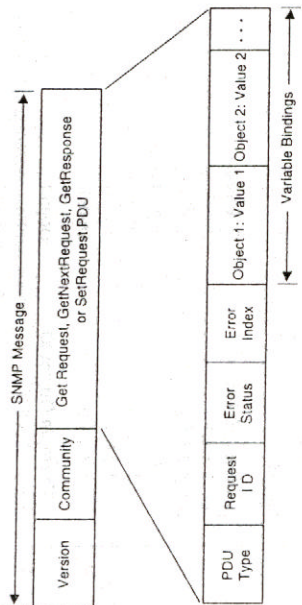
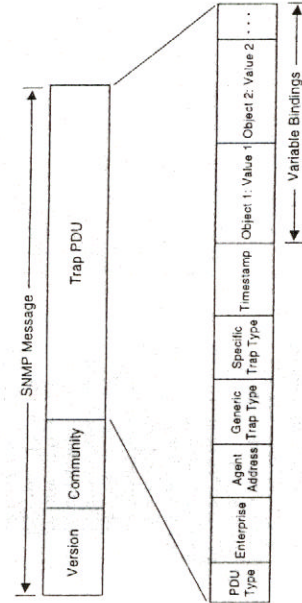


SNMPv1 Message Formats



SNMPv1 Protocol Reference Guide

Request For Comments Documents

Field	Description
Version:	Protocol version.
Community:	Community name.
PDU Type:	Specifies the PDU being transmitted: 0 = GetRequest 1 = GetNextRequest 2 = GetResponse 3 = SetRequest 4 = Trap
Request ID:	Used to correlate the Request and Response.
Error Status:	Exception condition for the request. Values are: 0 = noError 1 = tooBig 2 = noSuchName 3 = badValue 4 = readOnly 5 = genErr
Error Index:	Pointer to Variable Binding that caused the error.
Variable Bindings:	Pairing of object name and value.
Version:	Protocol version.
Community:	Community name.
PDU Type:	Type = 4 is used for the Trap.
Enterprise:	SNMP sysObject ID.
Agent Address:	IP address of SNMP Agent.
Generic Trap Type:	Specifies the message type. Values are: 0 = coldStart 1 = warmStart 2 = linkDown 3 = linkUp 4 = AuthenticationFailure 5 = egpNeighborLoss 6 = enterpriseSpecific
Specific Trap Type:	Trap code.
Timestamp:	Current value of that Agent's sysUpTime object.
Variable Bindings:	Pairing of object name and value.

RFC

RFC	Subject
1155	Structure of Management Information
1157	Simple Network Management Protocol (SNMP)
1212	Concise MIB Definitions
1213	Management Information Base (MIB-II)
1214	OSI Internet Management MIB
1215	Convention for Defining Traps
1270	SNMP Communications Services
1303	Convention for Describing SNMP Agents
1315	Frame Relay DTE MIB
1418	SNMP over OSI
1419	SNMP over AppleTalk
1420	SNMP over IPX
1493	Managed Objects for Bridges
1512	FDDI MIB
1559	DECnet Phase IV MIB Extensions
1643	Managed Objects for Ethernet
1694	Managed Objects for the SMDS SIP Interface
1695	ATM MIB
1748	IEEE 802.5 Token Ring MIB
1757	Remote Network Monitoring (RMON) MIB
1850	OSPF Version 2 MIB
1901	Community-based SNMPv2

MIB-I and MIB-II Object Identifier Tree

