enample 2: VPC 2-10.0.0.0/23 - 512 IP Addresses

Total number of bits in IPV4 - 32

20 BiH in CIDE IP addrew 2 23 01 0 374 256 572 1040

32-23=9 29=512 ip addieties but or

rotal number of bits in 1PV4 = 32-101

Bits in CIDR 1P address 22 = 10 = 1024 1P addresses

```
10.0.0.0, 10.0.0.1, 10.0.0.2, 2.0.0.01, 1.0.0.01, 0.0.0.01
10.0.1.0, 10.0.1.1, 10.0.1.2 year extent. 0. 1.255 mg
10.0.2.0, 10.0.2.1, 10.0.2.2 10.0.2. 10.0.2.25
 10.0.3.0, 10.0.3.1, 10.0.3.24.7.10. (110.0.3.255 011)
                          EN HET CIT
Example 4: VPC 4 - 10.0.0.0 / 24 - 256 IP Address - 121
                                         4) 125 - 1024
      Total number of bits in 1PV4 - 32'
                                          212 - 80/18
       Bit In CIDE IP address - 24
         32-24-1=8 = 28 = 256 1P addresses 32 12 stanton
     example 5: VPC 5 -10.0.0.0/25 - 128 1P add relies
        Total number of bills in 1PV4 = 32
     Bit in Opr 19 address, -125 0 01 (0.0.0.0)
         32-25 = 7 = 27 = 128
              ERAMIPH 2: 11PC 2 - 10:0 0.0/03 - 12 11 nothing
      10.0.0.0, 10.0.0.1, 10.0.0.0.2.
 example 6: VPC6 - 10.0.0.0/26 - 64 1P addresses
       Total number of bits in 1844 = 32
         Bits in CIDR IP address - 26
     2 32026 = 6 -> 26 = 3 6401, 1.00.01, 0.00.01
        10.0.0.0, 10.0.0.13
```

Total number of bits in 1PV4 = 32

Bit in CIDR 1P address = 27 11

```
example 8: VPC 8-10.0:0.0/28 - 16 19 addresses
      Total number of bits in 1PV4 = 32
        BITS in CIPR IP addrew = 28
                                       0.1 0.01
             32-28 = 4 = 24 = 16
      10.0.0.0, , 10.0.0, 1 .... 10.0.0.15
example 9: VPC 9 - 10:0.0.0/21 - 2048
       10.0.0.0, 10.0.0.1
                           , . . 10.0.0.250
       10.0.1.0 22.1.0.01
                         10.0.2.0
                                  10.0.2.25
       10.0.3.0
                                . 10.0.3.255
       10 . 0 . 4 . 0
                              , 10.0.4 255 01
       10.0.5.0
                                . 10.0.5.255
       10.0.6.05 220 - 05/0.000 10.00.6. 255/1000NS
       10.0.7.0
                             . . . 10.0.7.255
                                   0.0.0.01
             712.0.0.01
 example 10: VPC10 - 10.0.0.0/20 - 1000 409601
       10.0.0.0
                                     10.0.0.255
        10.0.1.0
                                     10.0.1.255
           771 373 U OA
                     1981 Ticha 7/ 218 - 82/0.0 .21.02
        10.0.15.0
                      - . - . 10.0.15-255
                       18 2 -1 - 81 - 0 C 4 6 0 0 - 21 - 32
  example 11: VPC 11-10.0.0.0/19-8192
                    1917 miles 1 185 - FRID U DI US - 8 2 18 F
                             - . 10.0.0.255
         10.0.0.0
                       . 255
         10.0.1.0
                   1111 Hickory 3 1 3 1 - 8 2 1 5 3 3 - 85 - 8 3 16
                                  10.0.31.255
         10.0.31.0
```

20215-1660 41 FB - 22/010 31-65 2018-

89.0-27.08 F C D 9 8.48

```
example 12: VPC 12=10:0:0:0/18= 16,384
            10.0.0. 255
    10.0.0.0
    10.0.4.0
              31 - FE C- 18 - 88 - 88
    example 13: VPC 13 - 10:0.0.0/17 - 32,768
   10.0.0.0
    10.0.5
                            0.5 0.01
    10.0.127.00.01
                            5 2 0 01
     235 2.0.01 . .
 example 14: VPC 14-10.0.0.0/16-65536
                           0-1-0-01
      10.0.0.0
                - - 10.0.0.255
     10/00/1/0 #22 - 02/0000.
                          . : 0.0.0.01
     723.0.0.01
                           16 1 . 0 . 01
    10.0.255.0
                   10.0.522.522
1) VPC 2 - 20-15: 0.0/23 - 512 19 Addressel
      20.15.0.0 to 20.15.1.255
           2 FT3 - FILO. O. O. O. O. O. - 11 3 PT 3 PT MOKS
2) VPC 3 - 20.15.0.0/24 - 256 17 addresses
                          0.0.0.01
                          0.1.0.01
     20:15.0.0 to 20.15.0.255
3) VPC 4 - 20.15.0.0/25 - 128 IP addresses
     12218 0.01
      20. 15.0.0 to 20.15.0.127 0-18.0.01
4) VPC 5-20.15.0.0/26 - 64 18 add tesses
```

20.15.0.0 to 20.15.0.63

```
5) VPC6 -20.15.0.0/27 - 32 1Paddresses
       20.15.0.0 to 20:15.0.31 = 17/0/2 - 1/20/20
e) VPC7 - 20.15.0.0/28-16 11 addresses
        20.15.0.0 to 20.15.0.15 20.15 10000
7) VPC8 - 20.15.0.0/22 - 1024 17 addresses
     20.15.0.0 to 20.15.3.255.21 00 _ 379V & HOMONS
8) VPC 9 - 20. 15.0.0/21 - 2048 IP addresses
        20.15.0.0 to 20.015:7.255 191 PSOI- 5 120002
                                 171 A 101 - 1 ) Sadue
                       3. 31.00 -
 9) VPC 10 - 20.15.0.0/20 - 4096 19 addresses
                    0. 21-21 02 - 27 FEGY - A FEMOLUE
       20.15.0.0 to 20.15.15.255
 10) VPC 11 - 20.15.0.0/19 - 8192 MP addresses - 4 JAV: A SIGNALION
       20.15.0.0 to 20.15.31.255 11. 314.03- 1 toaduz
 11) VPC 12 - 20.15.0.0/18 - 16384 18 addresses standus
        20.15.0.0 to 20.0.63.255 Pos . 8+2-ndus
              12 ju +2 21 02 - 171 + Fas Advadus.
 12) VPC 13-20.15.0.0/17 - 32768 17 addresses
         20.15.0.0 to 20.03/27.255 00 = 3 392 . 8 Hamiland
 13) VPC 14 - 20:15:0.0/1602 6553601Ptaddristes
          20.15.000 to 20.0.255.255
             UNI E . W. OF . 191 3 POA . 3 1971 018
Enample 1: VPC1-20.15.0.0/22-
                     202 19/010P + ktordu2
       Subnet 1 - 2561P's- 20.15.0.0/24
       subnet 2 - 256 1P's - 20:150 100/24 - 2016 de algmont
```

Aubret 4 - 2561Pi - 20.15: 3.0/24: Fillians

FILO PO 21.05 - 211 EPIB - E JORDUZ

FILO OP. 21.05 - 191 CRIB - FTORBUS

eubnet 3- 256 1P's - 20:15:2:0/24 / and w.

```
Example 2: VPC2 -20.15.0.0/21-
      Subnet 1 - 512 1P's - 20.15.0.0/23
      Subnet 2 - 512 1P's = 20.15-2.0/230
      subnet 3-512 1P's - 20.15.4.0/23
       Jubnet 4 - 512 1PS - 20.15.6.0/23
 Example 3: VPC3 - 20.15.0.0./20 =1 00 0.0.71.00
        subnet 1 - 1024 1P3 - 20:15.0.0/22
        Subnet 2-1024 1P's = 20:15:14.0/2200 21-12
        Subnet 3 - 1024 1P's - 20.15.8.0/22 - 01 29V (P)
        Jubnet 4 - 1024 1P's - 20.15.12.0/22
 Example 4: vpc 4 - 20:15:05:0/19 = pis = 15/10 -0.7/1039 - 11 39V (11
        subnet 1 - 2048 195 = 20. 15.0.0 /21 00 21 00
        subnetz - 2049, 1P's - 20.15.8.0/21 100- 81 39V (11
         subnet3 - 2018 1Pi - '20.15-16.0/21
         Subnet 4 - 2048 1P6 - 20.15.24.0/21
                (3) VPC 18-20.15.00/19 - 62765 17 activision
  Example 5: VPC 5 - 20.15.0.0/18 = 01 0.0.000
            Subnet 11-4096 1P's= 20:15.0.0/2000 - 11 09V (E)
            Subnet 2 - 40961P'1- 20:15. 160/20
            Jubnets - 4096 1PS- 20.15. 00320/20
            subnet 4 - 4096 1P's - 20.15. 0 48/201
                   ps/ 0.0.21.02 - 1/005 - 1 tradel
  Example 6: VPC6-20:15:0.0/17-
            Jubnet 1-819279's - 20.15.0.0/19
             subnet 2 - B192 1P1 = 20:15.32.0/19
             subnet 3 - 8192 1PS - 20. 15. 64.0/19
```

subnet4 - 8192 1P's - 20.15.96.0/19

```
Frample 7: VPC 7 - 20.15.0.0/16-
            subnet 1 - 16384 - 1P's - 20.15.0.0/18
             subnet2 - 16384 1P'1 - 20.15.64.0/18
             subnet 3 - 163841P's - 20. 15. 928.0/18
            subnet4 - 163841P1 -20.15. 192.0/18
Example 8: VPC 8 - 20.15:0.0/18-
         subnet 1 - 4096 - 20.15.0.0/20
         subnet2 - 2048 - 20.15.16.0/21
          Subnet 3 - 1024 - 20.15.24.0/ 22
          Subnet + - 2048 - 20.15. 28.0/2 21
          Subnet 5 - 1024 - 20.15.44.0/20
          subnet 6 - 2048 - 20.15.48.0121
                                           1 DONNEZ
          Subnet 7 - 4098 - 20.15.56 01120
                                                   16384--64
              Support 5 - 4024/11-10.0 20 0/19
 Example 9: VPC9 -020:15:0:0/16/11 0000
              3 ub net 12- 4096 1P 5044 2015.00/20
             subnet 2 - 16384 1P's 2 20.15.16.0/18
              Subnet3 - 4096 1P's - 20.15.80.0/20
              subnet 4 - 2048 1PS - 20.15.96.0/21
              subnets - 1024 1Ps - 20.15.104.0/22
subnet6 - 8192 1Ps - 20.15.108.0/29
              subnet7 - 4096 185- 20.15. 0/20
              20100711 - 40101P1 - 10.0.52 0/20
Example 10: YPC 10 -20-15.000/18-112100 - 312000
          subnet1 - 2048 1P's - 20, 15:0.0/210 isolded
          Subnetz - 40961P's - 20.15.8.0/20
          Jubnet 3 - 512 1PS - 20.15.24.0/03
          Subnet + - 1024 IP'S - 20.15.26.0/22
Subnet 5 - 512 IP'S - 20.15.30.0/23
          Subnet 6 - 4096 19's - 20. 15.32.0/20
          Subnet 7 - 1024 1PS - 20. 15.48.0/22
           fubret 8 - 20481P's - 20.15.52.0/21
```

```
VPC 10-20.15.0.0/17-
 Example 11:
            subnet 1 - 2048 1P's - 20.15.0.0/21
            Jubret 2 - 8192 1P's - 20.15.8.0/19
            subject 3 - 2048 1P's - 20.15.40.0/21
         subnet4 - 1024 1P's = 20.15.48.0/22
            subnet 5 - 512 1P's - 20.15.52.0/23
            subnet 6 - 4096 1P's - 20.15.54.0/20
           Subnet7 = 512 1P/5 - 20.15:70.0/23
            subnet 8 - 20481Py - 20.15.72.0/21
                           Subnet 3 - 1024 - 22 1
Subnet 1 -4096 1Pg-10.0.0.0/20
         Subnet 2 - 1014-101- 100000 10.016:0/22
         subnet 3 - 40241P's - 10.0. 20.0/19
         subnet4 - 409/6 1Pkg-110.0.36.0/1909V 18 3/9/10/3
          subnets - 20/48-183 $ 10:0.52.0/
         Fubrel 6 - 8192185 - 10:0.76.0/20
Example 12: VPC 12 - 10.0.0.0/16
          lubret 1 - 4096 184 - 10.0.0.0120
          subnet 2 - 1024 1PJ - 10.0.16.0/22
         Lubret 3- 81921P's -10:0.20.0/19
          subnet4 - 40961PÍ - 10.0.52.0/20
          subnet 5 - 2048 1P'SI 100 68.0/21 39V 101 0/genor
```

18 / 9-2 - 21 00 - 1910 pos - 3 12 adust

291 Eld - E fradel

271 1201 - Af 377 du &

subnet 6 - 4096 1P's = 10.0.76.0 | 20 die

ED D. P. T. C. C.