

# How to use SNMP to configure iproute on DES-3200/C1

## Example made on DES-3200-28

### [CLI commands]

```
create iproute default 10.90.90.1
```

### [SNMP commands]

```
snmpset -v2c -c private 10.90.90.90
```

```
1.3.6.1.4.1.171.11.113.5.1.3.2.5.1.6.0.0.0.0.0.0.0.0.0.0.10.90.90.1 i 3
```

### \* Explanation:

**0.0.0.0.0.0.0.0 = 0.0.0.0/0**

**10.90.90.1 = the default gateway address**

**i 3 = action valid(3)**

### [OID for each model]

Model name	swL3IpStaticRouteTable OID
DES-3200-10	1.3.6.1.4.1.171.11.113.2.1.3.2.5
DES-3200-10DC	1.3.6.1.4.1.171.11.113.11.1.3.2.5
DES-3200-18	1.3.6.1.4.1.171.11.113.3.1.3.2.5
DES-3200-26	1.3.6.1.4.1.171.11.113.4.1.3.2.5
DES-3200-26DC	1.3.6.1.4.1.171.11.113.12.1.3.2.5
DES-3200-28	1.3.6.1.4.1.171.11.113.5.1.3.2.5
DES-3200-28F	1.3.6.1.4.1.171.11.113.6.1.3.2.5
DES-3200-28ME	1.3.6.1.4.1.171.11.113.7.1.3.2.5
DES-3200-28P	1.3.6.1.4.1.171.11.113.8.1.3.2.5
DES-3200-52	1.3.6.1.4.1.171.11.113.9.1.3.2.5
DES-3200-52P	1.3.6.1.4.1.171.11.113.10.1.3.2.5

### [OID Description]

Name:	swL3IpStaticRouteNextHop
Type:	OBJECT-TYPE
OID:	1.3.6.1.4.1.171.11.113.5.1.3.2.5.1.4
Full path:	iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-mgmt(11).des3200SeriesProd(113).des3200-28
Module:	DES3200-28-L3MGMT-MIB
Parent:	swL3IpStaticRouteEntry
Prev sibling:	swL3IpStaticRouteBkupState
Next sibling:	swL3IpStaticRouteMetric
Numerical syntax:	IP Address
Base syntax:	IpAddress
Composed syntax:	IpAddress
Status:	current
Max access:	read-only
Description:	Specifies the IP address for the next hop router. An IP address of 255.255.255.255 denotes a Null interface as the next hop.

Name: swL3IpStaticRouteMetric  
Type: OBJECT-TYPE  
OID: 1.3.6.1.4.1.171.11.113.5.1.3.2.5.1.5  
Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-mgmt(11).des3200SeriesProd(113).des3200-28(5).DES3200-28-L3MGMT-MIB  
Module: DES3200-28-L3MGMT-MIB  
Parent: swL3IpStaticRouteEntry  
Prev sibling: swL3IpStaticRouteNextHop  
Next sibling: swL3IpStaticRouteStatus  
Numerical syntax: Integer (32 bit)  
Base syntax: INTEGER  
Composed syntax: INTEGER  
Status: current  
Max access: read-create  
Size list: 1:1.65535  
Description: Specifies the routing metric for this route.

Name: swL3IpStaticRouteStatus  
Type: OBJECT-TYPE  
OID: 1.3.6.1.4.1.171.11.113.5.1.3.2.5.1.6  
Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-mgmt(11).des3200SeriesProd(113).des3200-28(5).DES3200-28-L3MGMT-MIB  
Module: DES3200-28-L3MGMT-MIB  
Parent: swL3IpStaticRouteEntry  
Prev sibling: swL3IpStaticRouteMetric  
Next sibling: swL3IpStaticRouteWeight  
Numerical syntax: Integer (32 bit)  
Base syntax: INTEGER  
Composed syntax: INTEGER  
Status: current  
Max access: read-create  
Value list: 1: other(1)  
2: invalid(2)  
3: valid(3)  
4: active(4)  
5: inActive(5)  
Description: This object indicates the status of this entry.  
  
other(1) - this entry is currently in use but the conditions under which it will remain so are different from each of the following values.  
invalid(2) - writing this value to the object, and then the corresponding entry will be removed from the table.  
valid(3) - this entry resides in the table.  
active(4) - the nextHop of this entry exists in the ARP table.  
inActive(5) - the next hop of this entry does not exist in the ARP table.