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
```

1.3.6.1.4.1.171.12.9.3.8.1.2

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

1.3.6.1.4.1.171.12.9.3.8.1.3

Object name	swACLCounterState
Object ID	1.3.6.1.4.1.171.12.9.3.8.1.3
Module	ACLMGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : enabled(1)
	2 : disabled(2)
Parent node	swACLCounterEntry
First child	None
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.

`1.3.6.1.4.1.171.12.9.3.8.1.4`

swACLPktContRuleOffsetChur
swACLPktContRuleOffsetChur
swACLPktContRuleOptionEna
swACLPktContRuleOptionPrio
swACLPktContRuleOptionRep
swACLPktContRuleOptionEna
swACLPktContRuleOptionRep
swACLPktContRuleOptionPerr
swACLPktContRuleOptionPort
swACLPktContRuleOptionRow
swACLPktContRuleOptionOwr
swACLPktContRuleOptionRxR
swACLPktContRuleOptionTime
swACLPktContRuleOptionMirro
ACLCounterTable
swACLCounterEntry
swACLCounterProfileID
swACLCounterAccessID
swACLCounterState
swACLCounterTotalCounter

Object name	swACLCounterTotalCounter
Object ID	1.3.6.1.4.1.171.12.9.3.8.1.4
Module	ACLMGMT-MIB
Base syntax	Counter64
Composed syntax	Counter64
Access	Read-Only
Status	Current
Parent node	swACLCounterEntry
First child	None
Description	The number of matched packets.

`1.3.6.1.4.1.171.12.9.3.8.1.5`

swACLPktContRuleOffsetChur
swACLPktContRuleOffsetChur
swACLPktContRuleOptionEnablePriority
swACLPktContRuleOptionPrio
swACLPktContRuleOptionRep
swACLPktContRuleOptionEna
swACLPktContRuleOptionRep
swACLPktContRuleOptionPerr
swACLPktContRuleOptionPort
swACLPktContRuleOptionRow
swACLPktContRuleOptionOwr
swACLPktContRuleOptionRxR
swACLPktContRuleOptionTime
swACLPktContRuleOptionMirro
ACLCounterTable
swACLCounterEntry
swACLCounterProfileID
swACLCounterAccessID
swACLCounterState
swACLCounterTotalCounter
swACLCounterGreenCounter

Object name	swACLCounterGreenCounter
Object ID	1.3.6.1.4.1.171.12.9.3.8.1.5
Module	ACLMGMT-MIB
Base syntax	Counter64
Composed syntax	Counter64
Access	Read-Only
Status	Current
Parent node	swACLCounterEntry
First child	None
Description	The number of matched green packets.

1.3.6.1.4.1.171.12.9.3.8.1.6

- swACLPktContRuleOffsetChun
- swACLPktContRuleOffsetChun
- swACLPktContRuleOptionEnat
- swACLPktContRuleOptionPriori
- swACLPktContRuleOptionRepl
- swACLPktContRuleOptionEnat
- swACLPktContRuleOptionRepl
- swACLPktContRuleOptionPerm
- swACLPktContRuleOptionPort
- swACLPktContRuleOptionRow
- swACLPktContRuleOptionOwn
- swACLPktContRuleOptionRxR
- swACLPktContRuleOptionTime
- swACLPktContRuleOptionMirro

CLCounterTable
swACLCounterEntry
- swACLCounterProfileID
- swACLCounterAccessID
- swACLCounterState
- swACLCounterTotalCounter
- swACLCounterGreenCounter
- swACLCounterYellowCounter

Object name	swACLCounterYellowCounter
Object ID	1.3.6.1.4.1.171.12.9.3.8.1.6
Module	ACLMGMT-MIB
Base syntax	Counter64
Composed syntax	Counter64
Access	Read-Only
Status	Current
Parent node	swACLCounterEntry
First child	None
Description	The number of matched yellow packets.

1.3.6.1.4.1.171.12.9.3.8.1.7

- swACLPktContRuleOffsetChun
- swACLPktContRuleOffsetChun
- swACLPktContRuleOptionEnat
- swACLPktContRuleOptionPriori
- swACLPktContRuleOptionRepl
- swACLPktContRuleOptionEnat
- swACLPktContRuleOptionRepl
- swACLPktContRuleOptionPerm
- swACLPktContRuleOptionPort
- swACLPktContRuleOptionRow
- swACLPktContRuleOptionOwn
- swACLPktContRuleOptionRxR
- swACLPktContRuleOptionTime
- swACLPktContRuleOptionMirro

CLCounterTable
swACLCounterEntry
- swACLCounterProfileID
- swACLCounterAccessID
- swACLCounterState
- swACLCounterTotalCounter
- swACLCounterGreenCounter
- swACLCounterYellowCounter
- swACLCounterRedCounter

Object name	swACLCounterRedCounter
Object ID	1.3.6.1.4.1.171.12.9.3.8.1.7
Module	ACLMGMT-MIB
Base syntax	Counter64
Composed syntax	Counter64
Access	Read-Only
Status	Current
Parent node	swACLCounterEntry
First child	None
Description	The number of matched red packets.