

How to use Net-SNMP to configure the following traps on DMC-1002?

SNMPPowerFail

SNMPFanFail

SNMPMCLinkDown

SNMPMCLinkUP

SNMPMCLinkBroken

SNMPMCMediaOneStatus

Required MIB: DLNK-MCB-MIB

SNMPPowerFail

OID: 1.3.6.1.4.1.171.41.1.1.1

The screenshot shows the Net-SNMP MIB browser interface. The left pane displays a list of MIBs, and the middle pane shows a tree view of the MIB structure. The right pane displays the details for the selected object, mcbSNMPTrapPowerFail.

Object name	mcbSNMPTrapPowerFail
Object ID	1.3.6.1.4.1.171.41.1.1.1
Module	DLINK-MCB-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Mandatory
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	mcbSNMPMIB
First child	None
Description	Power Fail Trap

```
snmpset -v 2c -c private 192.168.1.1 1.3.6.1.4.1.171.41.1.1.0 i 1
```

SNMPFanFail

OID: 1.3.6.1.4.1.171.41.1.1.2

The screenshot shows the Net-SNMP MIB browser interface. The left pane displays a list of MIBs, and the middle pane shows a tree view of the MIB structure. The right pane displays the details for the selected object, mcbSNMPTrapFanFail.

Object name	mcbSNMPTrapFanFail
Object ID	1.3.6.1.4.1.171.41.1.1.2
Module	DLINK-MCB-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Mandatory
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	mcbSNMPMIB
First child	None
Description	Fan Fail Trap

```
snmpset -v 2c -c private 192.168.1.1 1.3.6.1.4.1.171.41.1.1.2.0 i 1
```

SNMPMCLinkDown

OID: 1.3.6.1.4.171.41.1.1.5

The screenshot shows the DLINK-MCB-MIB browser interface. The MIB Tree on the left shows the hierarchy: iso > company > mcbMediaConverterFamily > mcbMediaConverterChassis > mcbSNMPMIB > mcbSNMPTrapMCLinkDown. The right pane displays the following details for the selected object:

Object name	mcbSNMPTrapMCLinkDown
Object ID	1.3.6.1.4.1.171.41.1.1.5
Module	DLINK-MCB-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Mandatory
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	mcbSNMPMIB
First child	None
Description	Media Converter Link Down Trap

```
snmpset -v 2c -c private 192.168.1.1 1.3.6.1.4.1.171.41.1.1.5.0 i 1
```

SNMPMCLinkUP

OID: 1.3.6.1.4.171.41.1.1.6

The screenshot shows the DLINK-MCB-MIB browser interface. The MIB Tree on the left shows the hierarchy: iso > company > mcbMediaConverterFamily > mcbMediaConverterChassis > mcbSNMPMIB > mcbSNMPTrapMCLinkUp. The right pane displays the following details for the selected object:

Object name	mcbSNMPTrapMCLinkUp
Object ID	1.3.6.1.4.1.171.41.1.1.6
Module	DLINK-MCB-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Mandatory
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	mcbSNMPMIB
First child	None
Description	Media Converter Link Up Trap

```
snmpset -v 2c -c private 192.168.1.1 1.3.6.1.4.1.171.41.1.1.6.0 i 1
```

SNMPMCLinkBroken

OID: 1.3.6.1.4.171.41.1.1.7

The screenshot shows the DLINK-MCB-MIB browser interface. The MIB Tree on the left shows the hierarchy: iso > company > mcbMediaConverterFamily > mcbMediaConverterChassis > mcbSNMPMIB > mcbSNMPTrapMCLinkBroken. The right pane displays the following details for the selected object:

Object name	mcbSNMPTrapMCLinkBroken
Object ID	1.3.6.1.4.1.171.41.1.1.7
Module	DLINK-MCB-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Mandatory
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	mcbSNMPMIB
First child	None
Description	Media Converter Link Broken Trap

```
snmpset -v 2c -c private 192.168.1.1 1.3.6.1.4.1.171.41.1.1.7.0 i 1
```

MCMediaOneLinkStatus

OID: 1.3.6.1.4.1.171.41.1.4.2..1.6

Property	Value
Object name	mcbMCMediaOneLinkStatus
Object ID	1.3.6.1.4.1.171.41.1.4.2.1.6
Module	DLINK-MCB-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Mandatory
Value list	1 : online(1) 2 : offline(2) 3 : unsupported(3)
Parent node	mcbMCSlotEntry
First child	None
Description	Media One Link Status

snmpwalk -v 2c -c private 192.168.1.1 1.3.6.1.4.1.171.41.1.4.2.1.6