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Linux

Linux

Shell

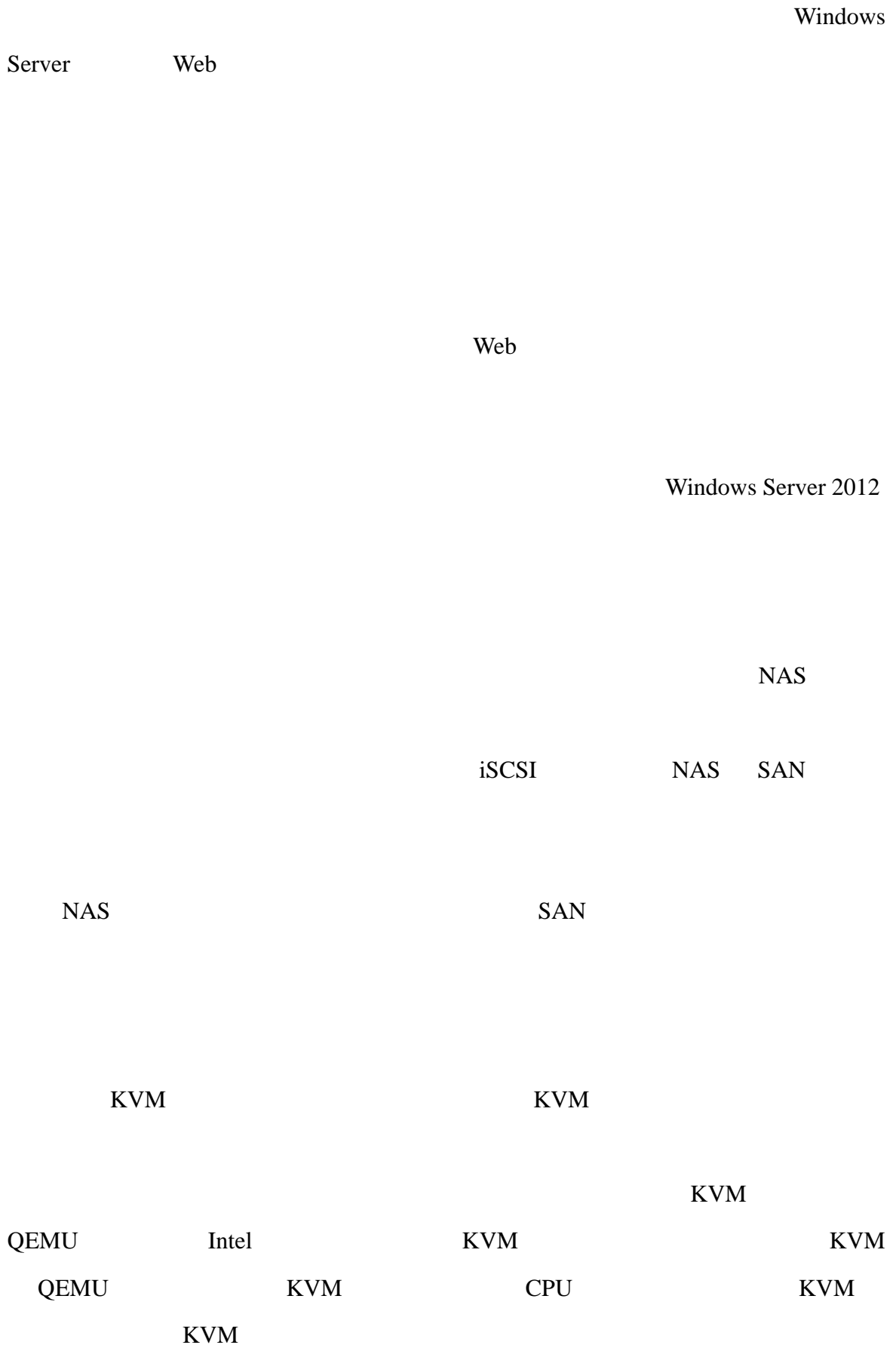
Linux

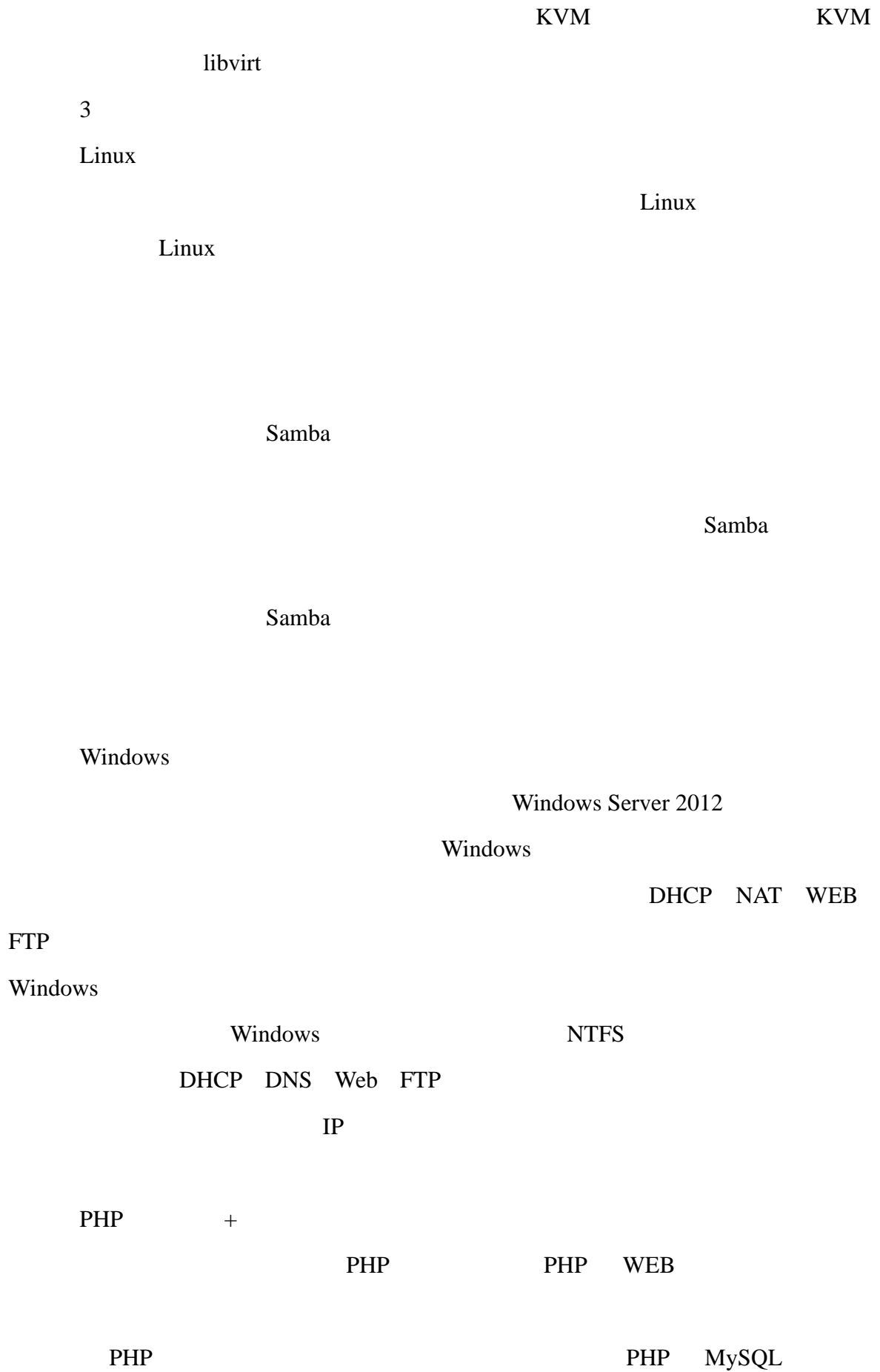
2

OSI TCP/IP IP TCP UDP
ARP ICMP IP

X.25

IP





			HTML	PHP		
			MySQL		PHP	MySQL
PHP		PHP				
		PHP				
	3	PHP				
	PHP					
FORM				PHP	PHP	MySQL
				Cookie	Session	PHP
					SQL	

Java		B				
			C			
	Java					
			Java		Java	
	Java	GUI		Java		
		Java			Java	
Java	GUI					
Java						

SDN

OpenStack

IAAS PAAS SAAS

OpenStack

Android

Android

Android

Android

Android

Android

SQLite

Android

Linux

Linux

Linux

Web Nginx/HAProxy Keepalived LVS Keepalived/DR DNS

Web

ZooKeeper

Linux

Python

Python

Linux

Fabric

4

IP

vlan

rip

ospf

ACL

ACL

		1800		93		50%
			604		34%	33
	1196		66%	60		244
	14%	14		4		

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		%		%	
	604	34	33	35	1/4
	1196	66	60	65	
	1800	100	93	100	
	1556	86	79	85	
	244	14	14	15	10%
	1112				50%
%	62				

		16	18	18	18
1	99000742B			/	
2	99000752B	2	36	32	4
				2/36	

		(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			

17

15

67%

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

	2		60	
		IT	40	
			20	
	3	ICT	30	
			30	

			60	
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	1000 5000
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