

: E-mail:shkim@kisti.re.kr
KISTI



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Dual Backbone , 1 , 2
OMNIS/R-5

가

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Alcatel OMNIS/R-9 / 5 Fast
Ethernet Redundancy Backbone
CISCO 4500

가

가

가

Load Balancing

2

STAR TAP

가



1999 (HOPES
: Hoseo Open System)
on-line

HOSEONet

, 2001 1

CISCO 7507

OMNIS/R-9

Alcatel
Fast Ethernet

Web

가가

,가 가 2001 2



21C

Application
Gigabit Backbone

Server



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가

가

network infra upgrade

- (가)
- ((Backbone : FastEthernet)
- (Backup system-Dual link, Dual System)
- (가)

- Layer3 Hop Count Delay
- OmniS/R Trunking , Omni-9 400M
- Backbone , CAMA/CD Ethernet Full-duplex Collision error

Cache

- BackBone FastEthernet
- workgroup Dedicated 10/100Mbps FastEthernet
- End user shared 10Mbps Dedicated 100Mbps

Alcatel OMNIS/R-9Slot 3 , 5Slot 3 , OmniSwitch 4024 20 , Omni1024, 1032 30 , 3com 30 10 Km 2500 가가 , (T3 가 , , , ,) , KORNet 10/20Mbps

SUN1000 (96 / DataBackup), GP7000(97/UNIX), SUN Enterprise 3000(98/Multimedia Server), Compaq(99,C/S Program), Compaq(99/), Dell(99/ Microsoft Homepage), SUN Ultra60(99/Fire Wall), SUN Ultra60(99/Mail/DNS), SUN Ultra60 (99/ Groupware), SUN Enterprise3500(99/ Groupware/Intranet), SUN Enterprise5500 (99/Database)