

1

1

1

2

4

3

4

5

5

6

1-2

7

8

9

10

11

12

2

1

Linux

Linux

Shell

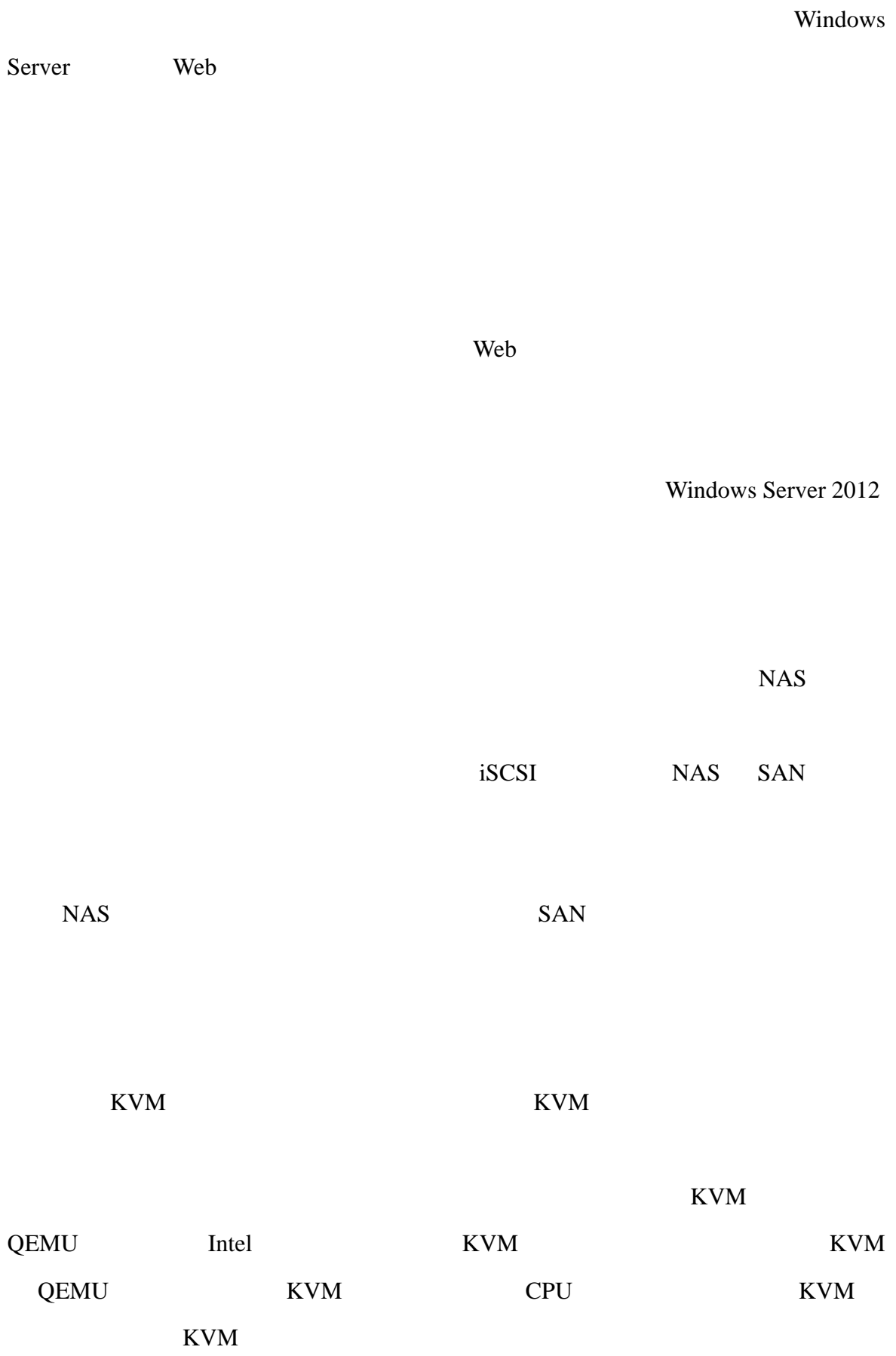
Linux

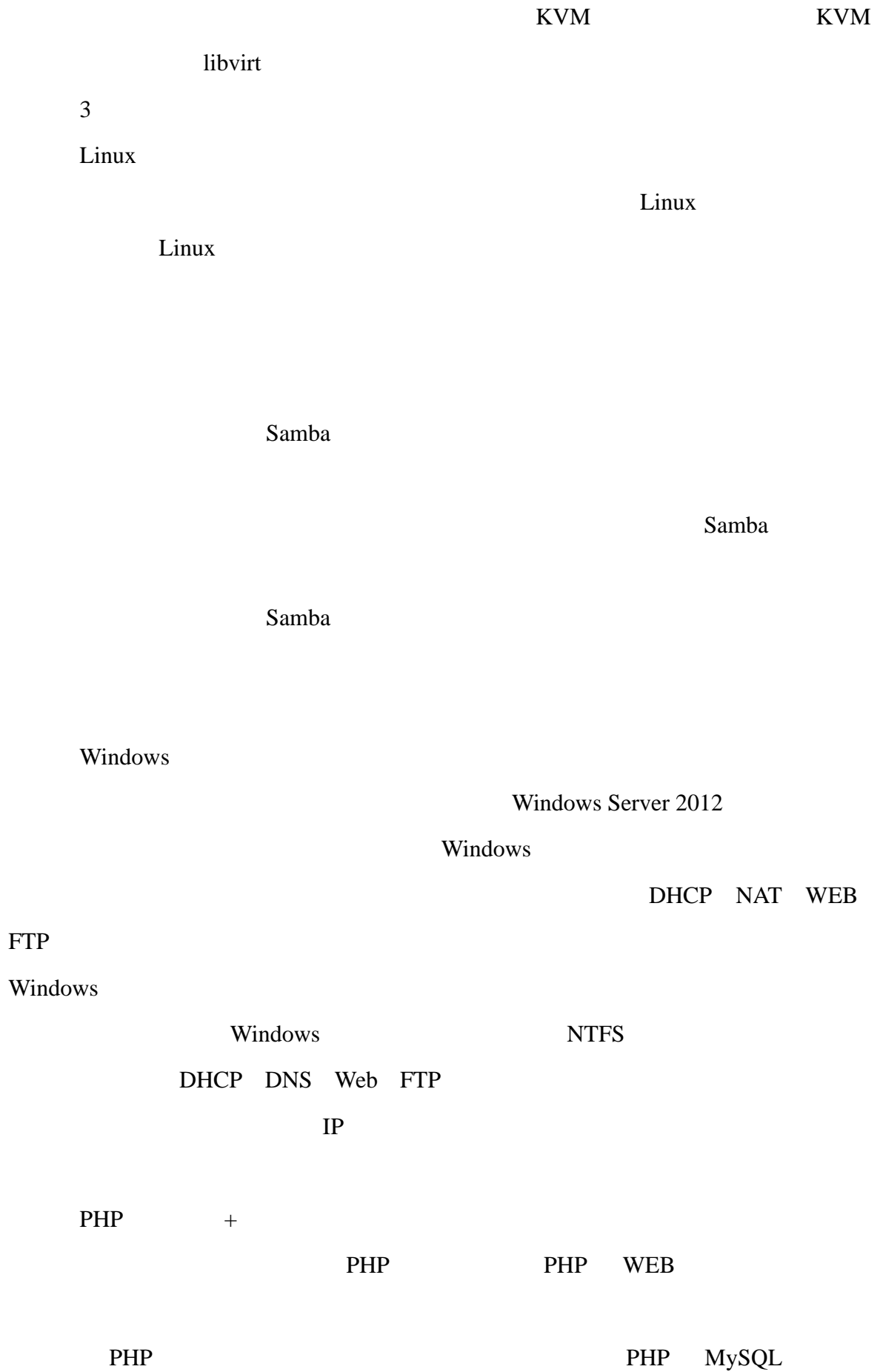
2

OSI TCP/IP IP TCP UDP
ARP ICMP IP

X.25

IP





IAAS PAAS SAAS

OpenStack

Android

Android

Android

Android

Android

Android

SQLite

Android

Linux

Linux

Linux

Nginx/HAProxy Keepalived LVS Keepalived/DR DNS

Web

ZooKeeper

Linux

Python

Python

Linux

Fabric

4

IP

vlan

rip

ospf

ACL

ACL

3

1800

93

50%

604

34% 33

1196

66% 60

244

14% 14

4

4

--	--	--	--	--	--

		(1)												
15	99000182B	(3)		12	6	6		12						
16	99000192B	(4)		12	6	6			12					
17	99000632B	(1)	2	12	6	6	12							
18	99000642B	(2)		12	6	6		12						
19	99000212C		2	56	0	56	56							
			31	568	296	272	11/286	9/194	2/88	0				
1			2	36	18	18			36					
			2	36	18	18	0	0	36	0				
			33	604	314	290	11/286	9/194	2/124	0				
(1	01050230B		4	70	28	42	5/70						
	2	01050240B		6	108	54	54	6/108						
	3	01050250B	Linux	4	72	36	36	5/72						*
				14	250	118	132	16/250	0	0	0			
				14	250	118	132	16/250	0	0	0			
	1	01050050B		4	72	36	36		4/72					*1+X
	2	01050090B		4	72	36	36		4/72					*
	3	01050120B		4	64	32	32			4/64				*
	4	01050110B		6	96	48	48			6/96				
				18	304	152	152	0	8/144	10/160	0			
			18	304	152	152	0	8/144	10/160	0				
1	2	01050131B	Linux	4	72	36	36		4/72					4
		01050261B	Windows	3	54	27	27		3/54					
	2	01050151B	PHP +	4	72	36	36		4/72					4
		01050271B	Java B	3	54	27	27		3/54					
	1	01050181B		4	64	32	32			4/64				4
	2	01050281B	Android	2	36	18	18			2/36				
3	01050191B	Linux	2	36	18	18			2/36					
4	01050231B		4	64	32	32			4/64					
			26	452	226	226	0	14/252	12/200	0				
			12	208	104	104	0	8/144	4/64	0				
			12	208	104	104	0	8/144	4/64	0				

		1	01050290C	/	2	50	0	50			4/50				
		2	01050210C		2	48	0	48			2				
		3	01050220C		12	336	0	336				28/33			
					16	434	0	434	0	0	4/98	28/33			
					16	434	0	434	0	0	4/98	28/33			
					60	1196	374	822	16/25	16/28	18/32	28/33			
					93	1800	688	1112	26/53	25/48	22/44	28/33			
					93	1800	688	1112	26/53	25/48	22/44	28/33			

1. " "
- 2
- 3 " "
- 4 " *"
- 5 " 1+X" " 1+X"

17

15

67%

1				2
				4
				56
2				6
				8
				56
3				6
				2
				4
4	Linux	Linux Linux		4
				8
				60
5		Web		2
				60
6				6
				6
				64

	2		60	
		IT	40	
			20	
	3	ICT	30	
			30	

			60	
--	--	--	----	--

" "

	1000 5000
	1 2

93
48

14

31

6 7

6

1	
2	Web

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																				
2																				
//																				

