

# How to change bootup image via NETSNMP in DES-3528?

[Test F/W version]

R2.63.B026 & R2.60.032

[Supported MIB]

“AGENT-GENERAL-MIB” (Genmgmt.mib).

## #swMultiImageCtrlTable

Object name	swMultiImageCtrlTable
Object ID	1.3.6.1.4.1.171.12.1.2.13
Module	AGENT-GENERAL-MIB
Base syntax	Sequence Of swMultiImageCtrlEntry
Access	Not_Accessible
Status	Current
Sequence	1:swMultiImageCtrlID - Integer 2:swMultiImageCtrlAction - Integer
Parent node	agentBasicConfig
First child	swMultiImageCtrlEntry
Description	

## #swMultiImageCtrlEntry

Object name	swMultiImageCtrlEntry
Object ID	1.3.6.1.4.1.171.12.1.2.13.1
Module	AGENT-GENERAL-MIB
Base syntax	Sequence
Access	Not_Accessible
Status	Current
Index	1:swMultiImageCtrlID
Parent node	swMultiImageCtrlTable
First child	swMultiImageCtrlID
Description	A list of information about multiple image management.

## #swMultiImageCtrlID

Object name	swMultiImageCtrlID
Object ID	1.3.6.1.4.1.171.12.1.2.13.1.1
Module	AGENT-GENERAL-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Parent node	swMultiImageCtrlEntry
First child	None
Description	The stacking section ID of the firmware image. The stacking section ID = 256 * Unit ID + Image File ID.

### Note :

The stacking section ID of the firmware image.

The stacking section ID = 256 \* Unit ID + Image File ID

## #swMultiImageCtrlAction

Object name	swMultiImageCtrlAction
Object ID	1.3.6.1.4.1.171.12.1.2.13.1.2
Module	AGENT-GENERAL-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : config-as-bootup-fw(1) 2 : delete(2) 3 : none(3)
Parent node	swMultiImageCtrlEntry
First child	None
Description	This object indicates the running status of the image which is specified by the swMultiImageCtrlID and swMultiImageCtrlUnitID.  config-as-bootup-fw (1) - configured as bootup firmware by indicated firmware ID. delete (2) - delete the firmware by indicated firmware ID. none (3) - no action.

## [Test Example]

### Step1. Check current bootp image.

=> `snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.1.2.13.1.1`

```
DES-3528 Fast Ethernet Switch
Command Line Interface

Firmware: Build 2.63.B026
Copyright(C) 2010 D-Link Corporation. All rights reserved.
UserName:
Password:

DES-3528:admin#show firmware information
Command: show firmware information

Image ID   : 1(Boot up firmware)
Version    : 2.63.B026
Size       : 4645692 Bytes
Update Time: 2001/02/04 05:26:58
From       : 10.90.90.80
User       : Guest(Console)

Image ID   : 2
Version    : 2.60.032
Size       : 4672124 Bytes
Update Time: 2001/02/15 18:27:07
From       : 10.90.90.100
User       : Guest(Console)

C:\WINDOWS\system32\cmd.exe

C:\>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.1.2.13.1.1
SNMPv2-SMI::enterprises.171.12.1.2.13.1.1.257 = INTEGER: 257
SNMPv2-SMI::enterprises.171.12.1.2.13.1.1.258 = INTEGER: 258

C:\>
```

### Step2. Change bootup image.

=> `snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.1.2.13.1.2.258 i 1`

```
C:\WINDOWS\system32\cmd.exe

C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.1.2.13.1.2.258 i 1
SNMPv2-SMI::enterprises.171.12.1.2.13.1.2.258 = INTEGER: 1

C:\>
```

```
DES-3528:admin#
DES-3528:admin#show firmware information
Command: show firmware information

Image ID   : 1
Version    : 2.63.B026
Size       : 4645692 Bytes
Update Time: 2001/02/04 05:26:58
From       : 10.90.90.80
User       : Guest(Console)

Image ID   : 2(Boot up firmware)
Version    : 2.60.032
Size       : 4672124 Bytes
Update Time: 2001/02/15 18:27:07
From       : 10.90.90.100
User       : Guest(Console)

DES-3528:admin#
```