

4.1

4.1.1

가




















가

4.1.2






	,
	,

	Onsite	
	KISTI , KISTI	, 가
		, 가

4.1.3

	 Case study	3 1	KISTI	
(H/W)	 / /  FE / Gigabit / SAN / Myrinet 	1.5 1.5 1.5	KISTI	
(S/W)	  EnCluster  GM (Myrinet)  OpenPBS / Maui Scheduler  OpenLDAP / PAM LDAP Module  GFS	1 1 1 1 1 1	KISTI	
	 EnCluster  GM (Myrinet)  OpenPBS / Maui Scheduler  OpenLDAP / PAM LDAP Module  FE / Gigabit / SAN / Myrinet   GFS  	1 1 1 1 1 0.5 1 1 1	KISTI	

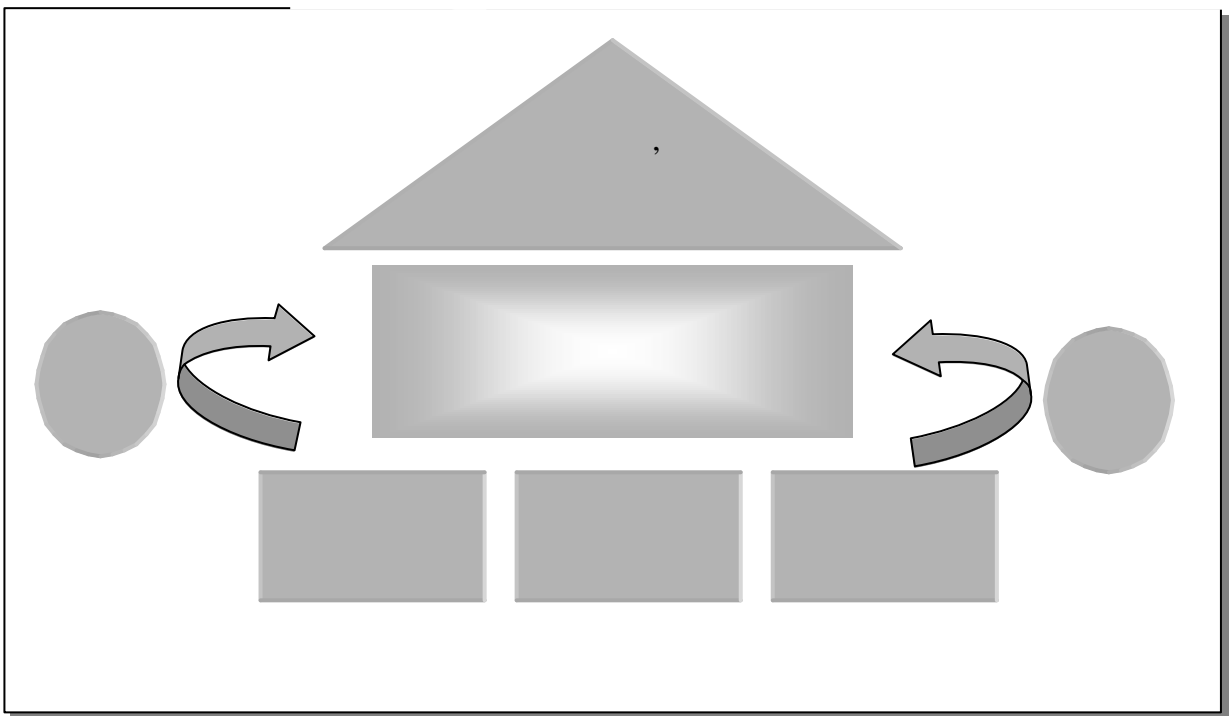
4.1.3 ()

	 	1 1	KISTI	
	   PGI	1 3 1	KISTI	

4.2

4.2.1

가



4.2.2

	1	5
()		
	48	48
()	3 / upgrade upgrade	3 / upgrade upgrade

가




가 10% .




4.2.3

4.2.3.1

Upgrade

()

 /	3
	
 ()	3

	24 가 48 가 ,
 가	48 .
 /	24 가

4.2.3

4.2.3.2



5%	
가 가	.
,	가 . ()
3 1	
24 * 7	— 1
48	



3 1	
3	
(KISTI)
가 가	
24 * 7	— 1
48	

4.2.3

4.2.4.2 ()

NIC

	5%
가 가	.
 24 * 7	— 1
48	

	5%
.	
 24 * 7	— 1
48	

4.2.4

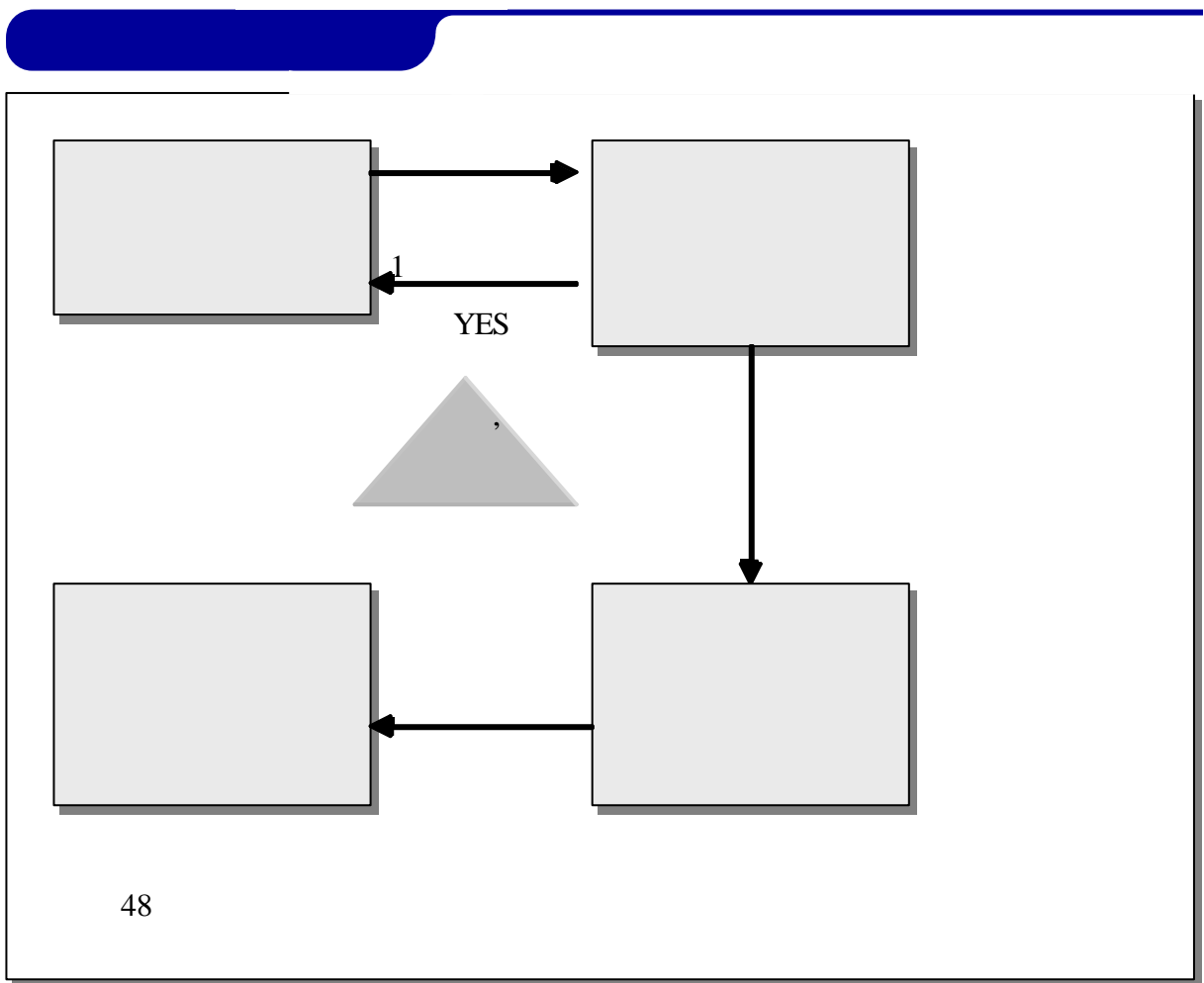
가

KISTI

1

,

.



4.3



	3



	5
	가