

## ACL Counter OIDs on DGS-3600 Series

F/W: 2.8

MIB: ACL.mib

### OIDs:

```
1.3.6.1.4.1.171.12.9.3.8
1.3.6.1.4.1.171.12.9.3.8.1
1.3.6.1.4.1.171.12.9.3.8.1.1
1.3.6.1.4.1.171.12.9.3.8.1.2
1.3.6.1.4.1.171.12.9.3.8.1.3
1.3.6.1.4.1.171.12.9.3.8.1.4
1.3.6.1.4.1.171.12.9.3.8.1.5
1.3.6.1.4.1.171.12.9.3.8.1.6
1.3.6.1.4.1.171.12.9.3.8.1.7
```

### Command Examples:

```
snmpwalk -v2c -c public 192.168.1.1 1.3.6.1.4.1.171.12.9.3.8.1.4
```

To get specific profile and access ID, append the IDs after the OID (e.g. profile ID 4, access ID 20)

```
snmpwalk -v2c -c public 192.168.1.1 1.3.6.1.4.1.171.12.9.3.8.1.4.20
```

### Snapshots:

```
1.3.6.1.4.1.171.12.9.3.8.1.1
```

The screenshot shows a network management interface with a tree view on the left and a details pane on the right. The tree view shows the following hierarchy:

- swACLCounterTable
  - swACLCounterEntry
    - swACLCounterProfileID

The details pane for swACLCounterProfileID shows the following information:

Object name	swACLCounterProfileID
Object ID	1.3.6.1.4.1.171.12.9.3.8.1.1
Module	ACLMGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Parent node	swACLCounterEntry
First child	None
Description	The ID of the ACL mask entry, which is unique in the mask list.

1.3.6.1.4.1.171.12.9.3.8.1.2

swACLPktContRuleOffsetCh	Object name	swACLCounterAccessID
swACLPktContRuleOffsetCh	Object ID	1.3.6.1.4.1.171.12.9.3.8.1.2
swACLPktContRuleOptionE	Module	ACLMGMT-MIB
swACLPktContRuleOptionP	Base syntax	Integer
swACLPktContRuleOptionR	Access	INTEGER
swACLPktContRuleOptionR	Status	Read-Only
swACLPktContRuleOptionP	Value list	Current
swACLPktContRuleOptionP	Value list	1 : 1..65535
swACLPktContRuleOptionR	Parent node	swACLCounterEntry
swACLPktContRuleOptionO	First child	None
swACLPktContRuleOptionR	Description	The ID of the ACL rule entry as related to the swACLCounterProfileID.
swACLPktContRuleOptionT		
swACLPktContRuleOptionM		
swACLCounterTable		
swACLCounterEntry		
swACLCounterProfileID		
swACLCounterAccessID		

1.3.6.1.4.1.171.12.9.3.8.1.3

swACLPktContRuleOff	Object name	swACLCounterState
swACLPktContRuleOff	Object ID	1.3.6.1.4.1.171.12.9.3.8.1.3
swACLPktContRuleOp	Module	ACLMGMT-MIB
swACLPktContRuleOp	Base syntax	Integer
swACLPktContRuleOptionReplacePriority	Composed syntax	INTEGER
swACLPktContRuleOp	Access	Read-Write
swACLPktContRuleOp	Status	Current
swACLPktContRuleOp	Value list	1 : enabled(1)
swACLPktContRuleOp	Value list	2 : disabled(2)
swACLPktContRuleOp	Parent node	swACLCounterEntry
swACLPktContRuleOp	First child	None
swACLPktContRuleOp	Description	Specifies whether the counter feature will be enabled/disabled. 1. This is optional. The default is disable. 2. If the rule is not bound with flow_meter, then all packets that match will be counted. If the rule is bound with flow_meter, then the 'counter' will be overridden.
swACLCounterTable		
swACLCounterEntry		
swACLCounterProfileID		
swACLCounterAccess		
swACLCounterState		

1.3.6.1.4.1.171.12.9.3.8.1.4

swACLPktContRuleOffsetChur	Object name	swACLCounterTotalCounter
swACLPktContRuleOffsetChur	Object ID	1.3.6.1.4.1.171.12.9.3.8.1.4
swACLPktContRuleOptionEna	Module	ACLMGMT-MIB
swACLPktContRuleOptionPrio	Base syntax	Counter64
swACLPktContRuleOptionRep	Composed syntax	Counter64
swACLPktContRuleOptionEna	Access	Read-Only
swACLPktContRuleOptionRep	Status	Current
swACLPktContRuleOptionPerr	Parent node	swACLCounterEntry
swACLPktContRuleOptionPort	First child	None
swACLPktContRuleOptionRow	Description	The number of matched packets.
swACLPktContRuleOptionOwr		
swACLPktContRuleOptionRxR		
swACLPktContRuleOptionTime		
swACLPktContRuleOptionMirr		
swACLCounterTable		
swACLCounterEntry		
swACLCounterProfileID		
swACLCounterAccessID		
swACLCounterState		
swACLCounterTotalCounter		

1.3.6.1.4.1.171.12.9.3.8.1.5

swACLPktContRuleOffsetChur	Object name	swACLCounterGreenCounter
swACLPktContRuleOffsetChur	Object ID	1.3.6.1.4.1.171.12.9.3.8.1.5
swACLPktContRuleOptionEnablePriority	Module	ACLMGMT-MIB
swACLPktContRuleOptionPrio	Base syntax	Counter64
swACLPktContRuleOptionRep	Composed syntax	Counter64
swACLPktContRuleOptionEna	Access	Read-Only
swACLPktContRuleOptionRep	Status	Current
swACLPktContRuleOptionPerr	Parent node	swACLCounterEntry
swACLPktContRuleOptionPort	First child	None
swACLPktContRuleOptionRow	Description	The number of matched green packets.
swACLPktContRuleOptionOwr		
swACLPktContRuleOptionRxR		
swACLPktContRuleOptionTime		
swACLPktContRuleOptionMirr		
swACLCounterTable		
swACLCounterEntry		
swACLCounterProfileID		
swACLCounterAccessID		
swACLCounterState		
swACLCounterTotalCounter		
swACLCounterGreenCounter		

1.3.6.1.4.1.171.12.9.3.8.1.6

swACLpktContRuleOffsetChun	Object name	swACLCounterYellowCounter
swACLpktContRuleOffsetChun	Object ID	1.3.6.1.4.1.171.12.9.3.8.1.6
swACLpktContRuleOptionEnat	Module	ACLMGMT-MIB
swACLpktContRuleOptionPriot	Base syntax	Counter64
swACLpktContRuleOptionRepl	Composed syntax	Counter64
swACLpktContRuleOptionEnat	Access	Read-Only
swACLpktContRuleOptionRepl	Status	Current
swACLpktContRuleOptionPerr	Parent node	swACLCounterEntry
swACLpktContRuleOptionPort	First child	None
swACLpktContRuleOptionRow	Description	The number of matched yellow packets.
swACLpktContRuleOptionOwn		
swACLpktContRuleOptionRxR.		
swACLpktContRuleOptionTime		
swACLpktContRuleOptionMirro		
CLCounterTable		
swACLCounterEntry		
swACLCounterProfileID		
swACLCounterAccessID		
swACLCounterState		
swACLCounterTotalCounter		
swACLCounterGreenCounter		
swACLCounterYellowCounter		

1.3.6.1.4.1.171.12.9.3.8.1.7

swACLpktContRuleOffsetChun	Object name	swACLCounterRedCounter
swACLpktContRuleOffsetChun	Object ID	1.3.6.1.4.1.171.12.9.3.8.1.7
swACLpktContRuleOptionEnat	Module	ACLMGMT-MIB
swACLpktContRuleOptionPriot	Base syntax	Counter64
swACLpktContRuleOptionRepl	Composed syntax	Counter64
swACLpktContRuleOptionEnat	Access	Read-Only
swACLpktContRuleOptionRepl	Status	Current
swACLpktContRuleOptionPerr	Parent node	swACLCounterEntry
swACLpktContRuleOptionPort	First child	None
swACLpktContRuleOptionRow	Description	The number of matched red packets.
swACLpktContRuleOptionOwn		
swACLpktContRuleOptionRxR.		
swACLpktContRuleOptionTime		
swACLpktContRuleOptionMirro		
CLCounterTable		
swACLCounterEntry		
swACLCounterProfileID		
swACLCounterAccessID		
swACLCounterState		
swACLCounterTotalCounter		
swACLCounterGreenCounter		
swACLCounterYellowCounter		
swACLCounterRedCounter		