

"

2019 13

2019 24

2024

2024 5

2024

(: 710202)

3

" " " " " "

1			
2			

1.

2.

3.

4.

5.

6.

7.

(

1.

2.

3.

4.

5.

6.

7.

8.

9.

1.

2.

Veb

3.

1.

2.

3.

4.

5.

7.

8.

1		2020	36

2020

4		2020	36

5			216
6			216
7			144
8			144

9		" "	180
10			90

1

1			54

2			288
3	H5	HTML	54
4	VB	Basi c Vi soal Basi c Vi soal VB	144
5			36

6	VPS	<p style="text-align: center;">VPS</p> <p>VPS</p> <p style="text-align: center;">VPS</p> <p style="text-align: right;">VPS</p> <p style="text-align: right;">VPS</p> <p>PDF</p> <p style="text-align: center;">VPS</p>	72
---	-----	--	----

2

1			72
2			108
3		<p>Windows Linux</p> <p style="text-align: center;">IIS</p> <p style="text-align: right;">DNS</p> <p style="text-align: center;">DHCP Web FTP</p>	54
4			108

5	Li nux	Li nux Shel l Li nux	72
6	Wèb	HTML CSS3 JavaScri pt Jquery Wèb Wèb Wèb	54
7			72
8		VLAN VRRP ACL NAT AAA	108

					1	2	3	4	5	6
					18	18	18	18	18	20
			18	16	2	1				
			36	32	4	2				
			36	32	4		2			
			36	32	4			2		
			36	32	4				2	
			216	198	18	3	3	3	3	
			216	198	18	3	3	3	3	
			144	135	9	2	2	2	2	
			144	72	72	4	4			
			90	84	6	2	2	1		
			180	18	162	2	2	2	2	2
			36	18	18					1
			36	18	18					1
			36	18	18					2
			1260	903	357	19	18	13	12	6
			288	230	58	4	4	4	4	
		H5	54	27	27		3			
		VB	144	72	72			4	4	
			36	18	18	2				
			54	27	27	3				
WPS		72	36	36					4	
		648	410	238	9	7	8	8	4	
		108	30	78					6	

1

2

3 " + "

4

5

1

1

2

3

" " " 1+X"

4

2

1

40%

60%

2

40%

60%

3

30% 50% 20%

4

1

1

2

2

1.

					(/)	
1				CPU	40	
				2GB		
				250GB		
				1024× 768		
				1		
				1		
			:			
				(/)		
2				CPU	1	
				2GB		
				250GB		
				1024× 768		
				1		
				41		

			1	16	
			2		
			3	RJ-45	
			4		
					41
					(/)
				CPU	
				2GB	
				250GB	1
				1024× 768	
				1	
					20
					41
					41
					41
					41
					41
3					

					(/)	
4					8	
					8	
					8	
					8	
				CPU	8	
				2GB		
				250GB		
				1024× 768		
				1		
		8				
		8				
		(/)				
5				CPU	40	
				2GB		
				250GB		
				1024× 768		
				1		
					1	
				8	12	
					12	
					12	

					(/)	
6				CPU	40	
				2GB		
				250GB		
				1024× 768		
				1		
				1		
				1		
			CPU			
			8GB			
			1TB			

2

--	--	--	--	--

1

1

2

3

4

5

2

1

2

()

1

2

3 X