How to setup limited multicast group with SNMP command on DES-3528 v2

Follow the commands below.

1. Create a multicat filter profile

```
$snmpset -c private -v 2c 192.168.1.24
1.3.6.1.4.1.171.12.53.1.1.2.2 s test2
1.3.6.1.4.1.171.12.53.1.1.3.2 i 4
```

2. Set the multicat filter profile range from 239.0.0.0 to 239.0.0.10

```
$snmpset -c private -v 2c 192.168.1.24
1.3.6.1.4.1.171.12.53.2.1.4.1.239.0.0.0.239.0.0.10 i 4
```

3. Bind the profile on the port, 7
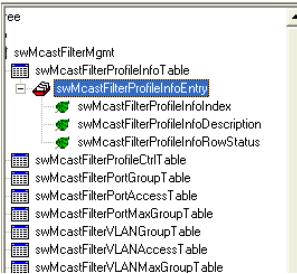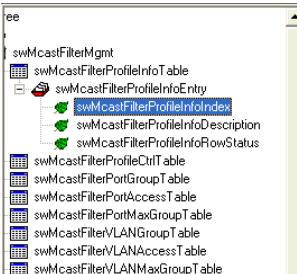
```
$snmpset -c private -v 2c 192.168.1.24
1.3.6.1.4.1.171.12.53.3.1.3.7.1 i 4
```
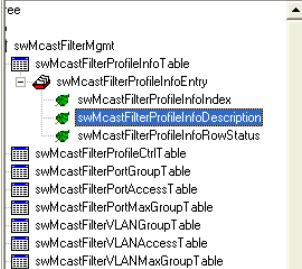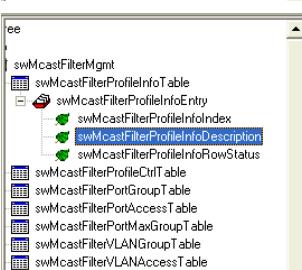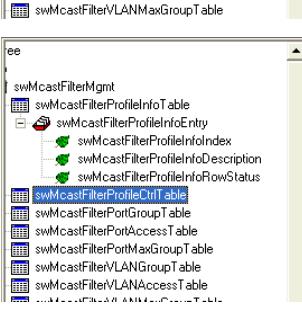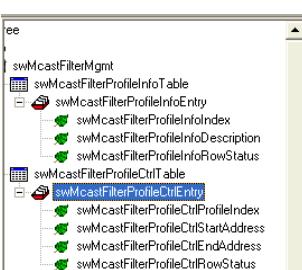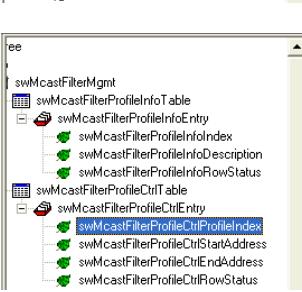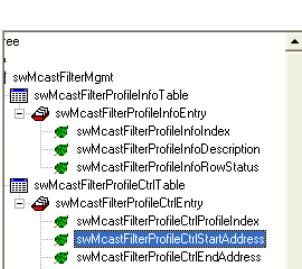
4. Set the port deny the multicast group

```
$snmpset -c private -v 2c 192.168.1.24
1.3.6.1.4.1.171.12.53.4.1.2.7 i 2
```

5. Set the port 7 only can learn 2 multicast group

```
$ snmpset -c private -v 2c 192.168.1.24
1.3.6.1.4.1.171.12.53.5.1.2.7 i 2
1.3.6.1.4.1.171.12.53.5.1.4.7 i 1
```

Please refer the following the description for limited multicast group

Panel 1:

```
ee
| swMcastFilterMgmt
    swMcastFilterProfileInfoTable
        swMcastFilterProfileInfoEntry
            swMcastFilterProfileInfoIndex
            swMcastFilterProfileInfoDescription
            swMcastFilterProfileInfoRowStatus
    swMcastFilterProfileCtrlTable
    swMcastFilterPortGroupTable
    swMcastFilterPortAccessTable
    swMcastFilterPortMaxGroupTable
    swMcastFilterVLANGroupTable
    swMcastFilterVLANAccessTable
    swMcastFilterVLANMaxGroupTable
```

```
Object name       swMcastFilterProfileInfoDescription
Object ID         1.3.6.1.4.1.171.12.53.1.1.2
Module            MCAST-FILTER-MIB

Base syntax       Octet String
Composed syntax   DisplayString
Access            Read-Create
Status            Current
Value list        1 : 0..32

Parent node       swMcastFilterProfileInfoEntry
First child       None
Description        This object specifies the description for this entry.
```

Panel 2:

```
ee
| swMcastFilterMgmt
    swMcastFilterProfileInfoTable
        swMcastFilterProfileInfoEntry
            swMcastFilterProfileInfoIndex
            swMcastFilterProfileInfoDescription
            swMcastFilterProfileInfoRowStatus
    swMcastFilterProfileCtrlTable
    swMcastFilterPortGroupTable
    swMcastFilterPortAccessTable
    swMcastFilterPortMaxGroupTable
    swMcastFilterVLANGroupTable
    swMcastFilterVLANAccessTable
    swMcastFilterVLANMaxGroupTable
```

```
Object name       swMcastFilterProfileInfoDescription
Object ID         1.3.6.1.4.1.171.12.53.1.1.2
Module            MCAST-FILTER-MIB

Base syntax       Octet String
Composed syntax   DisplayString
Access            Read-Create
Status            Current
Value list        1 : 0..32

Parent node       swMcastFilterProfileInfoEntry
First child       None
Description        This object specifies the description for this entry.
```

Panel 3:

```
ee
| swMcastFilterMgmt
    swMcastFilterProfileInfoTable
        swMcastFilterProfileInfoEntry
            swMcastFilterProfileInfoIndex
            swMcastFilterProfileInfoDescription
            swMcastFilterProfileInfoRowStatus
    swMcastFilterProfileCtrlTable
    swMcastFilterPortGroupTable
    swMcastFilterPortAccessTable
    swMcastFilterPortMaxGroupTable
    swMcastFilterVLANGroupTable
    swMcastFilterVLANAccessTable
    swMcastFilterVLANMaxGroupTable
```

```
Object name       swMcastFilterProfileCtrlTable
Object ID         1.3.6.1.4.1.171.12.53.2
Module            MCAST-FILTER-MIB

Base syntax       Sequence Of swMcastFilterProfileCtrlEntry
Access            Not_Accessible
Status            Current
Sequence          1:swMcastFilterProfileCtrlProfileIndex - Integer
                  2:swMcastFilterProfileCtrlStartAddress - IP Address
                  3:swMcastFilterProfileCtrlEndAddress - IP Address
                  4:swMcastFilterProfileCtrlRowStatus - Integer

Parent node       swMcastFilterMgmt
First child       swMcastFilterProfileCtrlEntry
Description        The information of the multicast filter profile table.
```

Panel 4:

```
ee
| swMcastFilterMgmt
    swMcastFilterProfileInfoTable
        swMcastFilterProfileInfoEntry
            swMcastFilterProfileInfoIndex
            swMcastFilterProfileInfoDescription
            swMcastFilterProfileInfoRowStatus
    swMcastFilterProfileCtrlTable
        swMcastFilterProfileCtrlEntry
            swMcastFilterProfileCtrlProfileIndex
            swMcastFilterProfileCtrlStartAddress
            swMcastFilterProfileCtrlEndAddress
            swMcastFilterProfileCtrlRowStatus
```

```
Object name       swMcastFilterProfileCtrlEntry
Object ID         1.3.6.1.4.1.171.12.53.2.1
Module            MCAST-FILTER-MIB

Base syntax       Sequence
Access            Not_Accessible
Status            Current
Index             1.swMcastFilterProfileCtrlProfileIndex
                  2.swMcastFilterProfileCtrlStartAddress
                  3.swMcastFilterP

Parent node       swMcastFilterProfileCtrlTable
First child       swMcastFilterProfileCtrlProfileIndex
Description        A list of information contained in swMcastFilterProfileCtrlTable.
```

Panel 5:

```
ee
| swMcastFilterMgmt
    swMcastFilterProfileInfoTable
        swMcastFilterProfileInfoEntry
            swMcastFilterProfileInfoIndex
            swMcastFilterProfileInfoDescription
            swMcastFilterProfileInfoRowStatus
    swMcastFilterProfileCtrlTable
        swMcastFilterProfileCtrlEntry
            swMcastFilterProfileCtrlProfileIndex
            swMcastFilterProfileCtrlStartAddress
            swMcastFilterProfileCtrlEndAddress
            swMcastFilterProfileCtrlRowStatus
```

```
Object name       swMcastFilterProfileCtrlProfileIndex
Object ID         1.3.6.1.4.1.171.12.53.2.1.1
Module            MCAST-FILTER-MIB

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

Parent node       swMcastFilterProfileCtrlEntry
First child       None
Description        This object indicates the profile ID for this entry.
```

Panel 6:

```
ee
| swMcastFilterMgmt
    swMcastFilterProfileInfoTable
        swMcastFilterProfileInfoEntry
            swMcastFilterProfileInfoIndex
            swMcastFilterProfileInfoDescription
            swMcastFilterProfileInfoRowStatus
    swMcastFilterProfileCtrlTable
        swMcastFilterProfileCtrlEntry
            swMcastFilterProfileCtrlProfileIndex
            swMcastFilterProfileCtrlStartAddress
            swMcastFilterProfileCtrlEndAddress
            swMcastFilterProfileCtrlRowStatus
```

```
Object name       swMcastFilterProfileCtrlStartAddress
Object ID         1.3.6.1.4.1.171.12.53.2.1.2
Module            MCAST-FILTER-MIB

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

Parent node       swMcastFilterProfileCtrlEntry
First child       None
Description        This object specifies begin IP address for this range.
```

swMcastFilterProfileCtrlEndAddress

```
Object name       swMcastFilterProfileCtrlEndAddress
Object ID         1.3.6.1.4.1.171.12.53.2.1.3
Module            MCAST-FILTER-MIB

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

Parent node       swMcastFilterProfileCtrlEntry
First child       None
Description        This object specifies end IP address for this range.
```

swMcastFilterProfileCtrlRowStatus

```
Object name       swMcastFilterProfileCtrlRowStatus
Object ID         1.3.6.1.4.1.171.12.53.2.1.4
Module            MCAST-FILTER-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       swMcastFilterProfileCtrlEntry
First child       None
Description        This object indicates the status of this entry.
```

swMcastFilterPortGroupTable

```
Object name       swMcastFilterPortGroupTable
Object ID         1.3.6.1.4.1.171.12.53.3
Module            MCAST-FILTER-MIB

Base syntax       Sequence Of swMcastFilterPortGroupEntry
Access            Not_Accessible
Status            Current
Sequence          1:swMcastFilterPortGroupPortIndex - Integer
                  2:swMcastFilterPortGroupProfileId - Integer
                  3:swMcastFilterPortGroupRowStatus - Integer

Parent node       swMcastFilterPortGroupMgmt
First child       swMcastFilterPortGroupEntry
Description        The information of the router port group table.
```

swMcastFilterPortGroupEntry

```
Object name       swMcastFilterPortGroupEntry
Object ID         1.3.6.1.4.1.171.12.53.3.1
Module            MCAST-FILTER-MIB

Base syntax       Sequence
Access            Not_Accessible
Status            Current
Index             1.swMcastFilterPortGroupPortIndex
                  2.swMcastFilterPortGroupProfileId

Parent node       swMcastFilterPortGroupTable
First child       swMcastFilterPortGroupPortIndex
Description        A list of information contained in the swMcastFilterPortGroupTable.
```

swMcastFilterPortGroupPortIndex

```
Object name       swMcastFilterPortGroupPortIndex
Object ID         1.3.6.1.4.1.171.12.53.3.1.1
Module            MCAST-FILTER-MIB

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

Parent node       swMcastFilterPortGroupEntry
First child       None
Description        This object indicates the port number for this entry.
```

swMcastFilterPortGroupProfileId

```
Object name       swMcastFilterPortGroupProfileId
Object ID         1.3.6.1.4.1.171.12.53.3.1.2
Module            MCAST-FILTER-MIB

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

Parent node       swMcastFilterPortGroupEntry
First child       None
Description        This object indicates the profile ID for this entry.
```

Panel 1

```
Object name        swMcastFilterPortGroupRowStatus
Object ID          1.3.6.1.4.1.171.12.53.3.1.3
Module             MCAST-FILTER-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        swMcastFilterPortGroupEntry
First child        None
Description         This object indicates the status of this entry.
```

Tree:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
    - swMcastFilterPortGroupEntry
      - swMcastFilterPortGroupPortIndex
      - swMcastFilterPortGroupProfileId
      - swMcastFilterPortGroupRowStatus
  - swMcastFilterPortAccessTable
  - swMcastFilterPortMaxGroupTable
  - swMcastFilterVLANGroupTable

Panel 2

```
Object name        swMcastFilterPortAccessTable
Object ID          1.3.6.1.4.1.171.12.53.4
Module             MCAST-FILTER-MIB

Base syntax        Sequence Of swMcastFilterPortAccessEntry
Access             Not_Accessible
Status             Current
Sequence           1:swMcastFilterPortAccessPortIndex - Integer
                   2:swMcastFilterPortAccessState - Integer

Parent node        swMcastFilterMgmt
First child        swMcastFilterPortAccessEntry
Description         The access state information of the port table.
```

Tree:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
    - swMcastFilterPortAccessEntry
      - swMcastFilterPortAccessPortIndex
      - swMcastFilterPortAccessState

Panel 3

```
Object name        swMcastFilterPortAccessEntry
Object ID          1.3.6.1.4.1.171.12.53.4.1
Module             MCAST-FILTER-MIB

Base syntax        Sequence
Access             Not_Accessible
Status             Current
Index              1.swMcastFilterPortAccessPortIndex

Parent node        swMcastFilterPortAccessTable
First child        swMcastFilterPortAccessPortIndex
Description         A list of information contained in the swMcastFilterPortAccessTable.
```

Tree:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
    - swMcastFilterPortAccessEntry
      - swMcastFilterPortAccessPortIndex
      - swMcastFilterPortAccessState

Panel 4

```
Object name        swMcastFilterPortAccessPortIndex
Object ID          1.3.6.1.4.1.171.12.53.4.1.1
Module             MCAST-FILTER-MIB

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

Parent node        swMcastFilterPortAccessEntry
First child        None
Description         This object indicates the port number for this entry.
```

Tree:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
    - swMcastFilterPortAccessEntry
      - swMcastFilterPortAccessPortIndex
      - swMcastFilterPortAccessState

Panel 5

```
Object name        swMcastFilterPortAccessState
Object ID          1.3.6.1.4.1.171.12.53.4.1.2
Module             MCAST-FILTER-MIB

Base syntax        Integer
Composed syntax    INTEGER
Access             Read-Write
Status             Current
Value list         1 : permit(1)
                   2 : deny(2)

Parent node        swMcastFilterPortAccessEntry
First child        None
Description         This object indicates the access state for this entry.
```

Tree:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
    - swMcastFilterPortAccessEntry
      - swMcastFilterPortAccessPortIndex
      - swMcastFilterPortAccessState

Panel 6

```
Object name        swMcastFilterPortMaxGroupTable
Object ID          1.3.6.1.4.1.171.12.53.5
Module             MCAST-FILTER-MIB

Base syntax        Sequence Of swMcastFilterPortMaxGroupEntry
Access             Not_Accessible
Status             Current
Sequence           1:swMcastFilterPortMaxGroupPortIndex - Integer
                   2:swMcastFilterPortMaxGroup - Integer
                   3:swMcastFilterPortCurrentCount - Integer
                   4:swMcastFilterPortMaxGroupAction - Integer

Parent node        swMcastFilterMgmt
First child        swMcastFilterPortMaxGroupEntry
Description         The maximum registered group information of the port table.
```

Tree:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
  - swMcastFilterPortMaxGroupTable
    - swMcastFilterPortMaxGroupEntry
      - swMcastFilterPortMaxGroupPortIndex
      - swMcastFilterPortMaxGroup
      - swMcastFilterPortCurrentCount
      - swMcastFilterPortMaxGroupAction

swMcastFilterPortMaxGroupEntry

```
Object name        swMcastFilterPortMaxGroupEntry
Object ID          1.3.6.1.4.1.171.12.53.5.1
Module             MCAST-FILTER-MIB

Base syntax        Sequence
Access             Not_Accessible
Status             Current
Index              1.swMcastFilterPortMaxGroupPortIndex

Parent node        swMcastFilterPortMaxGroupTable
First child        swMcastFilterPortMaxGroupPortIndex
Description         A list of information contained in the swMcastFilterPortMaxGroupTable.
```

swMcastFilterPortMaxGroupPortIndex

```
Object name        swMcastFilterPortMaxGroupPortIndex
Object ID          1.3.6.1.4.1.171.12.53.5.1.1
Module             MCAST-FILTER-MIB

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

Parent node        swMcastFilterPortMaxGroupEntry
First child        None
Description         This object indicates the port number for this entry.
```

swMcastFilterPortMaxGroup

```
Object name        swMcastFilterPortMaxGroup
Object ID          1.3.6.1.4.1.171.12.53.5.1.2
Module             MCAST-FILTER-MIB

Base syntax        Integer
Composed syntax    INTEGER
Access             Read-Write
Status             Current
Value list         1 : 0..1024

Parent node        swMcastFilterPortMaxGroupEntry
First child        None
Description         This object indicates the maximum number of groups that
                   can be registered on this port.
                   A value of 0 means infinite.
```

swMcastFilterPortCurrentCount

```
Object name        swMcastFilterPortCurrentCount
Object ID          1.3.6.1.4.1.171.12.53.5.1.3
Module             MCAST-FILTER-MIB

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

Parent node        swMcastFilterPortMaxGroupEntry
First child        None
Description         This object indicates the counter of registered groups
                   on this port.
```

swMcastFilterPortMaxGroupAction

```
Object name        swMcastFilterPortMaxGroupAction
Object ID          1.3.6.1.4.1.171.12.53.5.1.4
Module             MCAST-FILTER-MIB

Base syntax        Integer
Composed syntax    INTEGER
Access             Read-Write
Status             Current
Value list         1 : drop(1)
                   2 : replace(2)

Parent node        swMcastFilterPortMaxGroupEntry
First child        None
Description         The action for the group number is up to max group.
```

Object name   swMcastFilterVLANGroupEntry
Object ID   1.3.6.1.4.1.171.12.53.6.1
Module   MCAST-FILTER-MIB

Base syntax   Sequence
Access   Not_Accessible
Status   Current
Index   1.swMcastFilterVLANGroupVLANIndex
               2.swMcastFilterVLANGroupProfileId

Parent node   swMcastFilterVLANGroupTable
First child   swMcastFilterVLANGroupVLANIndex
Description   A list of information contained in the swMcastFilterVLANGroupTable.

Object name   swMcastFilterVLANGroupVLANIndex
Object ID   1.3.6.1.4.1.171.12.53.6.1.1
Module   MCAST-FILTER-MIB

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

Parent node   swMcastFilterVLANGroupEntry
First child   None
Description   This object indicates the VLAN number for this entry.

Object name   swMcastFilterVLANGroupProfileId
Object ID   1.3.6.1.4.1.171.12.53.6.1.2
Module   MCAST-FILTER-MIB

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

Parent node   swMcastFilterVLANGroupEntry
First child   None
Description   This object indicates the profile ID for this entry.

Object name   swMcastFilterVLANGroupRowStatus
Object ID   1.3.6.1.4.1.171.12.53.6.1.3
Module   MCAST-FILTER-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   swMcastFilterVLANGroupEntry
First child   None
Description   This object indicates the status of this entry.

Object name   swMcastFilterVLANAccessEntry
Object ID   1.3.6.1.4.1.171.12.53.7.1
Module   MCAST-FILTER-MIB

Base syntax   Sequence
Access   Not_Accessible
Status   Current
Index   1.swMcastFilterVLANAccessVLANIndex

Parent node   swMcastFilterVLANAccessTable
First child   swMcastFilterVLANAccessVLANIndex
Description   A list of information contained in swMcastFilterVLANAccessTable.

Tree panel:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
  - swMcastFilterPortMaxGroupTable
  - swMcastFilterVLANGroupTable
  - swMcastFilterVLANAccessTable
    - swMcastFilterVLANAccessEntry
      - **swMcastFilterVLANAccessVLANIndex**

Object name	swMcastFilterVLANAccessVLANIndex
Object ID	1.3.6.1.4.1.171.12.53.7.1.1
Module	MCAST-FILTER-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 1..65535
Parent node	swMcastFilterVLANAccessEntry
First child	None
Description	This object indicates the VLAN number for this entry.

Tree panel:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
  - swMcastFilterPortMaxGroupTable
  - swMcastFilterVLANGroupTable
  - swMcastFilterVLANAccessTable
    - swMcastFilterVLANAccessEntry
      - swMcastFilterVLANAccessVLANIndex
      - **swMcastFilterVLANAccessState**

Object name	swMcastFilterVLANAccessState
Object ID	1.3.6.1.4.1.171.12.53.7.1.2
Module	MCAST-FILTER-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : permit(1)
	2 : deny(2)
Parent node	swMcastFilterVLANAccessEntry
First child	None
Description	This object indicates the access state for this entry.

Tree panel:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
  - swMcastFilterPortMaxGroupTable
  - swMcastFilterVLANGroupTable
  - swMcastFilterVLANAccessTable
  - swMcastFilterVLANMaxGroupTable
    - **swMcastFilterVLANMaxGroupEntry**
      - swMcastFilterVLANMaxGroupVLANInde
      - swMcastFilterVLANMaxGroup
      - swMcastFilterVLANCurrentCount
      - swMcastFilterVLANMaxGroupAction

Object name	swMcastFilterVLANMaxGroupEntry
Object ID	1.3.6.1.4.1.171.12.53.8.1
Module	MCAST-FILTER-MIB
Base syntax	Sequence
Access	Not_Accessible
Status	Current
Index	1.swMcastFilterVLANMaxGroupVLANIndex
Parent node	swMcastFilterVLANMaxGroupTable
First child	swMcastFilterVLANMaxGroupVLANIndex
Description	A list of information contained in swMcastFilterVLANMaxGroupTable.

Tree panel:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
  - swMcastFilterPortMaxGroupTable
  - swMcastFilterVLANGroupTable
  - swMcastFilterVLANAccessTable
  - swMcastFilterVLANMaxGroupTable
    - swMcastFilterVLANMaxGroupEntry
      - **swMcastFilterVLANMaxGroupVLANIndex**
      - swMcastFilterVLANMaxGroup
      - swMcastFilterVLANCurrentCount
      - swMcastFilterVLANMaxGroupAction

Object name	swMcastFilterVLANMaxGroupVLANIndex
Object ID	1.3.6.1.4.1.171.12.53.8.1.1
Module	MCAST-FILTER-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 1..65535
Parent node	swMcastFilterVLANMaxGroupEntry
First child	None
Description	This object indicates the VLAN number for this entry.

Tree panel:
- swMcastFilterMgmt
  - swMcastFilterProfileInfoTable
    - swMcastFilterProfileInfoEntry
      - swMcastFilterProfileInfoIndex
      - swMcastFilterProfileInfoDescription
      - swMcastFilterProfileInfoRowStatus
  - swMcastFilterProfileCtrlTable
  - swMcastFilterPortGroupTable
  - swMcastFilterPortAccessTable
  - swMcastFilterPortMaxGroupTable
  - swMcastFilterVLANGroupTable
  - swMcastFilterVLANAccessTable
  - swMcastFilterVLANMaxGroupTable
    - swMcastFilterVLANMaxGroupEntry
      - swMcastFilterVLANMaxGroupVLANInde
      - **swMcastFilterVLANMaxGroup**
      - swMcastFilterVLANCurrentCount
      - swMcastFilterVLANMaxGroupAction

Object name	swMcastFilterVLANMaxGroup
Object ID	1.3.6.1.4.1.171.12.53.8.1.2
Module	MCAST-FILTER-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : 0..1024
Parent node	swMcastFilterVLANMaxGroupEntry
First child	None
Description	This object indicates the maximum number of groups can be registered within this VLAN. A value of 0 means infinite.

Object name   swMcastFilterVLANCurrentCount
Object ID   1.3.6.1.4.1.171.12.53.8.1.3
Module   MCAST-FILTER-MIB

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

Parent node   swMcastFilterVLANMaxGroupEntry
First child   None
Description   This object indicates the counter of registered groups
                   within this VLAN.

Tree
swMcastFilterMgmt
  swMcastFilterProfileInfoTable
    swMcastFilterProfileInfoEntry
      swMcastFilterProfileInfoIndex
      swMcastFilterProfileInfoDescription
      swMcastFilterProfileInfoRowStatus
  swMcastFilterProfileCtrlTable
  swMcastFilterPortGroupTable
  swMcastFilterPortAccessTable
  swMcastFilterPortMaxGroupTable
  swMcastFilterVLANGroupTable
  swMcastFilterVLANAccessTable
  swMcastFilterVLANMaxGroupTable
    swMcastFilterVLANMaxGroupEntry
      swMcastFilterVLANMaxGroupVLANInde
      swMcastFilterVLANMaxGroup
      swMcastFilterVLANCurrentCount
      swMcastFilterVLANMaxGroupAction

Object name   swMcastFilterVLANMaxGroupAction
Object ID   1.3.6.1.4.1.171.12.53.8.1.4
Module   MCAST-FILTER-MIB

Base syntax   Integer
Composed syntax   INTEGER
Access   Read-Write
Status   Current
Value list   1 : drop(1)
                   2 : replace(2)

Parent node   swMcastFilterVLANMaxGroupEntry
First child   None
Description   The action for the group number is up to max group.

Tree
swMcastFilterMgmt
  swMcastFilterProfileInfoTable
    swMcastFilterProfileInfoEntry
      swMcastFilterProfileInfoIndex
      swMcastFilterProfileInfoDescription
      swMcastFilterProfileInfoRowStatus
  swMcastFilterProfileCtrlTable
  swMcastFilterPortGroupTable
  swMcastFilterPortAccessTable
  swMcastFilterPortMaxGroupTable
  swMcastFilterVLANGroupTable
  swMcastFilterVLANAccessTable
  swMcastFilterVLANMaxGroupTable
    swMcastFilterVLANMaxGroupEntry
      swMcastFilterVLANMaxGroupVLANInde
      swMcastFilterVLANMaxGroup
      swMcastFilterVLANCurrentCount
      swMcastFilterVLANMaxGroupAction