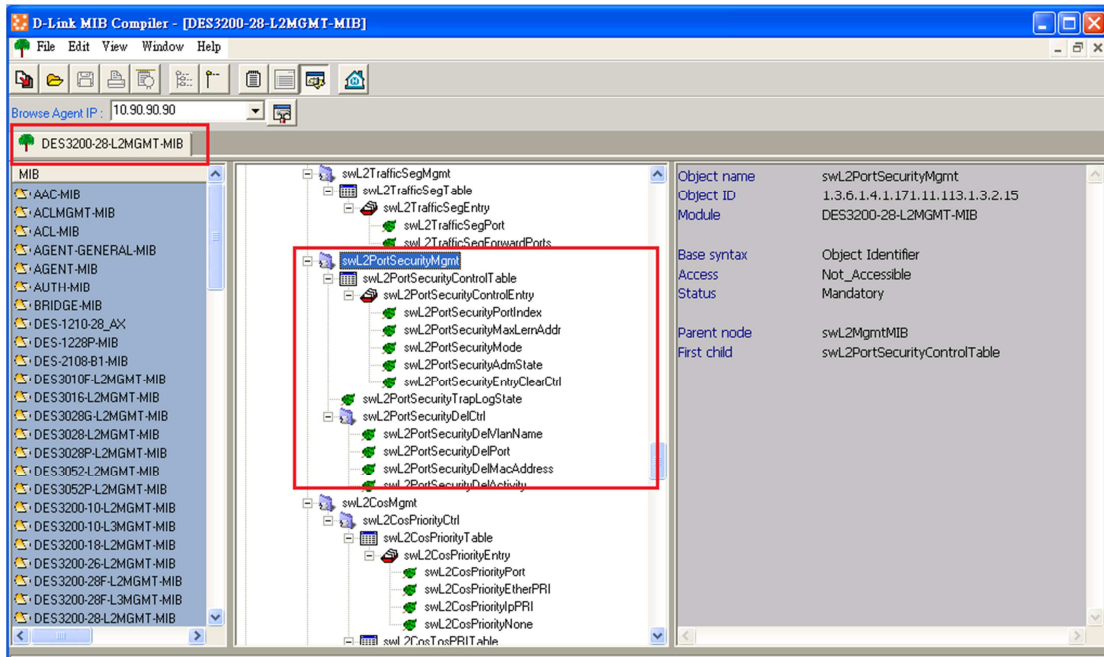


How to configure Port Security via NET-SNMP on DES-3200

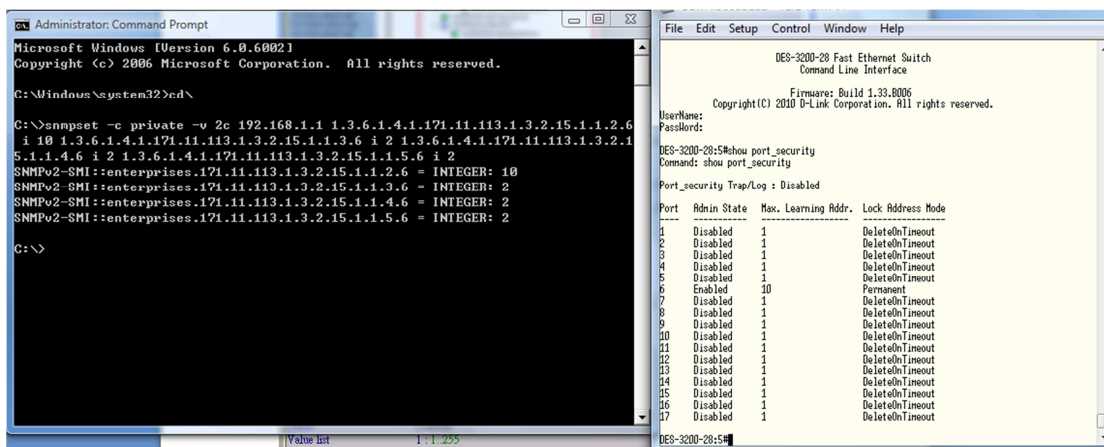


- DES-3200-10: 1.3.6.1.4.1.171.11.113.1.1.2.15
- DES-3200-18: 1.3.6.1.4.1.171.11.113.1.2.2.15
- DES-3200-26: 1.3.6.1.4.1.171.11.113.1.5.2.15
- DES-3200-28: 1.3.6.1.4.1.171.11.113.1.3.2.15
- DES-3200-28F: 1.3.6.1.4.1.171.11.113.1.4.2.15

We use the DES-3200-28 for the following example.

SNMP command

```
#snmpset -c private -v 2c 192.168.1.1 1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.2.6 i 10
1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.3.6 i 2 1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.4.6 i 2
1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.5.6 i 2
```

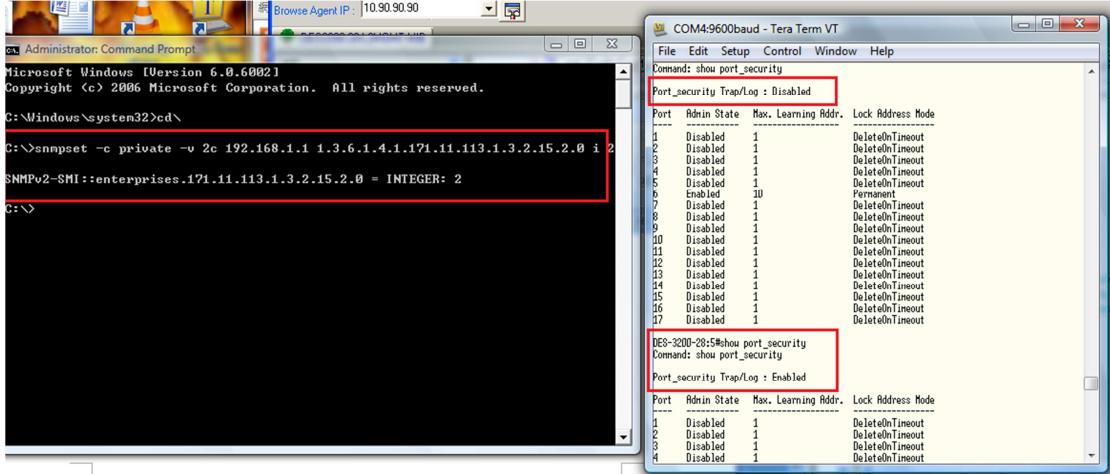


Clear port security entry

```
#snmpset -c private -v 2c 192.168.1.1 1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.5.6 i 2
```

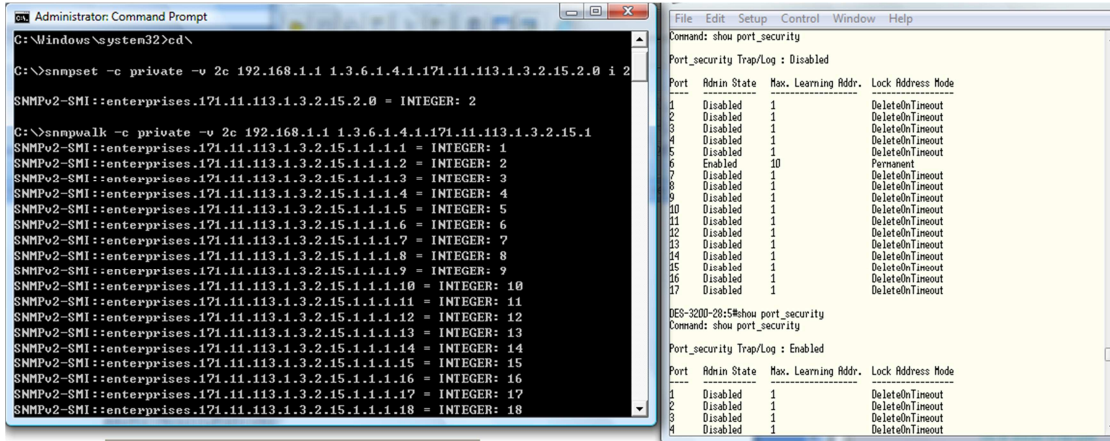
Enable port_security trap_log

```
#snmpset -c private -v 2c 192.168.1.1 1.3.6.1.4.1.171.11.113.1.3.2.15.2.0 i 2
```



Show port security table

```
#snmpwalk -c private -v 2c 192.168.1.1 1.3.6.1.4.1.171.11.113.1.3.2.15.1
```



swL2PortSecurityPortIndex

Object name	swL2PortSecurityPortIndex
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.1
Module	DES3200-28-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 1..255
Parent node	swL2PortSecurityControlEntry
First child	None
Description	Indicates a secured port to lock address learning.

swL2PortSecurityMaxLernAddr

Object name	swL2PortSecurityMaxLernAddr
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.2
Module	DES3200-28-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : 0..64
Parent node	swL2PortSecurityControlEntry
First child	None
Description	Indicates the allowable number of addresses to be learned.

swL2PortSecurityMode

Object name	swL2PortSecurityMode
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.3
Module	DES3200-28-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : other(1) 2 : permanent(2) 3 : deleteOnTimeout(3) 4 : deleteOnReset(4)
Parent node	swL2PortSecurityControlEntry
First child	None
Description	Indicates the mode of locking address. In deleteOnTimeout (3) mode - the locked addresses expires. In this mode, when the locked address is aged out, the number of addresses that can be learned has increased by one. In deleteOnReset (4) mode - never age out the locked addresses. This mode is used to prevent port movement or intrusion.

swL2PortSecurityAdmState

Object name	swL2PortSecurityAdmState
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.4
Module	DES3200-28-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : other(1) 2 : enable(2) 3 : disable(3)
Parent node	swL2PortSecurityControlEntry
First child	None
Description	Indicates an administration state of locking address.

swL2PortSecurityEntryClearCtrl

Object name	swL2PortSecurityEntryClearCtrl
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.1.1.5
Module	DES3200-28-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : other(1) 2 : start(2)
Parent node	swL2PortSecurityControlEntry
First child	None
Description	Used to clear port security entries by port. Setting this value to 'start' will execute the clear action. Once cleared, the value returns to 'other'.

swL2PortSecurityTrapLogState

Object name	swL2PortSecurityTrapLogState
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.2
Module	DES3200-28-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : other(1) 2 : enable(2) 3 : disable(3)
Parent node	swL2PortSecurityMgmt
First child	None
Description	When enabled (2), whenever there's a new MAC the port security configuration, a trap will be sent out and will be logged in the system.

swL2PortSecurityDelVlanName

Object name	swL2PortSecurityDelVlanName
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.3.1
Module	DES3200-28-L2MGMT-MIB
Base syntax	Octet String
Composed syntax	DisplayString
Access	Read-Write
Status	Current
Value list	1 : 0..32
Parent node	swL2PortSecurityDelCtrl
First child	None
Description	Indicates the VLAN name.

swL2PortSecurityDelPort

Object name	swL2PortSecurityDelPort
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.3.2
Module	DES3200-28-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : 0..768
Parent node	swL2PortSecurityDelCtrl
First child	None
Description	Indicates the port. 0 means the function dose not wo

swL2PortSecurityDelMacAddress

Object name	swL2PortSecurityDelMacAddress
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.3.3
Module	DES3200-28-L2MGMT-MIB
Base syntax	Octet String
Composed syntax	MacAddress
Access	Read-Write
Status	Current
Value list	1 : 6..6
Parent node	swL2PortSecurityDelCtrl
First child	None
Description	Specifies the MAC address.

swL2PortSecurityDelActivity

Object name	swL2PortSecurityDelActivity
Object ID	1.3.6.1.4.1.171.11.113.1.3.2.15.3.4
Module	DES3200-28-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : none(1) 2 : start(2)
Parent node	swL2PortSecurityDelCtrl
First child	None
Description	