
CHAPTER 21

Network Management: SNMP

Exercises

1.

INTEGER tag: **02**

length: **04**

value: **00 00 05 B0**

Answer: **02 04 00 00 05 B0**

3.

OCTET STRING tag: **04**

length of the length field (2 bytes) (10000010) = **82**

length (1000 bytes) = **03 E8**

value (1000 character)

Answer: **04 82 03 E8** (Plus 1000 bytes of characters)

5.

30 15

43 04 00 00 2E E0

02 04 00 00 38 E4

06 07 01 03 06 01 02 01 07

sequence, length

TIME TICK, length, value (1200)

INTEGER, length, value (14564)

Object ID, length, value (1.3.6.2.1.7)

7.

30 43	sequence, length
30 41	sequence, length
02 04 00 00 09 29	INTEGER, length, value (2345)
04 08 43 4F 4D 50 55 54 45 52	OCTET STRING, length, value (COMPUTER)
41 04 00 00 01 59	counter, length, value (345)
30 29	sequence, length
02 04 00 00 04 63	INTEGER, length, value (1123)
04 04 44 49 53 4B	OCTET STRING, length, value (DISK)
41 04 00 00 05 96	counter, length, value (1430)
30 15	sequence, length
02 04 00 00 0D 80	INTEGER, length, value (3456)
04 07 4D 4F 4E 49 54 4F 52	OCTET STRING, length, value (MONITOR)
41 04 00 00 09 09	counter, length, value (2313)