

پروازہ تکبیری

$$192.168.1.0 / 24 \quad n=4$$

$$192.168.1.0 / 26 \quad \leftarrow 6 \text{ صفر}$$

$$2^n = 4 \Rightarrow n=2 \quad \rightarrow \quad 2^n - 2 = 62$$

$$192.168.1.0 - 192.168.1.63$$

64 -

127

128

191

192

255

---

Date: / /

Sat	Sun	Mon	Tue	Thu	Wed	Fri
-----	-----	-----	-----	-----	-----	-----

Subject: .....

192.168.1.1 - 192.168.1.62

65 -

126

129 -

190

193 -

254

32

2) 172.16.0.0/16  $n=16$ 

172.16.0.0/20

$2^n = 16$

$\Rightarrow n=4$

$2^n - 2 = 4094$

□

172.16.0.0

- 172.16.16.0

32

48

64

80

96

112

128

144

160

176

192

208

224

240

3) 10.0.0.0/8  $n=64$ 

10.0.0.0/14

$2^n = 64$

$\Rightarrow n=6$

$2^n - 2 = 65502$



Subject:

Year:      Month:      Day:      ( )

page: ( )

10 . 0 . 0 . 0 - 10 . 4 . 0 . 0

8

12

16

20

24

28

5

32

36

40

44

48

52

56

60

10 4) 192 . 168 . 10 . 0 / 24  $n=8$ 

192 . 168 . 10 . 0 / 27

 $2^n = 8$  $n=3$  $2^n - 2 = 30$ 

192 . 168 . 10 . 0 - 192 . 168 . 10 . 31

15

32

63

64

95

96

127

128

159

160

191

20

192

223

223

254

192 . 168 . 10 . 1 - 192 . 168 . 10 . 30

33

62

193

65

94

224

25

97

126

PAYCO

129

158

161

190

5)  $172.31.0.0/16$

$n=128$

$172.31.0.0/23$

$2^n = 128$

$\Rightarrow n=7$

$\log_{10} \leftarrow 2^n - 2 = 510$

$172.31.0.0 - 172.31.2.0$

5

4

6

8

10

12

14

16

18

20

22

10

|

|

$172.31.254.0/23$

6)  $10.10.0.0/16$

$n=1000$

$10.10.0.0/26$

$2^n = 1000$

$\Rightarrow 2^{10} = 1024$

$2^n - 2 = 62$

15

$10.10.0.0 - 10.10.0.63$

1

64

127

128

191

20

192

255

$10.10.0.1 - 10.10.0.62$

65

126

129

190

25

193

254



Subject:

Year: Month: Day: ( )

page: ( )

192.168.0.0 / 16

$n = 1024$

192.168.0.0 / 26

$2^n = 1024$

$\Rightarrow n = 10$

$2^n - 2 = 62$

5 192.168.0.0 - 192.168.0.63

64

127

128

191

192

255

192.168.0.1 - 192.168.0.62

10 65

126

129

190

193

254

15

20

25

P4YCO