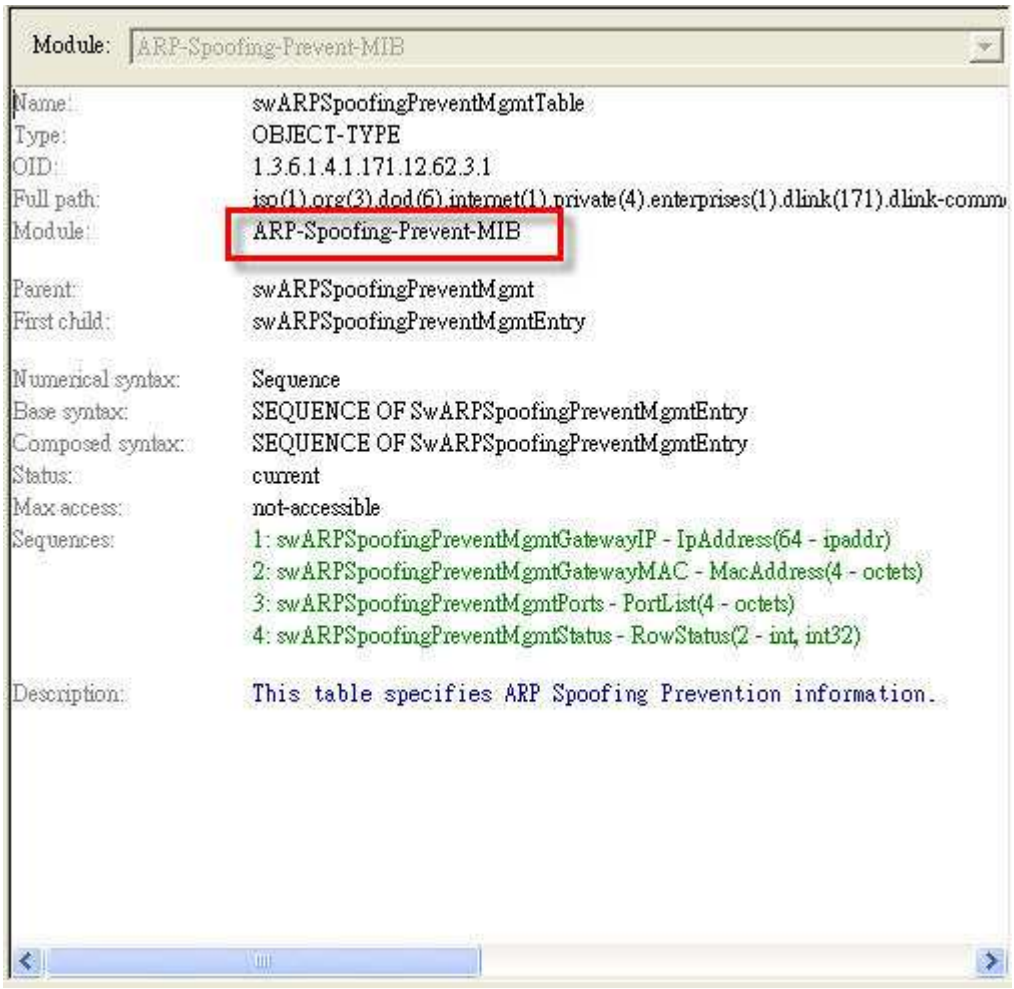
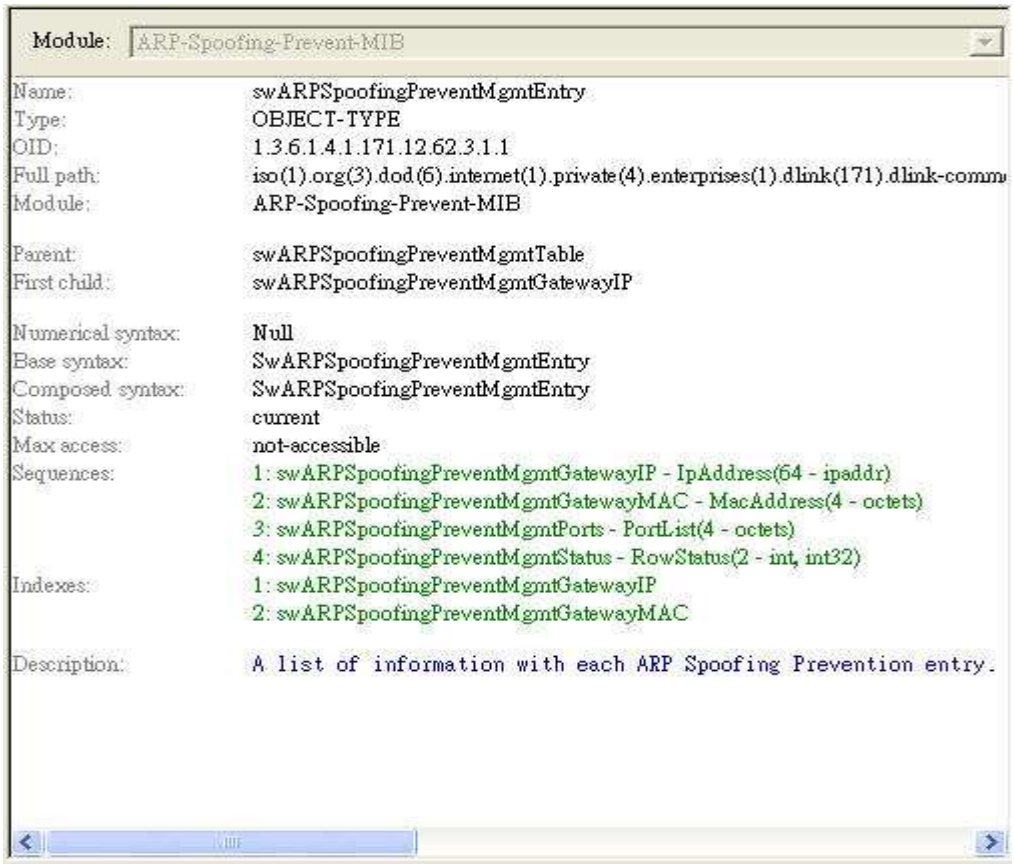
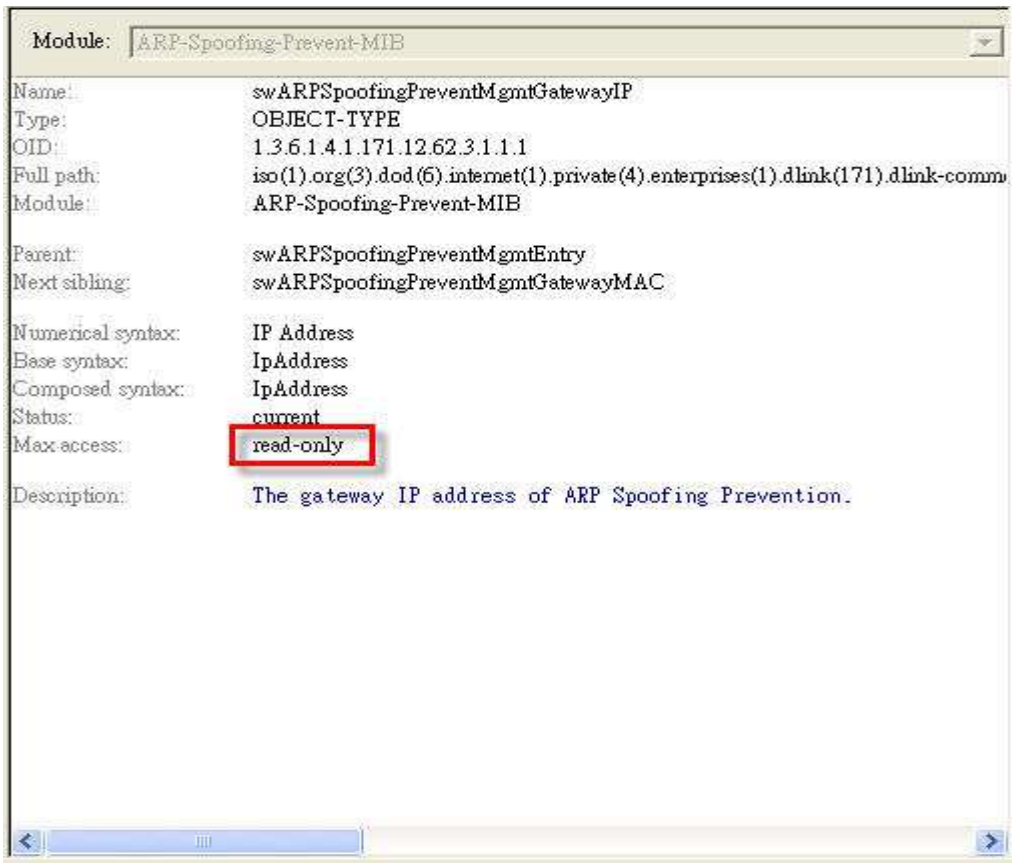
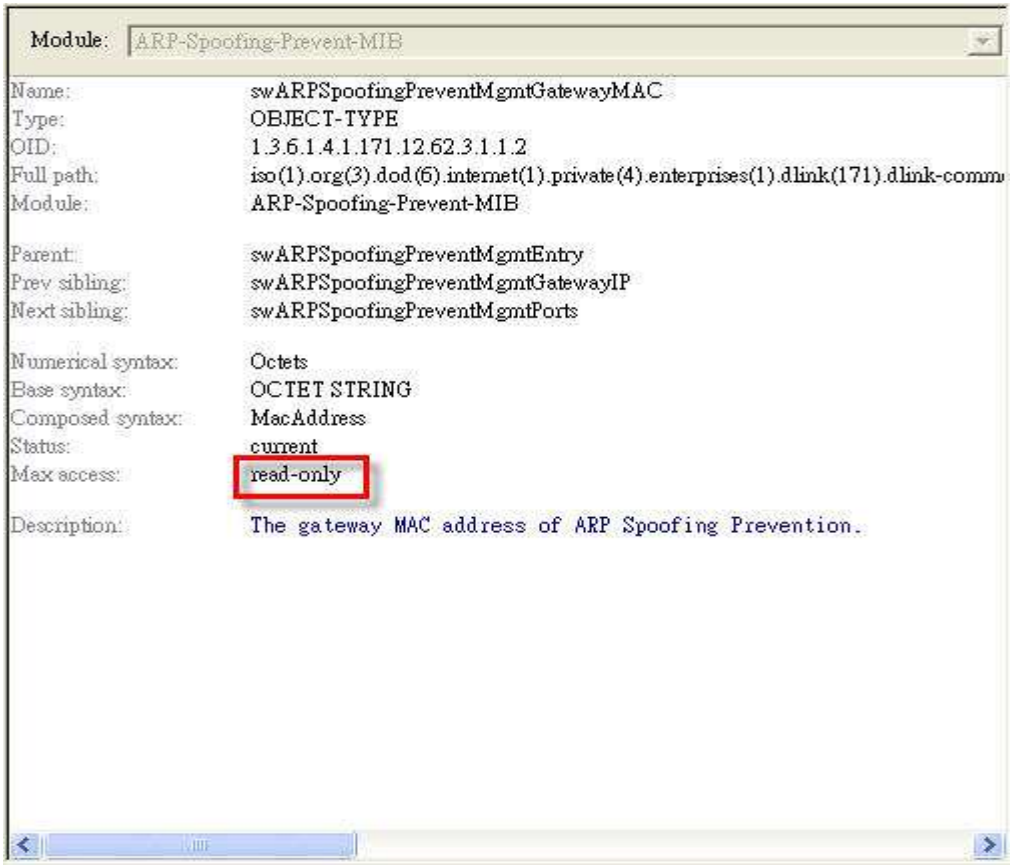
How to use NETSNMP – Configure ARP_Spoofing_Prevention on DES-3526

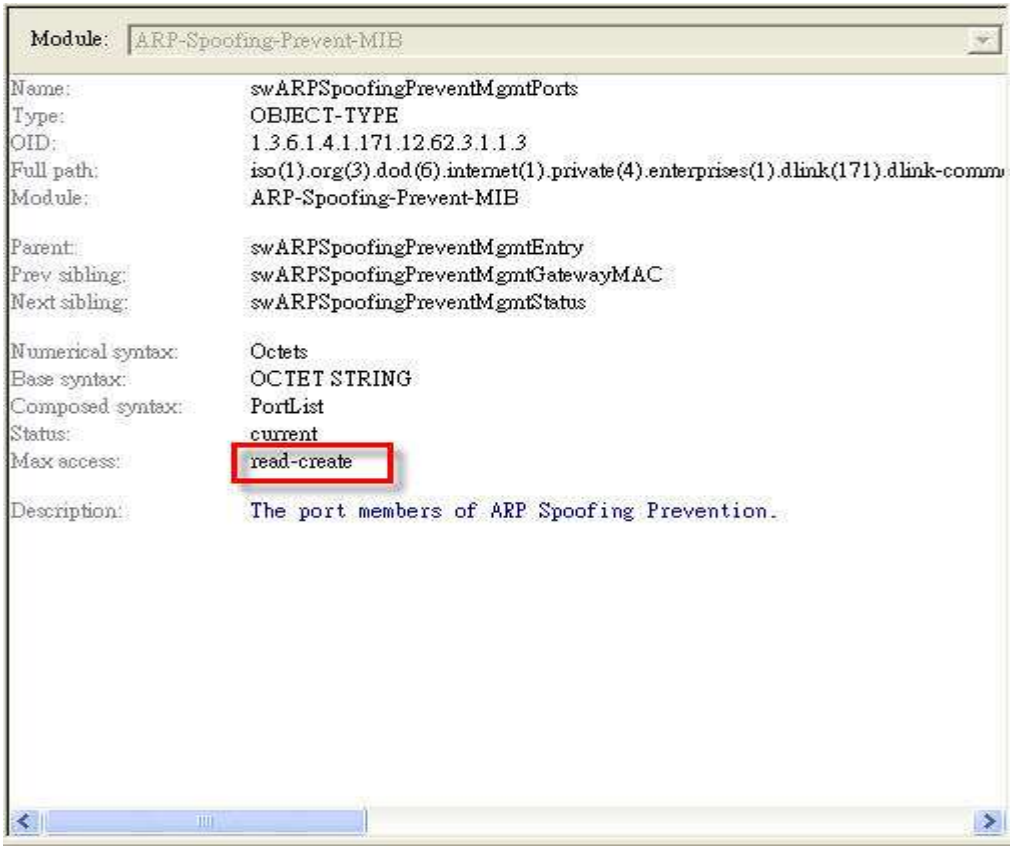
The OIDs for configuring ARP_Spoofing_Prevention on DES-3526 are defined in “ARP-Spoofing-Prevent-MIB”.
Please refer to PMD => DES-3500 Series v5.01.B52_MIB => Private => ARPSpoofingPrevention.mib

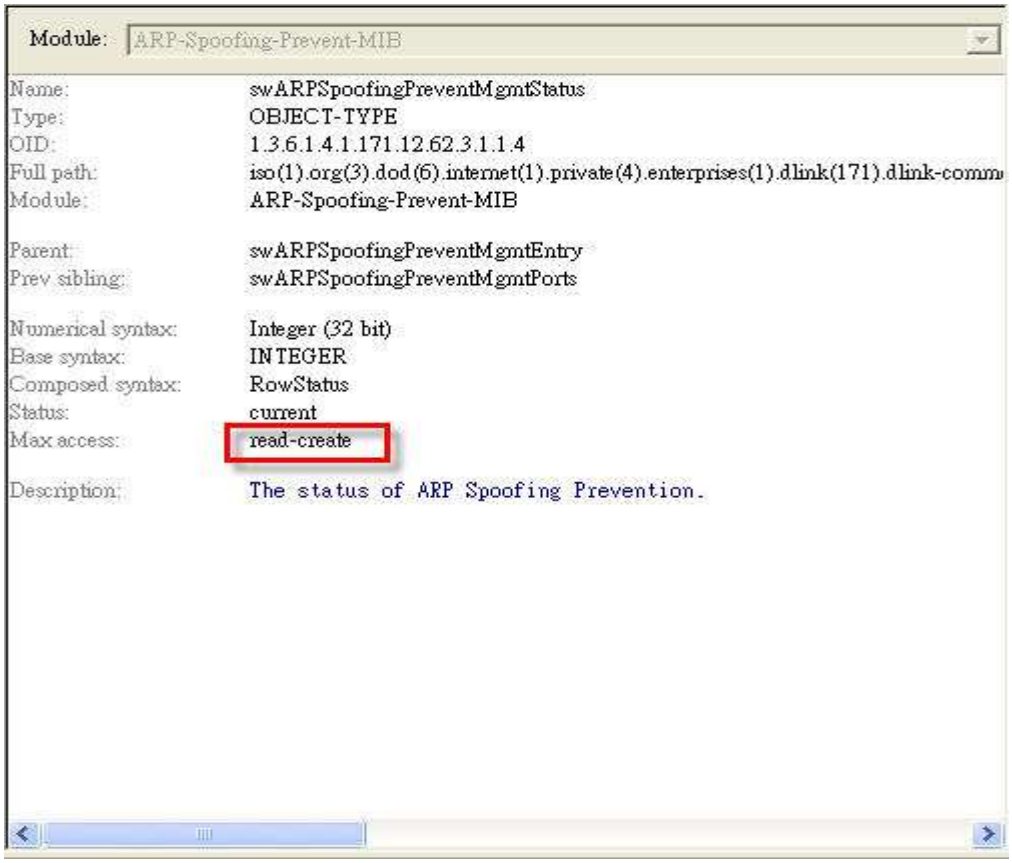



Module: ARP-Spoofing-Prevent-MIB
Name: swARPSpoofingPreventMgmtEntry
Type: OBJECT-TYPE
OID: 1.3.6.1.4.1.171.12.62.3.1.1
Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-comm
Module: ARP-Spoofing-Prevent-MIB
Parent: swARPSpoofingPreventMgmtTable
First child: swARPSpoofingPreventMgmtGatewayIP
Numerical syntax: Null
Base syntax: SwARPSpoofingPreventMgmtEntry
Composed syntax: SwARPSpoofingPreventMgmtEntry
Status: current
Max access: not-accessible
Sequences: 1: swARPSpoofingPreventMgmtGatewayIP - IpAddress(64 - ipaddr)
2: swARPSpoofingPreventMgmtGatewayMAC - MacAddress(4 - octets)
3: swARPSpoofingPreventMgmtPorts - PortList(4 - octets)
4: swARPSpoofingPreventMgmtStatus - RowStatus(2 - int, int32)
Indexes: 1: swARPSpoofingPreventMgmtGatewayIP
2: swARPSpoofingPreventMgmtGatewayMAC
Description: A list of information with each ARP Spoofing Prevention entry.

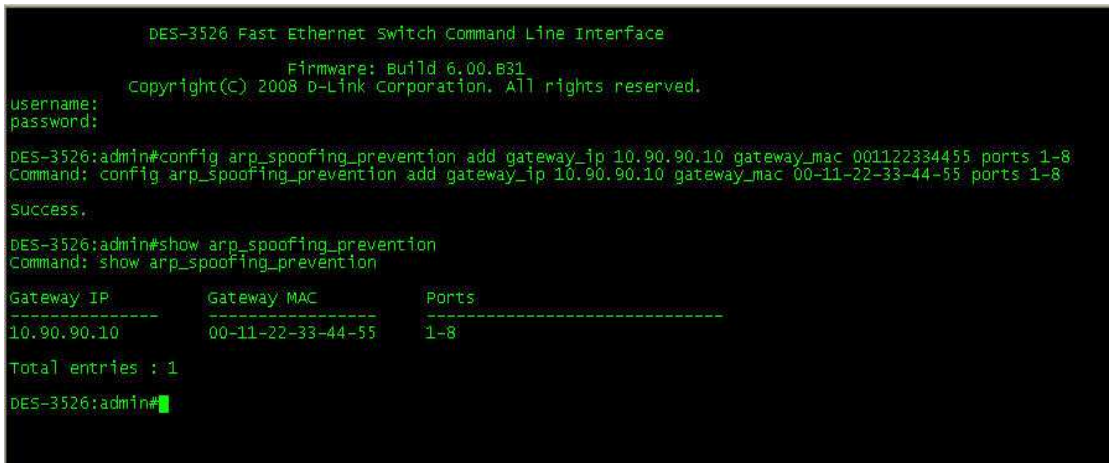

Module: ARP-Spoofing-Prevent-MIB
Name: swARPSpoofingPreventMgmtGatewayIP
Type: OBJECT-TYPE
OID: 1.3.6.1.4.1.171.12.62.3.1.1.1
Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-comm
Module: ARP-Spoofing-Prevent-MIB
Parent: swARPSpoofingPreventMgmtEntry
Next sibling: swARPSpoofingPreventMgmtGatewayMAC
Numerical syntax: IP Address
Base syntax: IpAddress
Composed syntax: IpAddress
Status: current
Max access: read-only
Description: The gateway IP address of ARP Spoofing Prevention.


Module: ARP-Spoofing-Prevent-MIB
Name: swARPSpoofingPreventMgmtGatewayMAC
Type: OBJECT-TYPE
OID: 1.3.6.1.4.1.171.12.62.3.1.1.2
Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-comm
Module: ARP-Spoofing-Prevent-MIB
Parent: swARPSpoofingPreventMgmtEntry
Prev sibling: swARPSpoofingPreventMgmtGatewayIP
Next sibling: swARPSpoofingPreventMgmtPorts
Numerical syntax: Octets
Base syntax: OCTET STRING
Composed syntax: MacAddress
Status: current
Max access: read-only
Description: The gateway MAC address of ARP Spoofing Prevention.

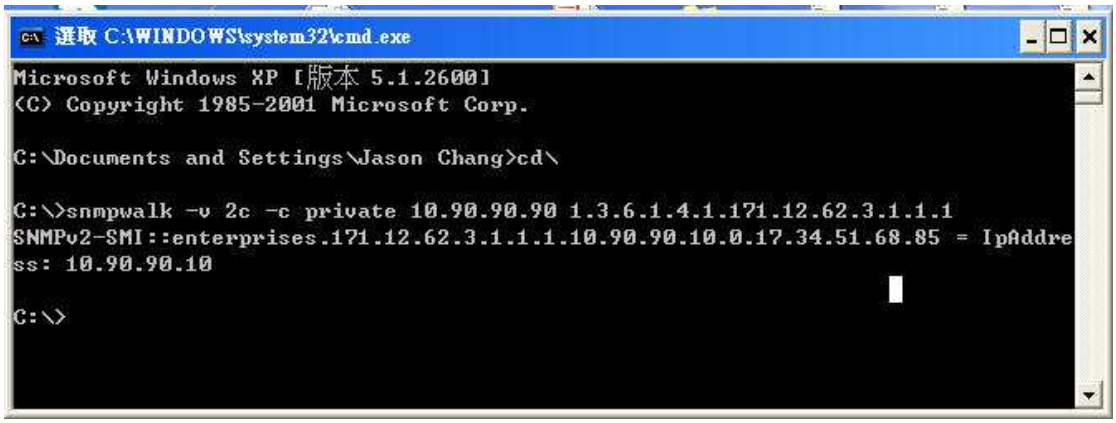

Module: ARP-Spoofing-Prevent-MIB
Name: swARPSpoofingPreventMgmtPorts
Type: OBJECT-TYPE
OID: 1.3.6.1.4.1.171.12.62.3.1.1.3
Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-comm
Module: ARP-Spoofing-Prevent-MIB
Parent: swARPSpoofingPreventMgmtEntry
Prev sibling: swARPSpoofingPreventMgmtGatewayMAC
Next sibling: swARPSpoofingPreventMgmtStatus
Numerical syntax: Octets
Base syntax: OCTET STRING
Composed syntax: PortList
Status: current
Max access: read-create
Description: The port members of ARP Spoofing Prevention.



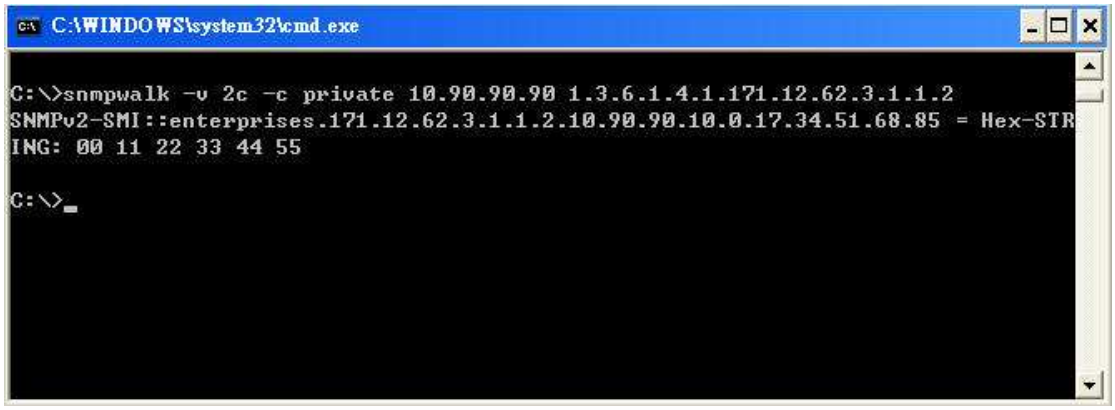
Setup via CLI in advance since GatewayIP 10.90.90.10 & GatewayMAC 00-11-22-33-44-55 are “read-only”



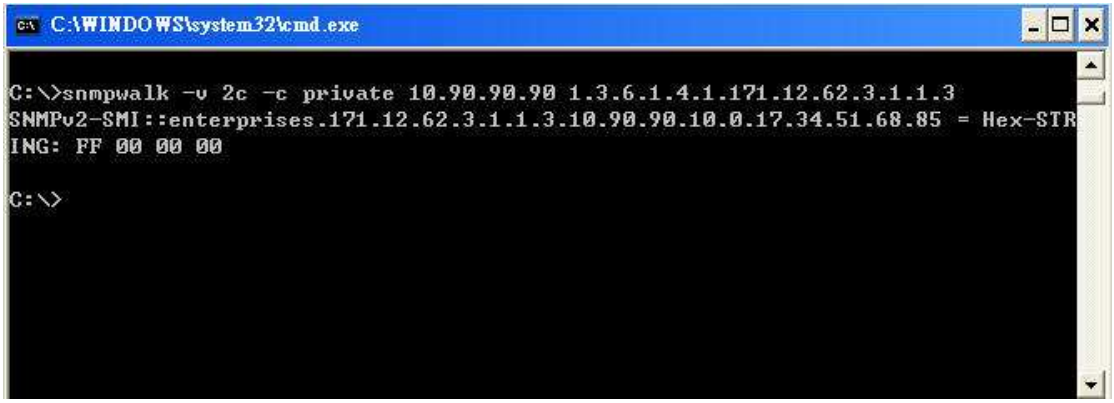
swARPSpoofingPreventMgmtGatewayIP



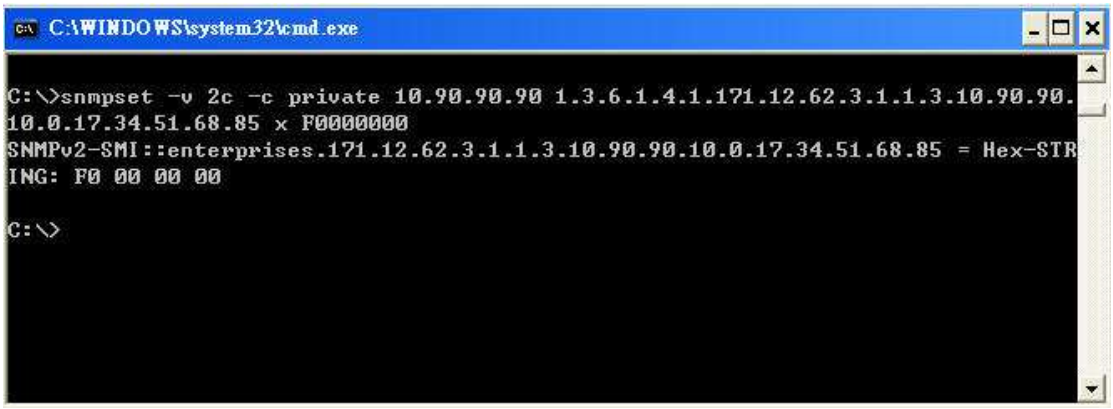
swARPSpoofingPreventMgmtGatewayMAC

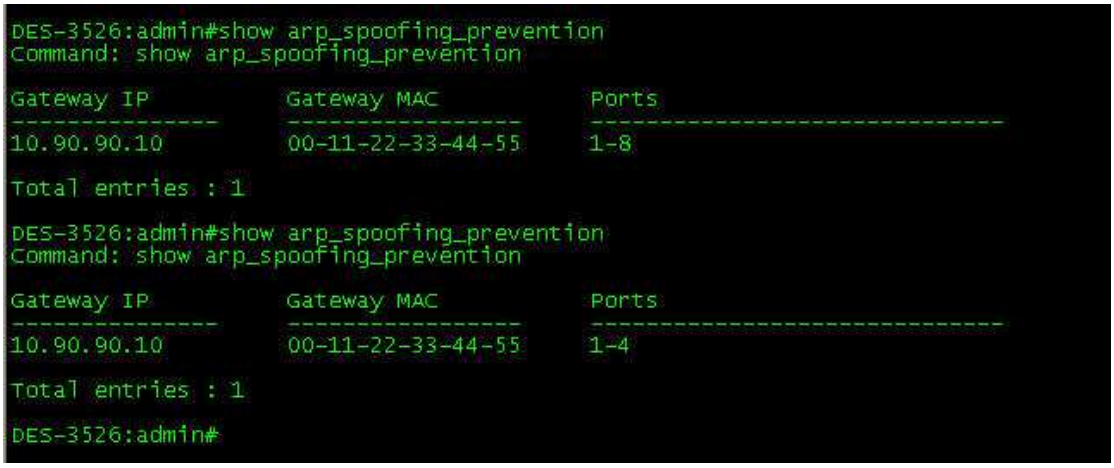
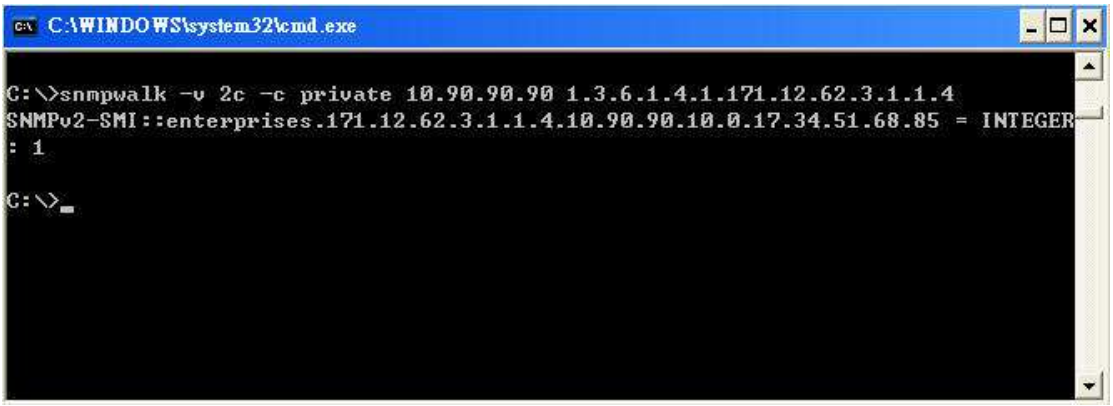


swARPSpoofingPreventMgmtPorts



Change port range from port 1-8 to port 1-4





swARPSpoofingPreventMgmtStatus