackage -> swL2IGMPAccessAuthTable

Object name	swL2IGMPAccessAuthTable
Object ID	1.3.6.1.4.1.171.11.63.3.2.7.7
Module	DES3026-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.

1. swL2IGMPAccessAuthPort

Object name	swL2IGMPAccessAuthPort
Object ID	1.3.6.1.4.1.171.11.63.3.2.7.7.1.1
Module	DES3026-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swL2IGMPAccessAuthEntry
First child	None
Description	The index of the swL2IGMPAccessAuthTable. This object corresponds to the port being configured.

OID: 1.3.6.1.4.1.171.11.63.3.2.7.7.1.1

CMD: check port 1 index

```
# snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.3.2.7.7.1.1.1
```

```
C:\>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.3.2.7.7.1.1.1  
SNMPv2-SMI::enterprises.171.11.63.3.2.7.7.1.1.1 = INTEGER: 1
```

2. swL2IGMPAccessAuthState

Object name	swL2IGMPAccessAuthState
Object ID	1.3.6.1.4.1.171.11.63.3.2.7.7.1.2
Module	DES3026-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	swL2IGMPAccessAuthEntry
First child	None
Description	This object denotes the status of IGMP Access Authentication of the port.

OID: 1.3.6.1.4.1.171.11.63.3.2.7.7.1.2

CMD: enable port 1 IGMP access_authentication feature, and check it.

```
Set: # snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.3.2.7.7.1.2.1 i 3
```

```
Read: # snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.3.2.7.7.1.2.1
```

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.3.2.7.7.1.2.1 i 3  
SNMPv2-SMI::enterprises.171.11.63.3.2.7.7.1.2.1 = INTEGER: 3
```

```
C:\>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.3.2.7.7.1.2.1  
SNMPv2-SMI::enterprises.171.11.63.3.2.7.7.1.2.1 = INTEGER: 3
```