

How to use Traffic Control SNMP Trap on DES-3010G

SNMP trap example

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Frame 1 (138 bytes on wire, 138 bytes captured)
Ethernet II, Src: D-Link_ed:3e:9a (00:13:46:ed:3e:9a), Dst: Dell_d8:e3:e0 (00:18:8b:d8:e3:e0)
Internet Protocol, Src: 192.168.1.24 (192.168.1.24), Dst: 192.168.1.111 (192.168.1.111)
User Datagram Protocol, Src Port: snmp (161), Dst Port: snmptrap (162)
Simple Network Management Protocol
  version: v2c (1)
  community: private
  data: SNMPV2-Trap (7)
    SNMPV2-Trap
      request-id: 56
      error-status: noError (0)
      error-index: 0
      variable-bindings: 3 items
        SNMPV2-MIB::sysUpTime.0 (1.3.6.1.2.1.1.3.0): 275818
          Object Name: 1.3.6.1.2.1.1.3.0 (SNMPV2-MIB::sysUpTime.0)
          SNMPV2-MIB::sysUpTime: 275818
        SNMPV2-MIB::snmpTrapOID.0 (1.3.6.1.6.3.1.1.4.1.0): 1.3.6.1.4.1.171.12.25.5.0.2 (SNMPV2-SMI::private.171.12.25.5.0.2)
          Object Name: 1.3.6.1.6.3.1.1.4.1.0 (SNMPV2-MIB::snmpTrapOID.0)
          SNMPV2-MIB::snmpTrapOID: 1.3.6.1.4.1.171.12.25.5.0.2 (SNMPV2-SMI::private.171.12.25.5.0.2)
        SNMPV2-SMI::private.171.15.25.3.1.1.1 (1.3.6.1.4.1.171.15.25.3.1.1.1): 8
          Object Name: 1.3.6.1.4.1.171.15.25.3.1.1.1 (SNMPV2-SMI::private.171.15.25.3.1.1.1)
          Value (Integer32): 8
          [Expert Info (Note/Undecoded): Unresolved value, Missing MIB]
  
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The Location of IP MAC Port Binding OID

PKT-STORM-CTRL-MIB	
Object name	swPktStormOccurred
Object ID	1.3.6.1.4.1.171.12.25.5.0.1
Module	PKT-STORM-CTRL-MIB
Base syntax	Notification Type
Parent node	swPktStormNotifyPrefix
Objects:	1. swPktStormCtrlPortIndex
Description	The trap is sent when packet storm is detected by packet storm mechanism and take shutdown as action.

PKT-STORM-CTRL-MIB	
Object name	swPktStormCleared
Object ID	1.3.6.1.4.1.171.12.25.5.0.2
Module	PKT-STORM-CTRL-MIB
Base syntax	Notification Type
Parent node	swPktStormNotifyPrefix
Objects:	1. swPktStormCtrlPortIndex
Description	The trap is sent when the packet storm is cleared by packet storm mechanism.

Object name	swPktStormCtrlPortIndex
Object ID	1.3.6.1.4.1.171.12.25.3.1.1.1
Module	PKT-STORM-CTRL-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : 0..65535
Parent node	swPktStormCtrlEntry
First child	None
Description	This object indicates the device's port number. (1..Max port number in the device).Used to specify a range of ports to be configured.