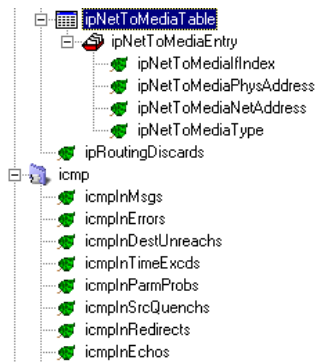


How to show ARP table on DGS-3200-10 via Net-SNMP

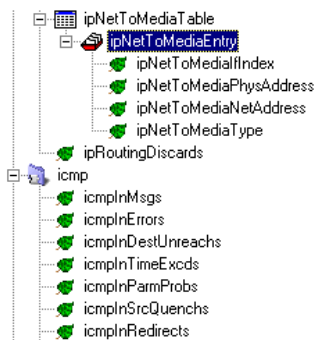
Example

```
# snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.2.1.4.22.1.2
```

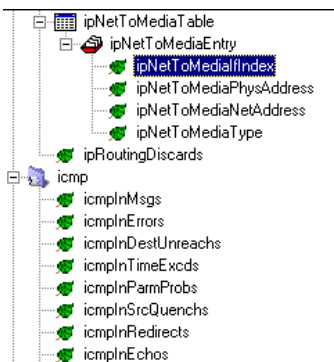
Relative OID description.



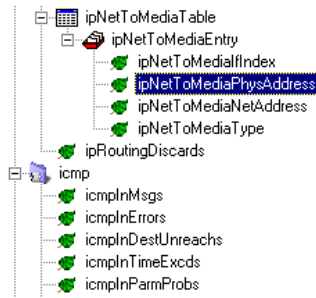
Object name	ipNetToMediaTable
Object ID	1.3.6.1.2.1.4.22
Module	RFC1213-MIB
Base syntax	Sequence Of ipNetToMediaEntry
Access	Not_Accessible
Status	Mandatory
Sequence	1:ipNetToMediaIfIndex - Integer 2:ipNetToMediaPhysAddress - Octet String 3:ipNetToMediaNetAddress - IP Address 4:ipNetToMediaType - Integer
Parent node	ip
First child	ipNetToMediaEntry
Description	The IP Address Translation table used for mapping from IP addresses to physical addresses.



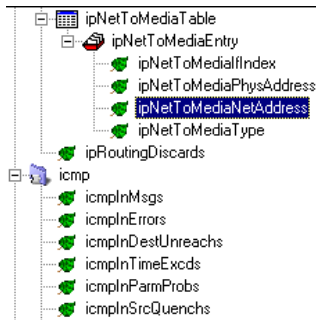
Object name	ipNetToMediaEntry
Object ID	1.3.6.1.2.1.4.22.1
Module	RFC1213-MIB
Base syntax	Sequence
Access	Not_Accessible
Status	Mandatory
Index	1:ipNetToMediaIfIndex 2:ipNetToMediaNetAddress
Parent node	ipNetToMediaTable
First child	ipNetToMediaIfIndex
Description	Each entry contains one IpAddress to 'physical' address equivalence.



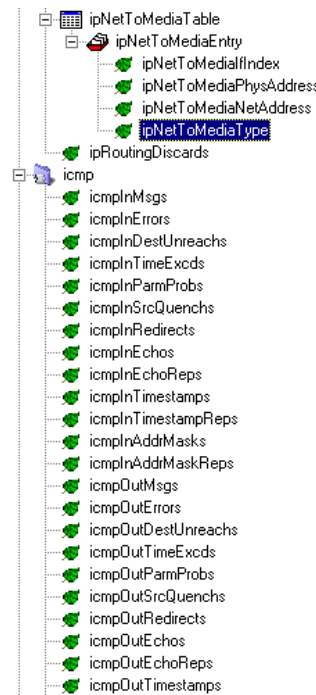
Object name	ipNetToMediaIfIndex
Object ID	1.3.6.1.2.1.4.22.1.1
Module	RFC1213-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Mandatory
Parent node	ipNetToMediaEntry
First child	None
Description	The interface on which this entry's equivalence is effective. The interface identified by a particular value of this index is the same interface as identified by the same value of ifIndex.



Object name	ipNetToMediaPhysAddress
Object ID	1.3.6.1.2.1.4.22.1.2
Module	RFC1213-MIB
Base syntax	OctetString
Composed syntax	PhysAddress
Access	Read-Write
Status	Mandatory
Parent node	ipNetToMediaEntry
First child	None
Description	The media-dependent 'physical' address.



Object name	ipNetToMediaNetAddress
Object ID	1.3.6.1.2.1.4.22.1.3
Module	RFC1213-MIB
Base syntax	IP Address
Composed syntax	IpAddress
Access	Read-Write
Status	Mandatory
Parent node	ipNetToMediaEntry
First child	None
Description	The IpAddress corresponding to the media-dependent 'physical' address.



Object name	ipNetToMediaType
Object ID	1.3.6.1.2.1.4.22.1.4
Module	RFC1213-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Mandatory
Value list	1 : other(1) 2 : invalid(2) 3 : dynamic(3) 4 : static(4)
Parent node	ipNetToMediaEntry
First child	None
Description	The type of mapping. Setting this object to the value invalid(2) has the effect of invalidating the corresponding entry in the ipNetToMediaTable. That is, it effectively disassociates the interface identified with said entry from the mapping identified with said entry. It is an implementation-specific matter as to whether the agent removes an invalidated entry from the table. Accordingly, management stations must be prepared to receive tabular information from agents that corresponds to entries not currently in use. Proper interpretation of such entries requires examination of the relevant ipNetToMediaType object.