

Se da spatiul de adrese 10.0.0.0... 10.27.25.255. Care dintre urmatoarele afirmatii sunt adevarate?

- a) printre adresele IP din acest spatiu de adrese se regasesc si adrese IP reale/publice
- b) 10.27.25.255 este adresa IP de broadcast pentru clasa de adrese a carei adresa de retea este 10.0.0.0\8
- (c) 10.27.25.255 este adresa IP de broadcast pentru clasa de adrese a carei adresa de retea este
- d) adresa de retea minima pentru care 10.26.255.255 este adresa de broadcast este 10.26.0.0 e) netmask-ul maximal astfel incat 10.27.25.255 sa fie adresa de broadcast este /23.
  - a) Loso, out interval Low ports din closo A, unde se allo oduse
    - b) дого, рого да ма того от ново imperito 255.0.0.0 неводовно от ді: 0.255.255.255 ОР 10.0.0.0.0

      - 10.255.255.255.255
    - c) 10.24.25.255=0000 1010.0001 1011.0001 1001. MII 1111 (2)
      10.24.24.0=0000 1010.0001 1011.0001 1000.0000 0000 (2)
      26 6/4; Ramuni → 2 (82-26)=2 9=512 1p-u+i

      → over 10.444000 10.24.24.0 10.24.25.255
  - · d) 10.26.255.255 → 6+800 last
    10.26.0.0 → 00400 di 4/20

    → 10000: 255.255.0.0 → 1000 permintul: 0.0.255.255
    - (3)  $(32-28)=2^{1}9=512$  dim 2 in 2

10.24.0.0 - 10.24.1.255

 $/22 \rightarrow 2^{1}/0 = 102H$  dim H 3m H 10.24.0.0 - 10.24.5.255 10.24.H 8 12 16 2024.0 - 10.24.24.255 2. CON ESH WHITTO COHOO IF LOOSING PERMING a DEMINE dim ploso 191, 168, 54,0/28?

2" (82-28) = 2'9 = 512 1P-UH

→ aduso & Hteo: 181.168.54.0 255.25.801.16K: teachoods ab odubo.

- whime while bills: 191.168, 55.254

3. Dim a Noso for porte 191. 10. 19. 23/21)

2'(82-21) = 2'11 = 2048 ip - UH ; OF Ab 2048: 256=8 रा भ्राक्ष ०७ - ६० विकास

191, 10,0,0 -> 191, 10.7, 255 191.10.8.0 -> 191.10.15.255

191,10.16.0 - 191,10.23,255

ESOLY G- 4 THE CONTROL OF HES OFF BEHOOD CHOCKENTH STAMED HOS. H on untwook-in specificat;

a) 85.127.255:0/15

6)83,124,255,255/24

e) 83.124.255.0/25

a) 83.127. 255.0/24

Sau

AND intre admox so coincida

(a) 128 -> 2 9=512

155, 255: 254.0

123 sumt dum 2 sm 2, odicà: 85,12+,0,0 - 88,12+,1,255 88.127.2.0 - 83.127.8.255

88,127, 254.0- 88, 127, 255, 255

→ 83.127.254.0 mu e ad450 du kheo

124 - 2 8 = 256 → 85.124.0.0 - 85.124.0.255 124 dim 1 5m 1

85.127.255.0 - 83.124.255.255

-> 86.127.255.255 mu e od450 do 4120

R) 125 -> 2"+= 128

83.124.0.0 - 85.124.0.124 88.124.0.128-83.124.0.255

d) 85,124,255.0/2H

12H -> 2'8=256

85,124.0.0 - 85,124.0,255

cominimo unicimo do 11 00 1001 = +HY 148 = 1001 0100 -> primii 5 biti somumi -- 15

Esclot timbe of sexpo BHOOFOMTU AMILL HAS . O

A) 172,50.255, 255 67 10.234.0.1 et 198. 162.0.0 188.0.0.215

0.0.0.0.0001 2H8,0,0,0

bride ocold 0-14 का काम के व्यक्ति भरत व्यक्ति ग्रीमिक मार्थ कामिक प्राप्तिकारण अस्मिक मार्थ म nutringsk-w specificat

a) 125.45.55. 128/25 6) 135. HS. 55. 128/26

135. H5. 55. 1821/26 115. 115. 115. 15. 15

AT 135,45, 55, 192/25

125, - 32-25 - 2 7 = 128

135.45.55.0 - 135.45.55.124 185.45.65.128- 185.45.55.255

126 -> 82-26 -> 2 6= 6H 135, 45,55.0 

,128

192.

8. Par sere instruction of ites of the same of the sam 163.255,255.0?

y for ports and Noso B

mosco imperità: 255,255,0.0 (116)

co so mu tropo cimital asses B, over (124) 255.255.255.0

163.255.255.0

288 = 1111 (111

8+8+8= 24

in unicanium do odola me otaixo est xeombia un ocolodia tas . Me montine aduso is 180. 180. 180. 180 of oduso de broodest 190,167.255.255? 2"(52-25)=2"9=512 - dim 2 im 2 190.166.0.0 - 190.166.1.255 190.166.20 254 --- 128

180.164.0.0 -

-> 128

10. DON ESHE DO MOI MORE DOSO de adrese enprimso imagras im projo (3m444000 du odkse) 50,60,40.80 ... 80.80, 100.110?

- orold mi -

9/80.0.0.0/5

b) \$1.0.0.0 /224.0.0.0 ; \$2.0.0.0/3

€) 60.0.0.0/7 -> 61.255.255.255 (browlesst)

(d) 50.0.0.0/8 -> 50.255,255,255

a) 60.0.0.0/240.0.0.0/60.0.0.0/4 -> 65.255.255.255

2) 64.0.0.0/240.0.0.0;64.0.0.0/4 -> 79.255.255.255

A) 64.0.0.0/255.0.0.0; 64.0.0.0/8 -> 64.255.255,255

teaboard buses

a)80,0,00 = 1000 0000,0000 0000,0000 0000,0000 5 → III 1000, 0000 0000, 0,0

= 1111, 1111, 1111, 1111, 1111, 1110, 0000 QUETSUME (

80.0.0.0 OR inversul = 87.255, 255.255

6) \$2.0.0.0 = 0100 1000.0.0.0 214.0.0.0 = 1110 0000.0.0.0 - muers: 0001 1111. 255.255.255 - 0101 1111, 255, 255, 255 = 95, 255, 255, 255

2) 60.0.0.0

Scanned with CS CamScanner

Se da spatiul de adrese 10.0.0.0...10.31.255.255. Care dintre urmatoarele afirmatii sunt adevarate?

- 10.0.0.0/8 este o subclasa de adrese IP inclusa in clasa data
- b) 10.31.255.255 este adresa IP de broadcast pentru clasa maxima de 2^21 adrese IP
- (c) 10.31.255.255 este adresa IP de broadcast pentru clasa maxima de 2^11 adrese IP
- d) toate adresele din acest spatiu sunt adrese IP false/private
- (9) 10.0.0.0/11 contine toate IP-urile din spatiul de adrese descris mai sus
- 4) 18 = primii 8 bisi sunt fixoti
  Hoto 24 pot 800 otio 4000000
  10,000 10,255,255,255
- (b) 2'21 -> 11 AIII . 1110 0000, 0000 0000, 0000 0000 255, 224, 0.0 moseo
  - 1010 0000, 0.0.0 OR 0, 0001 1111, 255, 255 1010, 51, 255, 255 -> 10.31, 255, 255
- e) 2'11 -> 21
- d) true
- 11/0.0.0.0/1

10.81, 255, 255

12. Ron dimhe memotoche memosk-uni pot fi forosite notte of in orthod sofowood?

0) 123

0000 1010 = 08

16+H=20

un mosk-of boots to so

13. Can dimtre urmotocres adres is un poot di segodo de possessatotot to refampt Grossmans;

223.255.255 broodws+

6) 124.0.0.1 Loopbock

(m) 192.168.10.0 odnos de mjes (mu moporat)

d) 193.231.20.1

14. Dim & doso for porte aduso is 191.10.19.25/21?

2 (82-21) = 2 11 = 2048 (dim 8 im 8)

191.10.0.0-191.10.4.255

191.10 16.0 - 191, 10.25.255

15. AdHOO 192. 168. 60. A poole \$1 00 HOO do HILOO? AU pt so se termino in impor

किराधमवर्षा हे भारता भारत केर किर करा उत्तारा भारता मार भारता भारता भारता केर (21/ Cu. Hommten as 30400 as 6000 6-44mile

IM & YHI (8 Piti)

11 = 0000 - 1011

inomas itid Ex ilming 10 = 0000 1010

inumas it is imit a senter out of the manual

teasbootd its of the my 4! विभिन्न प्रभवनिक्ताम अस्तां भारत स (8404 emuicanemit de 30400 de 60010 0-14mi

a) 20.48.31.255

8) 10.30.32.255

C) 10.20.39.255

a) 20.48.20.48

2048 -> 2" -> /21 aim 8 im 8 (255,255,2HB.0)

(teadboord) 221.16.8H.05 121 -> 255.255.248.0 = XIII 1111. 1111 XIII. 1111 1000.0000 0000 (2) 20.48.31.255 = 0001 0100,0011 0000, 0001 1111, 1111 1111 ( AHA)-0001 0100.0011 0000.0001 1000.0000 0000 20. 48. 24.01 20.48.24.0 - LO.48.31.255 7, (25-51)= 5, 11 jb-n4= 5048 - 0046 & 1110.0010 0000.1111 1111 (2) 6) 10.30.32.255 = 0000 1010. 0001 1111, 1111 1000.0000 0000 (AHA) 1111 " 1114 1111 1000.0001 1110,0000 0000,0000 0000 10, 30, 32.0 class (1) 10.20.39, 255 = 0000 1010, 0001 0100,0010 0111, XIII 1111 1111 1111 1111 1111 1111 1111 1111 1111 1010, 0001 0100,0010 0000,0000 0000 0000 10, 20, 32, 0 - 10, 20, 39, 255, - 40 91 esex bo close with cominimo was comine do do ocole see 18. ( FF. 74. 18.08 , 18.08 , 18.08 , 86.81.18.08 ; sootom 0) 80.81.42.0 /18 70000 0000,000 00 10, 1000 1010,0000 1010 1111 1111 1111 1111 1111 1111 1111 18 80.81.71.0-80.81.12. OR PNO. HO.18.08 18 -> IIII IIII. IIII IIII. III 0 0000. 0000 0000 1111 1111, 1111 1000,0000 0000,000 80.81.64.0-80.81.95.255=31 31. 255 0. 0. OR 80.81.6H. O 80.81.95.255

0.0. 15.255

18.08.18.08 Would will 255.81.18.08 - 0.14.18.08

80.81.49.255

80.81.42.0 /19 0.0.31.255 OR 80.81.35.255

80.81.72.0 - 80.81.95.255 213

80.81.64.0 0.0.31.255

80.81.64.0 - 80.81.95.255 = 51

80.81.95.255

o si e au mesano mai mica ducit e

19. Obte subclose ou motimosk 255. 224.00 existo im ploso de dimensiona moximo ou ocuso de utes 36.0.0?

155. 224.0.0 - IIII III. 1110 0000,0000 0000.0000 0000 -> /11 

TII = T muo quabs sign on French

20. LOH este mutmosk-ul si odhoo de broodeast a Hielei de dimen siene moximo ku odno du nico 223.48.0.0?

48-0011 0000

8+ H= 12 m+moskul

moseo: 255, 240.0.0

breadcast: 1101 1111, 0011 0000, 0000 0000, 0000 0000 SO

1111 1111 1111 1111 0000 0000 0000 MOI IIII. 0011 1111. 1111 1111, 1111 1111 223, 63 , 255,255

21. Рон финте интодоство обные вын итрнить ри тытожний прейв. cot odreso de Hiteo? AHD dinte nutmosk & reteo so

a) 10.20.50. 40/28

6110.20.50.40/29

E) 100.200.256.40/29

d) 40.30.20.10/29

10.20.30.40 = 00001010. 00010100. 0001 Illo. 0010 1000 /28 11 11 1111, 1111 1111, 1111 1111, 1111 0000 = 255.255.255.240

cado 0100.000 0100.0001 1110.0010 0000

10.20.00.02

6) 10.20.80.40

255.255.255.248

10.20.30. HO

d 40.30.20.10

255.255.255.248

40.30.20,8

20.03 when on other on invention motion of the of the

> 222= 1101 111/0 8+4=15

Mosia 255. 254,0.0

proodcost: HZ. 222,0.0

OR

0. 1. 255.255 HL, 223, 255,255



we opilor un-xour engine with the senter 23. LON SIMIN WYMOTOURS .tmx+mi

0) 255.255,192.0

5D255, O. 240.0

EV 255, 224, 240.0

a) 224.0.0.0

mu per ouro biti du o

Diste 1000 on agus 16 on maste on 460 522 THO 0.0 20 bay forme ( उर्देवमाने अर्थित का महिल्ला कार्ष कार्

12 biti reteo 20 host

 $1000 B: \frac{2^{1}20}{2^{1}20} = 1$ 

гон обине интовоски одное си пинтоок и specifical е одной de stanboord?

et 23.42.16.255 /23

108 23.42.15.15 /23

@ 23. H2. 15. 127/26

23. H2. Nb. 0 /22

255.255.254.0 25.42.16.0

moseo: 23 → 2<sup>1</sup>9 = 512 2642 2 23.42.16.0 - 23.42.17.255

25.255, 255, 248 255, 255, 256, 248

100960: 50 -17, 8=8

23.42, 15.8-23.42.15.11 23.42, 15.12-23.42.15.15

255.255, 255, 132 23.42.15.64

> mosco: 26 -> 2 6 = 6H 23.42.15.64-23.42.15.12+

> > (10)