

610202

61	6102	6540	2-02- 10-04		

1

IT

2

1

1

2

3

4

5

2

1

1

1			Windows	
2				

			Li nux Li nux /	
3			C Web PHP Python	
4				

1.

" "

" "

2

3.

"

"

"

"

"

"

"

"

"

"

4.

"

"

—

5.

1-2

6.

"

"

7.

8.

" "

9.

10.

,

,

,

11.

"

"

12

1

2

TCP UDP

P T
VM

S

FTP

DNS

E-

DHCP

L

3 C

C

C

J

PHP

4

OSI

TCP/IP

IP

TCP

UDP

ARP

ICMP

IP

.25

IP

5

EB

PHP

HTML

PHP

C S

J S

PHP M SQL

HTML

PHP

PHP

PHP

M SQL

6

S 2012

DHCP NAT EB

FTP

NTFS

DHCP DNS FTP

IP

7 L

L

L

L

L

L

S

L

L

S

L

8

S

9

10

KVM KVM KVM
QEMU I KVM KVM
QEMU KVM CPU KVM
KVM KVM
KVM KVM

11

S 2012

NAS

SCSI NAS SAN

NAS

SAN

12 L

L

L

S

S

S

13 PHP

PHP

PHP

EB

PHP

PHP M SQL

HTML

PHP

PHP

PHP

M SQL

PHP M SQL

PHP

3

PHP

PHP

FORM

PHP

PHP M SQL

C

S

PHP

SQL

14 P

P

P

P

15 P T P
P ML
P

O S SDN

16 O S IAAS PAAS SAAS

" "

17

							1		2		3	
							16	18	18	18	18	20
/												
1	010		4	72	64	8		4/72				
2	020		3	54	46	8	4/54					
3	030	A(1)	1	8	8	0	(8)					
4	032	A(2)		8	0	8		(8)				
5	033	A(3)		8	8	0			(8)			
6	034	A(4)		8	8	0				(8)		
7	035	A(5)		8	8	0					(8)	
8	090	(1)	1	1	1	0	(1)					
9	091	(2)		1	1	0		(1)				
10	040	(1)	3	56	30	26	4/56					
11	041	(2)	4	72	46	26		4/72				
12	060	(1)	2	36	4	32	2/36					
13	061	(2)	2	36	4	32		2/36				
14	062	(3)	2	36	4	32			2/36			
15	170		4	72	50	22		4/72				
16	050	A	3	54	27	27	4/54					
17	080		2	36	30	6				2/36		
18	100	(1)	2	12	8	4	(12)					
19	102	(2)		12	8	4			(12)			
20	103	(3)		12	8	4				(12)		
21	140	(1)	1	6	6	0	(6)					
22	141	(2)		6	6	0		(6)				
23	110		1	12	12	0	(12)					
24	0501460B		5	84	42	42	6/84					
25	0500470B		5	84	42	42	6/84					
26	0500120B	C	6	108	54	54		6/108				
27	0501600B		6	108	54	54		6/108				
28	0500920B		5	90	45	45			5/90			
29	0501490B		4	72	36	36			4/72			
30	0501500B	L	6	108	54	54			6/108			
31	0500891B		4	72	36	36				4/72		
32	0500650B		6	108	54	54			6/108			
33	0501630B		6	108	54	54				6/108		
34	0501510B		4	72	36	36					4/72	
35	0501301B	L	4	72	36	36				4/72		

	0500771B								
36	0501551B PHP	+							6/108
	0500061B ASP.		6	108	54	54			
		+							
37	0501721B P		6	108	54	54			6/108
38	0501561B		4	72	36	36			4/72
39	0599992B		2	36	18	18	1 5	,	
								,	20 1

1
2

" "

3 ()

2

40

4

4

		18	16	463	226	237	2		
		20	18	483	279	204	2		
		20	18	434	209	225	2		
		20	18	488	226	262	2		
		20	18	396	152	244	2		
		20	20	336	0	336		20	
		118	108	2600	1092	1508	10	20	

5

5

				%
			718	27.6
			687	26.4
			1195	46
			2600	100
			2204	84.8
			396	15.2
			1092	42
			1508	58

7

80%

Li nux

6

B

--	--	--	--

--	--	--	--

1

2

3

58%

1508

2600