

# How to configure limited multicast address on DGS-3200-10

MIB: MCAST-FILTER-MIB

## Examples:

1. create mcast\_filter\_profile profile\_id 12 profile\_name abc

```
snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.53.1.1.2.12 s abc 1.3.6.1.4.1.171.12.53.1.1.3.12 i 4
```

2. config mcast\_filter\_profile profile\_id 12 add 228.1.1.1-230.255.255.255

```
snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.53.2.1.4.12.228.1.1.1.230.255.255.255 i 4
```

3. config limited\_multicast\_addr ports 1 add profile\_id 12 access permit

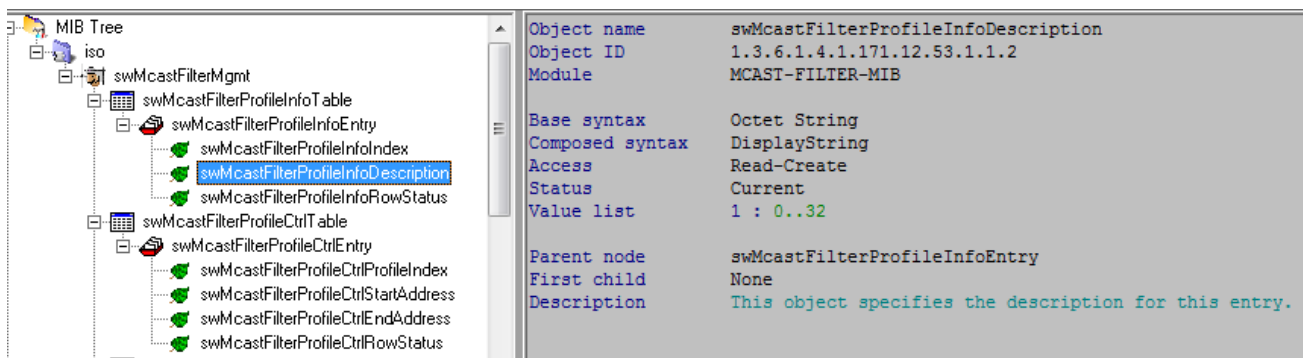
```
snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.53.3.1.3.1.12 i 4 1.3.6.1.4.1.171.12.53.4.1.2.1 i 1
```

4. config limited\_multicast\_addr vlanid 1 add profile\_id 12 access permit

```
snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.53.6.1.3.1.12 i 4 1.3.6.1.4.1.171.12.53.7.1.2.1 i 1
```

## OIDs:

1.3.6.1.4.1.171.12.53.1.1.2



The screenshot displays a network management interface with a MIB Tree on the left and an Object Information panel on the right. The MIB Tree shows a hierarchy starting from 'iso' down to 'swMcastFilterProfileInfoDescription', which is highlighted in blue. The Object Information panel provides details for this object:

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.

### 1.3.6.1.4.1.171.12.53.1.1.3

	<b>Object name</b> swMcastFilterProfileInfoRowStatus <b>Object ID</b> 1.3.6.1.4.1.171.12.53.1.1.3 <b>Module</b> MCAST-FILTER-MIB
	<b>Base syntax</b> Integer <b>Composed syntax</b> RowStatus <b>Access</b> Read-Create <b>Status</b> Current <b>Value list</b> 1 : active(1) 2 : notInService(2) 3 : notReady(3) 4 : createAndGo(4) 5 : createAndWait(5) 6 : destroy(6)
<b>Parent node</b> swMcastFilterProfileInfoEntry <b>First child</b> None <b>Description</b> This object indicates the status of this entry.	

### 1.3.6.1.4.1.171.12.53.2.1.4

	<b>Object name</b> swMcastFilterProfileCtrlRowStatus <b>Object ID</b> 1.3.6.1.4.1.171.12.53.2.1.4 <b>Module</b> MCAST-FILTER-MIB
	<b>Base syntax</b> Integer <b>Composed syntax</b> RowStatus <b>Access</b> Read-Create <b>Status</b> Current <b>Value list</b> 1 : active(1) 2 : notInService(2) 3 : notReady(3) 4 : createAndGo(4) 5 : createAndWait(5) 6 : destroy(6)
<b>Parent node</b> swMcastFilterProfileCtrlEntry <b>First child</b> None <b>Description</b> This object indicates the status of this entry.	

### 1.3.6.1.4.1.171.12.53.3.1.3

	<b>Object name</b> swMcastFilterPortGroupRowStatus <b>Object ID</b> 1.3.6.1.4.1.171.12.53.3.1.3 <b>Module</b> MCAST-FILTER-MIB
	<b>Base syntax</b> Integer <b>Composed syntax</b> RowStatus <b>Access</b> Read-Create <b>Status</b> Current <b>Value list</b> 1 : active(1) 2 : notInService(2) 3 : notReady(3) 4 : createAndGo(4) 5 : createAndWait(5) 6 : destroy(6)
<b>Parent node</b> swMcastFilterPortGroupEntry <b>First child</b> None <b>Description</b> This object indicates the status of this entry.	

### 1.3.6.1.4.1.171.12.53.4.1.2

<ul style="list-style-type: none"> <li>swMcastFilterProfileCtrlEndAddress</li> <li>swMcastFilterProfileCtrlRowStatus</li> <li>swMcastFilterPortGroupTable <ul style="list-style-type: none"> <li>swMcastFilterPortGroupEntry <ul style="list-style-type: none"> <li>swMcastFilterPortGroupPortIndex</li> <li>swMcastFilterPortGroupProfileId</li> <li>swMcastFilterPortGroupRowStatus</li> </ul> </li> </ul> </li> <li>swMcastFilterPortAccessTable <ul style="list-style-type: none"> <li>swMcastFilterPortAccessEntry <ul style="list-style-type: none"> <li>swMcastFilterPortAccessPortIndex</li> <li><b>swMcastFilterPortAccessState</b></li> </ul> </li> </ul> </li> <li>swMcastFilterPortMaxGroupTable <ul style="list-style-type: none"> <li>swMcastFilterPortMaxGroupEntry</li> <li>swMcastFilterPortMaxGroupPortIndex</li> </ul> </li> </ul>	<b>Object name</b> swMcastFilterPortAccessState <b>Object ID</b> 1.3.6.1.4.1.171.12.53.4.1.2 <b>Module</b> MCAST-FILTER-MIB  <b>Base syntax</b> Integer <b>Composed syntax</b> INTEGER <b>Access</b> Read-Write <b>Status</b> Current <b>Value list</b> 1 : permit(1) 2 : deny(2)
	<b>Parent node</b> swMcastFilterPortAccessEntry <b>First child</b> None <b>Description</b> This object indicates the access state for this entry.

### 1.3.6.1.4.1.171.12.53.3.1.3

<ul style="list-style-type: none"> <li>swMcastFilterProfileCtrlEndAddress</li> <li>swMcastFilterProfileCtrlRowStatus</li> <li>swMcastFilterPortGroupTable <ul style="list-style-type: none"> <li>swMcastFilterPortGroupEntry <ul style="list-style-type: none"> <li>swMcastFilterPortGroupPortIndex</li> <li>swMcastFilterPortGroupProfileId</li> <li><b>swMcastFilterPortGroupRowStatus</b></li> </ul> </li> </ul> </li> <li>swMcastFilterPortAccessTable <ul style="list-style-type: none"> <li>swMcastFilterPortAccessEntry <ul style="list-style-type: none"> <li>swMcastFilterPortAccessPortIndex</li> <li>swMcastFilterPortAccessState</li> </ul> </li> </ul> </li> <li>swMcastFilterPortMaxGroupTable <ul style="list-style-type: none"> <li>swMcastFilterPortMaxGroupEntry <ul style="list-style-type: none"> <li>swMcastFilterPortMaxGroupPortIndex</li> <li>swMcastFilterPortMaxGroup</li> <li>swMcastFilterPortCurrentCount</li> <li>swMcastFilterPortMaxGroupAction</li> </ul> </li> </ul> </li> <li>swMcastFilterVLANGroupTable <ul style="list-style-type: none"> <li>swMcastFilterVLANGroupEntry</li> <li>swMcastFilterVLANGroupVLANIndex</li> </ul> </li> </ul>	<b>Object name</b> swMcastFilterPortGroupRowStatus <b>Object ID</b> 1.3.6.1.4.1.171.12.53.3.1.3 <b>Module</b> MCAST-FILTER-MIB  <b>Base syntax</b> Integer <b>Composed syntax</b> RowStatus <b>Access</b> Read-Create <b>Status</b> Current <b>Value list</b> 1 : active(1) 2 : notInService(2) 3 : notReady(3) 4 : createAndGo(4) 5 : createAndWait(5) 6 : destroy(6)
	<b>Parent node</b> swMcastFilterPortGroupEntry <b>First child</b> None <b>Description</b> This object indicates the status of this entry.

### 1.3.6.1.4.1.171.12.53.4.1.2

<ul style="list-style-type: none"> <li>swMcastFilterPortGroupRowStatus</li> <li>swMcastFilterPortAccessTable <ul style="list-style-type: none"> <li>swMcastFilterPortAccessEntry <ul style="list-style-type: none"> <li>swMcastFilterPortAccessPortIndex</li> <li><b>swMcastFilterPortAccessState</b></li> </ul> </li> </ul> </li> <li>swMcastFilterPortMaxGroupTable <ul style="list-style-type: none"> <li>swMcastFilterPortMaxGroupEntry <ul style="list-style-type: none"> <li>swMcastFilterPortMaxGroupPortIndex</li> <li>swMcastFilterPortMaxGroup</li> <li>swMcastFilterPortCurrentCount</li> <li>swMcastFilterPortMaxGroupAction</li> </ul> </li> </ul> </li> <li>swMcastFilterVLANGroupTable <ul style="list-style-type: none"> <li>swMcastFilterVLANGroupEntry <ul style="list-style-type: none"> <li>swMcastFilterVLANGroupVLANIndex</li> </ul> </li> </ul> </li> </ul>	<b>Object name</b> swMcastFilterPortAccessState <b>Object ID</b> 1.3.6.1.4.1.171.12.53.4.1.2 <b>Module</b> MCAST-FILTER-MIB  <b>Base syntax</b> Integer <b>Composed syntax</b> INTEGER <b>Access</b> Read-Write <b>Status</b> Current <b>Value list</b> 1 : permit(1) 2 : deny(2)
	<b>Parent node</b> swMcastFilterPortAccessEntry <b>First child</b> None <b>Description</b> This object indicates the access state for this entry.

### 1.3.6.1.4.1.171.12.53.6.1.3

<ul style="list-style-type: none"> <li>swMcastFilterPortMaxGroup</li> <li>swMcastFilterPortCurrentCount</li> <li>swMcastFilterPortMaxGroupAction</li> <li>swMcastFilterVLANGroupTable</li> <li>swMcastFilterVLANGroupEntry</li> <li>swMcastFilterVLANGroupVLANIndex</li> <li>swMcastFilterVLANGroupProfileId</li> <li><b>swMcastFilterVLANGroupRowStatus</b></li> <li>swMcastFilterVLANAccessTable</li> <li>swMcastFilterVLANAccessEntry</li> <li>swMcastFilterVLANAccessVLANIndex</li> <li>swMcastFilterVLANAccessState</li> <li>swMcastFilterVLANMaxGroupTable</li> <li>swMcastFilterVLANMaxGroupEntry</li> <li>swMcastFilterVLANMaxGroupVLANIndex</li> <li>swMcastFilterVLANMaxGroup</li> <li>swMcastFilterVLANCurrentCount</li> <li>swMcastFilterVLANMaxGroupAction</li> <li>swMcastFilterIpv6ProfileInfoTable</li> </ul>	<table border="0"> <tr> <td>Object name</td> <td>swMcastFilterVLANGroupRowStatus</td> </tr> <tr> <td>Object ID</td> <td>1.3.6.1.4.1.171.12.53.6.1.3</td> </tr> <tr> <td>Module</td> <td>MCAST-FILTER-MIB</td> </tr> <tr> <td>Base syntax</td> <td>Integer</td> </tr> <tr> <td>Composed syntax</td> <td>RowStatus</td> </tr> <tr> <td>Access</td> <td>Read-Create</td> </tr> <tr> <td>Status</td> <td>Current</td> </tr> <tr> <td>Value list</td> <td>1 : active(1) 2 : notInService(2) 3 : notReady(3) 4 : createAndGo(4) 5 : createAndWait(5) 6 : destroy(6)</td> </tr> <tr> <td>Parent node</td> <td>swMcastFilterVLANGroupEntry</td> </tr> <tr> <td>First child</td> <td>None</td> </tr> <tr> <td>Description</td> <td>This object indicates the status of this entry.</td> </tr> </table>	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.
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First child	None																						
Description	This object indicates the status of this entry.																						

### 1.3.6.1.4.1.171.12.53.7.1

<ul style="list-style-type: none"> <li>swMcastFilterVLANGroupProfileId</li> <li>swMcastFilterVLANGroupRowStatus</li> <li>swMcastFilterVLANAccessTable</li> <li>swMcastFilterVLANAccessEntry</li> <li>swMcastFilterVLANAccessVLANIndex</li> <li><b>swMcastFilterVLANAccessState</b></li> <li>swMcastFilterVLANMaxGroupTable</li> <li>swMcastFilterVLANMaxGroupEntry</li> <li>swMcastFilterVLANMaxGroupVLANIndex</li> <li>swMcastFilterVLANMaxGroup</li> <li>swMcastFilterVLANCurrentCount</li> <li>swMcastFilterVLANMaxGroupAction</li> <li>swMcastFilterIpv6ProfileInfoTable</li> <li>swMcastFilterIpv6ProfileInfoEntry</li> </ul>	<table border="0"> <tr> <td>Object name</td> <td>swMcastFilterVLANAccessState</td> </tr> <tr> <td>Object ID</td> <td>1.3.6.1.4.1.171.12.53.7.1.2</td> </tr> <tr> <td>Module</td> <td>MCAST-FILTER-MIB</td> </tr> <tr> <td>Base syntax</td> <td>Integer</td> </tr> <tr> <td>Composed syntax</td> <td>INTEGER</td> </tr> <tr> <td>Access</td> <td>Read-Write</td> </tr> <tr> <td>Status</td> <td>Current</td> </tr> <tr> <td>Value list</td> <td>1 : permit(1) 2 : deny(2)</td> </tr> <tr> <td>Parent node</td> <td>swMcastFilterVLANAccessEntry</td> </tr> <tr> <td>First child</td> <td>None</td> </tr> <tr> <td>Description</td> <td>This object indicates the access state for this entry.</td> </tr> </table>	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.
Object name	swMcastFilterVLANAccessState																						
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