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1344

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1.95PB

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104

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1 104

010-84097407

zhangxl@bi.g.ac.cn

					/		
1.				56		NX5440M4	2413900
						X6800	2400000
						CX50-G20	2380000
2.				1		NF5270M4	27500
						RH2288v3	27000
						I 620-G20	28500
3.				6		NF5270M4	27500
						RH2288v3	27000
						I 620-G20	28500
4.				1		S1848G	3000
5.	IB			3		Mellanox SX6025	140000
6.				1		AS13000	1500000
						OceanStor 9000	1650000
						ParaStor2000	1500000
7.				1		AS520E	383400
						5300 v3	500000
						DS600	390000
8.				1		FS6500	133331
						SNS2248	159477
						6510	113120

" " " "

#

1 (56 )

1.				
2.		CPU	2 Intel® Xeon® Processor E5-2650v4 CPU 2.2GHz CPU 12	
3.			128GB ECC REG DDR4, 2400MH	
4.	#		300GB 1	
5.	#	HCA	56G FDR EDR Infi ni band	
6.				
7.			Wi ndows/Li nux 64bi t	
8.			I PMI 2.0 KVM Over IP	
9.			4*56Gb M+N	

2 (1 )

10.			2U	
11.	#	CPU	2 Intel Xeon E5-2620v3 2.4G 15M 6C*2	
12.	#		64GB ECC REG DDR4	
13.	#		900GB SAS 2	
14.		RAID	Raid 0 1 5 6	
15.	#	HCA	56G FDR EDR Infi ni band	
16.	#		2 1 10Gb SFP+ 16Gb FC 2 ,	
17.			Windows/Li nux 64bi t	
18.			M+N	

**3 (6 )**

19.			2U	
20.	#	CPU	2 Intel Xeon E5-2620v3 2.4G 15M 6C*2	
21.	#		64GB ECC REG DDR4	
22.	#		900GB SAS 2	
23.		RAID	Raid 0 1 5 6	

24.	#		2 10Gb FC	1 10Gb SFP+ 2	16Gb
25.			Windows/Linux 64bit		
26.			M+N		

**4**

27.	#		48 10/100/1000baseT	48	

**5**

28.	#	1	1 Infini band 36 2 IB 6x56Gb/s	100Gb/s EDR IB	
29.	#	2	2 IB	56Gb/s 36 FDR EDR Infini band IB	
30.			56Gb 20	12 IB FDR EDR	

			IB                  FDR    EDR	
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**6**

31.				
32.				
33.				
34.			I/O                          6GB/s IOPS    >=30000	
35.	#		1000	
36.				
37.			linux                          1.5PB( df -h )	

38.			PB	
39.				
40.	#		$\geq 2$	
41.	#			
42.				
43.			1.5PB $\geq 1$ $\geq 2$	
44.				
45.			1	
46.	#		CentOS7.2 Redhat7.2	
47.			infiniband	
48.	#		NFS CIFS/SMB	
49.				

50.

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52.



			1	
68.				2
69.			1	
70.	#		2 16Gb/s FC	
71.	#		FC SAN	
72.				
73.	#			
74.				
75.				
76.			7200 / SATA SAS SSD	
77.				

## 8

78.			FC SAN	
79.			24 16Gbps 24 16Gbps	8
80.			Fabric 10	
81.			HTTP Web	SSH CLI

82.			10/100 Mbps	RJ-45	
83.					

**9**

84.	#			PDU
85.	#			IB IB 12

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1.			×
2.			2 24 4 2
3.			
4.			
5.			2
6.			5

			3
7.			1  2  IB  IB  3  4
8.			1

1		15	60%	
2			90%	
3			100%	5%