How to configure DHCP Relay via SNMP on DES-3828

MIB: L3mgmtDes3828.mib

OIDs:

1.3.6.1.4.1.171.11.69.1.3.3.1.1

```
swL3RelayMgmt                              Object name      swL3RelayBootpState
 swL3RelayBootpMgmt                        Object ID        1.3.6.1.4.1.171.11.69.1.3.3.1.1
   swL3RelayBootpState                     Module           DES3828-SWL3MGMT-MIB
   swL3RelayBootpHopCount
   swL3RelayBootpTimeThreshold             Base syntax      Integer
   swL3RelayBootpOption82State             Composed syntax  INTEGER
   swL3RelayBootpOption82Check             Access           Read-Write
   swL3RelayBootpOption82Policy            Status           Current
   swL3RelayBootpCtrlTable                 Value list       1 : other(1)
     swL3RelayBootpCtrlEntry                                2 : disabled(2)
       swL3RelayBootpCtrlInterfa                            3 : enabled(3)
       swL3RelayBootpCtrlServe
       swL3RelayBootpCtrlState             Parent node      swL3RelayBootpMgmt
 swL3RelayDnsMgmt                          First child      None
   swL3RelayDnsState                       Description      This object indicates if the BOOTP Relay function is enabled
                                                            or disabled.
```

1.3.6.1.4.1.171.11.69.1.3.3.1.7.1.3

```
   swL3RelayBootpCtrlEntry                 Object name      swL3RelayBootpCtrlState
       swL3RelayBootpCtrlInterfaceN        Object ID        1.3.6.1.4.1.171.11.69.1.3.3.1.7.1.3
       swL3RelayBootpCtrlServer            Module           DES3828-SWL3MGMT-MIB
       swL3RelayBootpCtrlState
 swL3RelayDnsMgmt                          Base syntax      Integer
   swL3RelayDnsState                       Composed syntax  INTEGER
   swL3RelayDnsPrimaryServer               Access           Read-Write
   swL3RelayDnsSecondaryServer             Status           Current
   swL3RelayDnsCacheState                  Value list       1 : other(1)
   swL3RelayDnsStaticTableState                             2 : invalid(2)
   swL3RelayDnsCtrlTable                                    3 : valid(3)
     swL3RelayDnsCtrlEntry
       swL3RelayDnsCtrlDomainNam           Parent node      swL3RelayBootpCtrlEntry
       swL3RelayDnsCtrlIpAddr              First child      None
       swL3RelayDnsCtrlState               Description      This object indicates the status of this entry.
 Md5Table
 swL3Md5Entry                                               other (1) - This entry is currently in use but the conditions
   swL3Md5KeyId                                             under which it will remain so are different from each of
   swL3Md5Key                                               the following values.
   swL3Md5RowStatus                                         invalid (2) ¡V If this value is written to the object, the
 RouteRedistriTable                                         corresponding entry will be removed from the table.
                                                            valid (3) - This entry will reside in the table.
```

Examples:

enable dhcp_relay

snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.69.1.3.3.1.1.0 i 3

config dhcp_relay add ipif System 192.168.1.1

snmpset -v2c -c private 10.90.90.90
1.3.6.1.4.1.171.11.69.1.3.3.1.7.1.3.6.83.121.115.116.101.109.192.168.1.1 i 3

Explanation:

83.121.115.116.101.109: System (Interface Name)

S ➜ hex 53 ➜ 83 (Decimal)

y ➜ hex 79 ➜ 121 (Decimal)

s ➜ hex 73 ➜ 115 (Decimal)

t ➜ hex 74 ➜ 116 (Decimal)

e ➜ hex 65 ➜ 101 (Decimal)

m ➜ hex 6D ➜ 109 (Decimal)