



( IBM , )



**IBM FORUM 2005**

ON DEMAND, IT'S MY BUSINESS



Question

1

가 가 /  
가 가 ,  
가 가 .

NO

Question

1

가 , 가 (RTO) 가  
가 가 .



Question

2

NO

Question

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Question

3

(BIA)

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Dual System

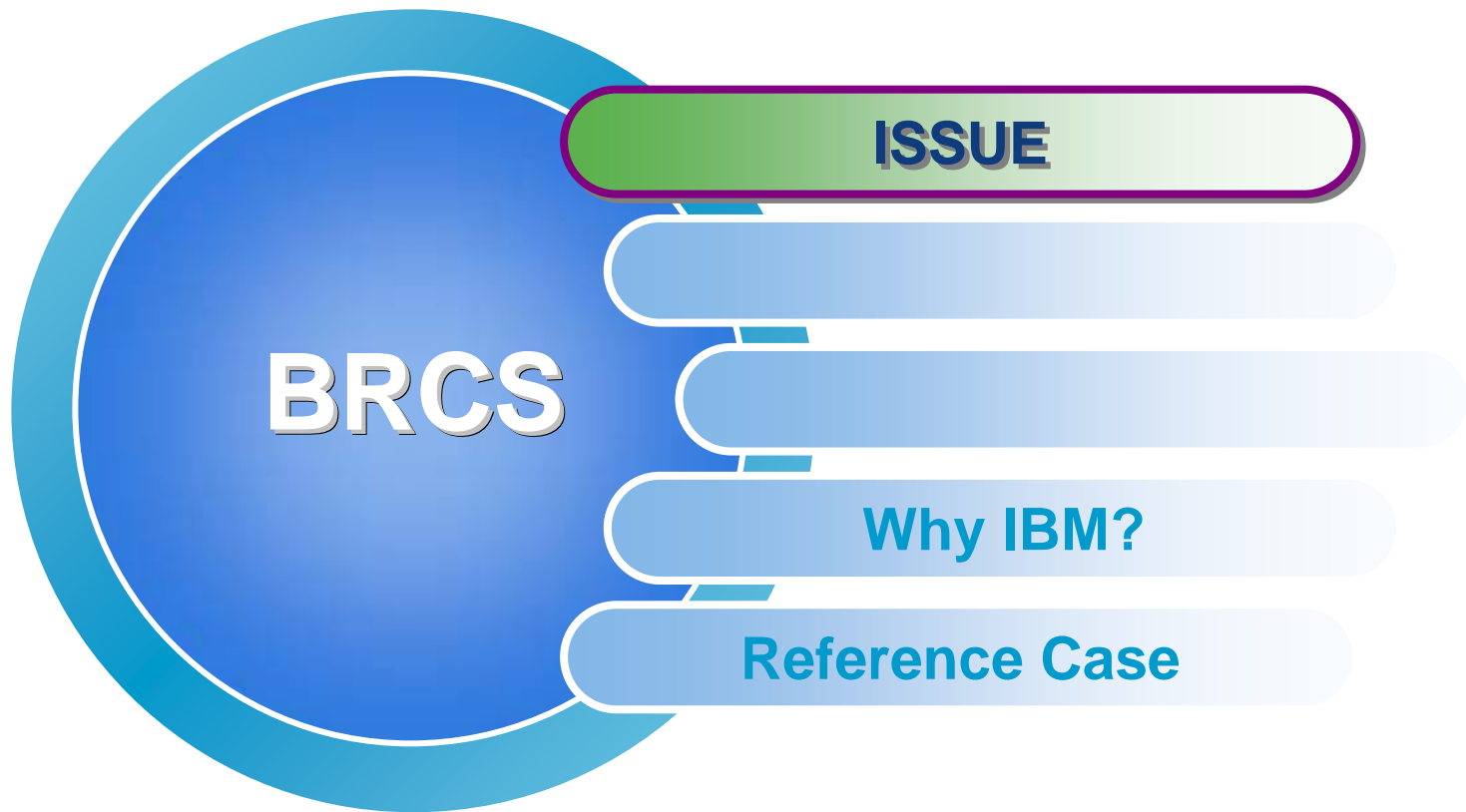
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**YES**

Question

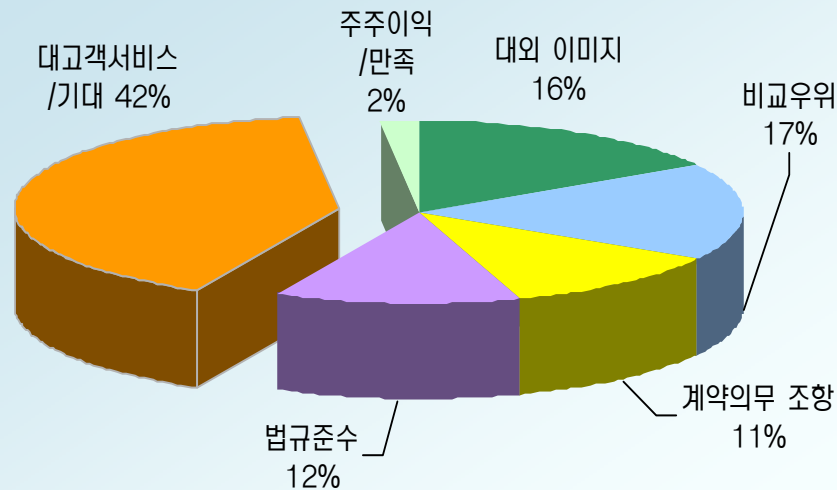
**3**

**Dual  
Compliance , .**





### Most Critical Factors to Corporate' Survival



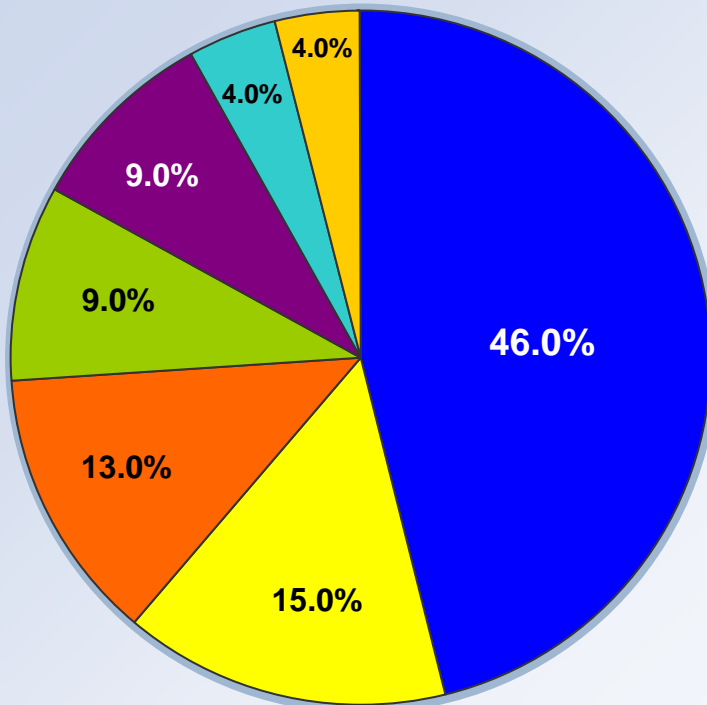
Source: Contingency Planning Management

- ➔ Immediate Response
- ➔ Brand Image Evaluation through experience
- ➔ Customer loyalty is dependent on customer satisfaction

“  
Senior VP of Electronic Brokerage Technology  
”

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Cost of downtime per hour  
for companies surveyed



Business Operation	(Average Cost per Hour)
Brokerage operations	\$6.5 million
Credit card/sales authorization.	\$2.6 million

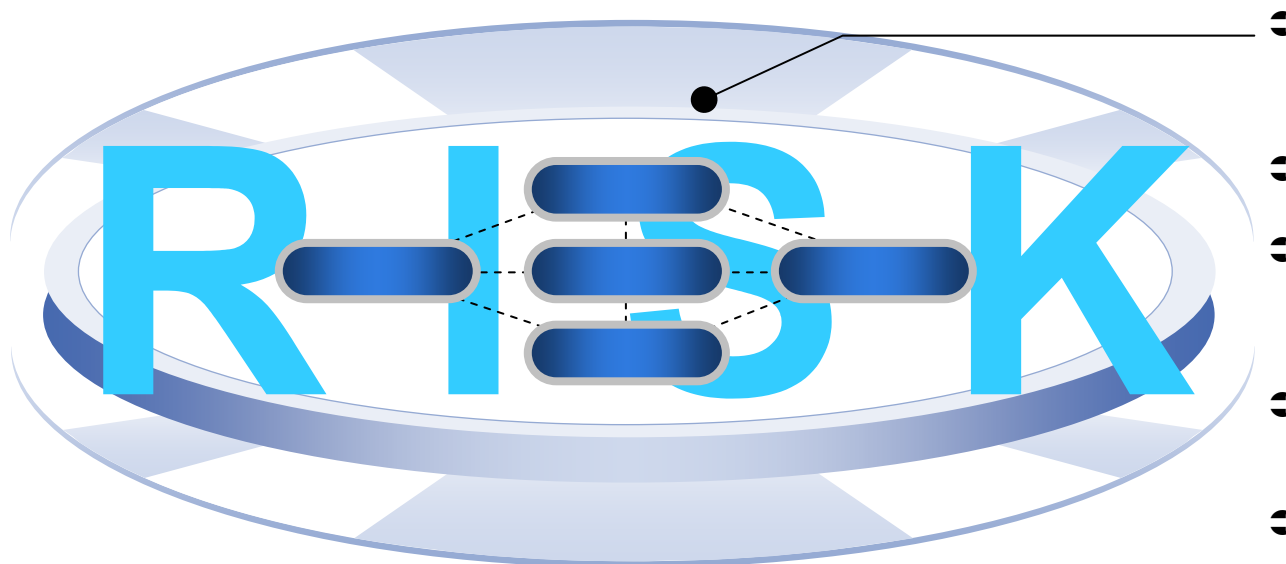
- \$50,000 or less
- \$50,000 to \$100,000
- \$100,000 to \$250,000
- \$250,000 to \$500,000
- \$500,000 to \$1,000,000
- \$1M to \$5M
- Over \$5M

*Online Survey Results: Cost of Downtime©,*  
Contingency Planning Research and Contingency  
Planning and Management Magazine, Eagle Rock  
Alliance, LTD. All Rights Reserved.

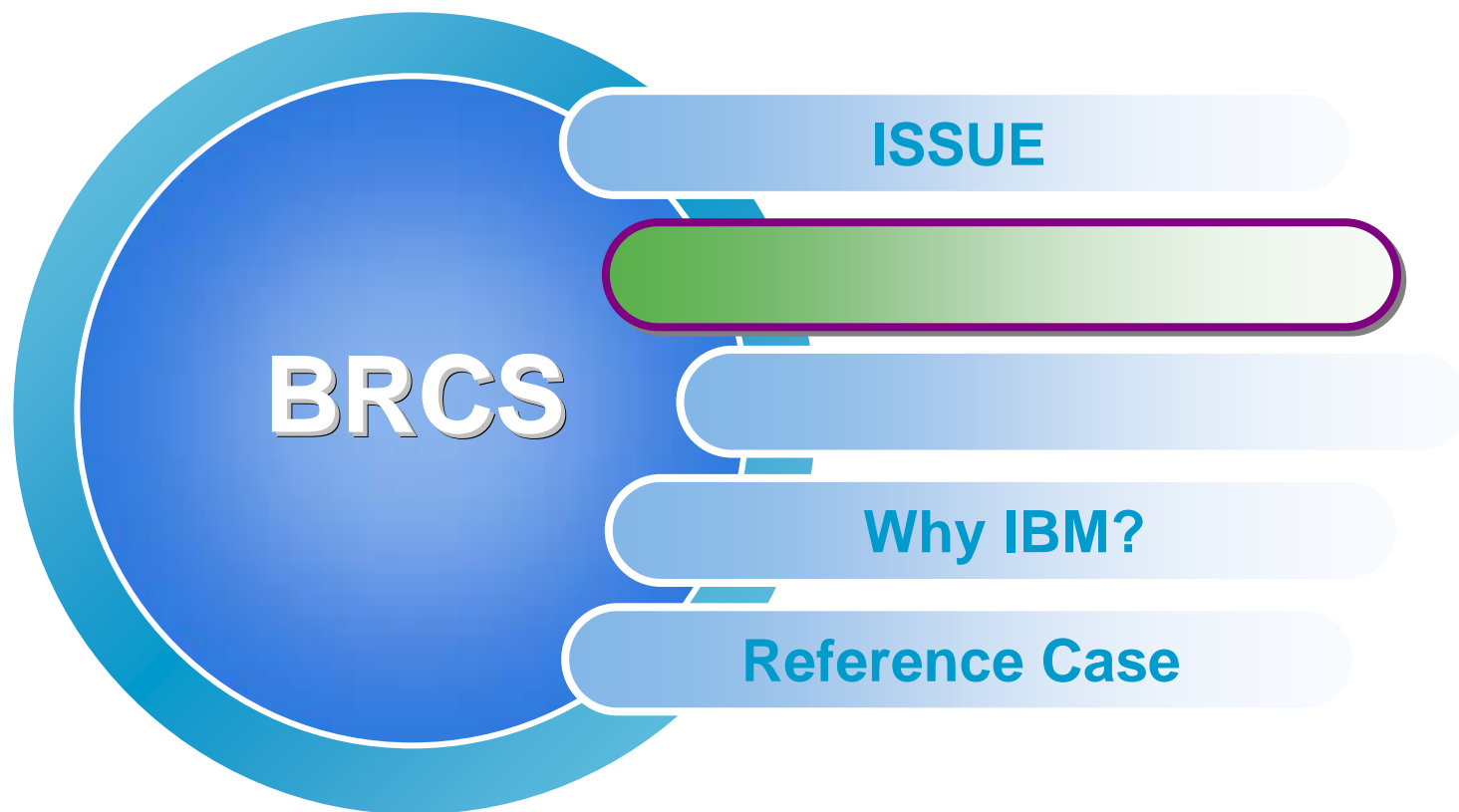
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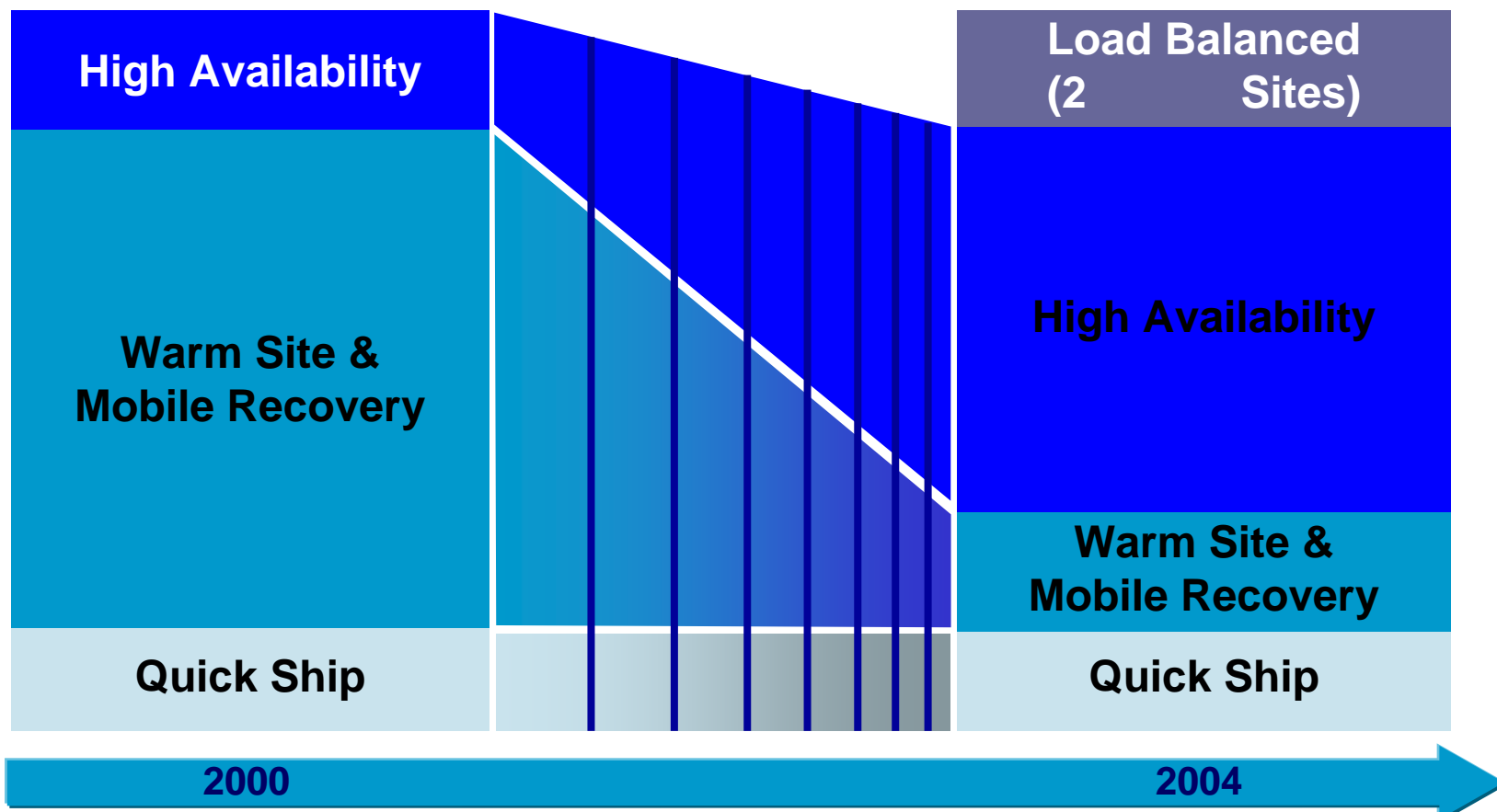
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- : IT
- : , 美

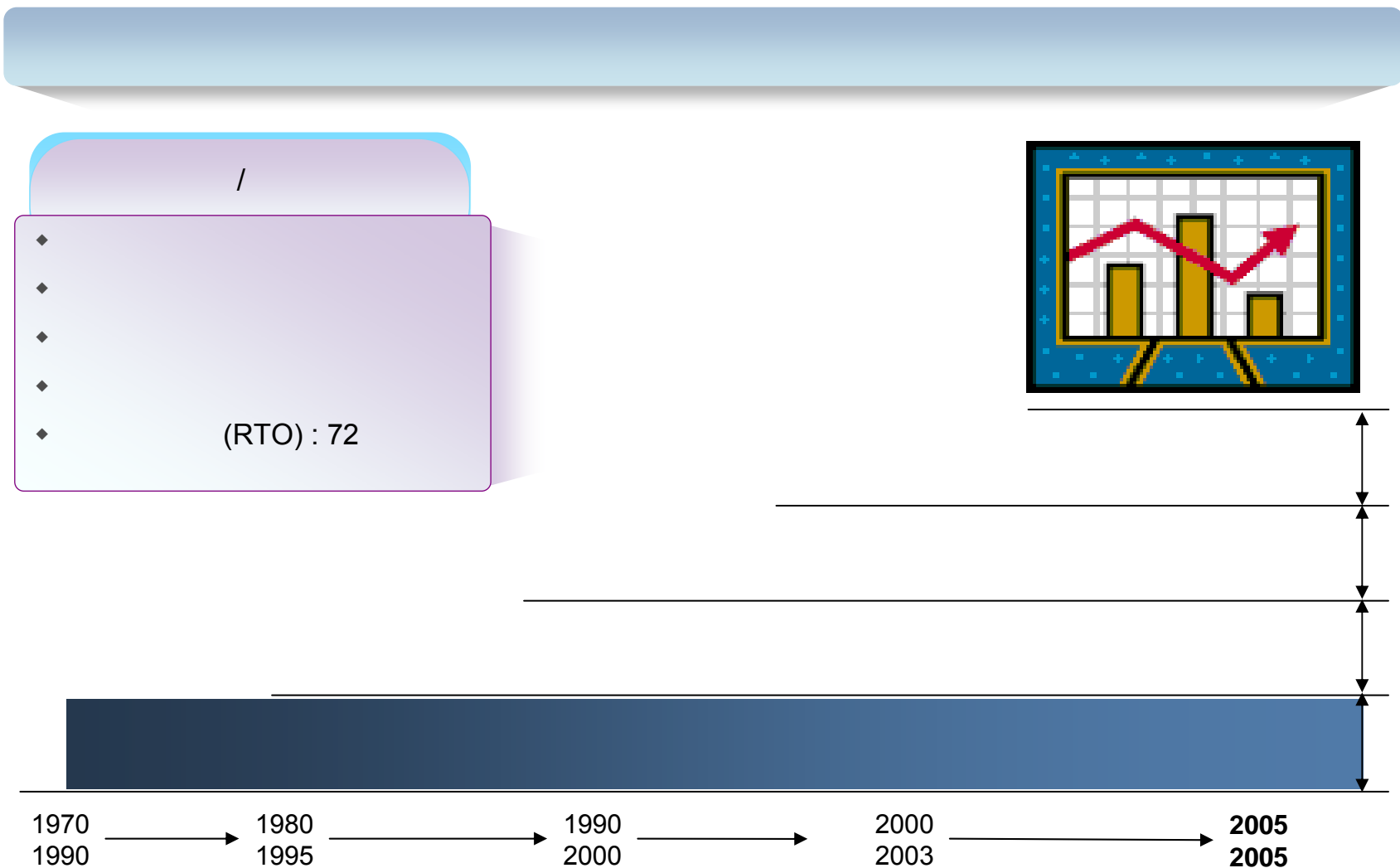


- ➡ - / /
- ➡ ( ) /
- ➡ - /
- ➡ -
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- ➡ -
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- ➡ -





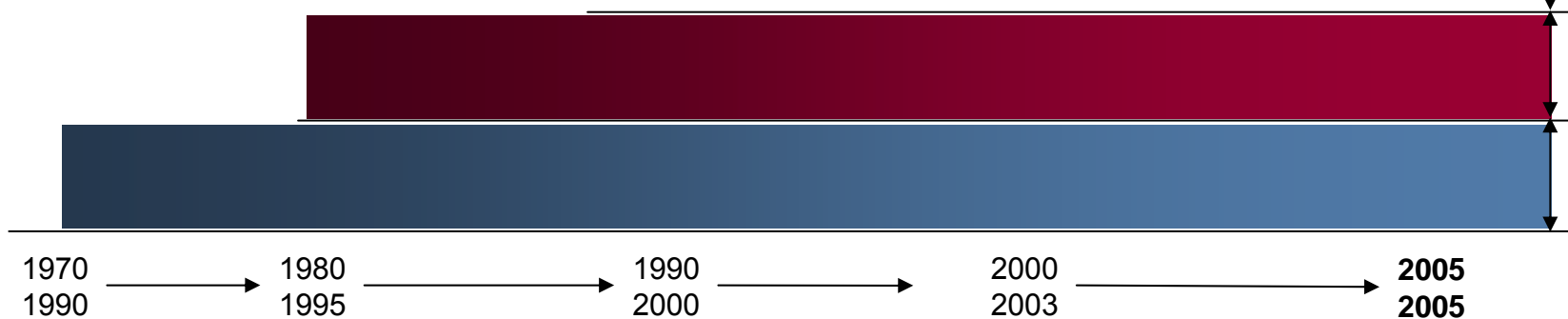
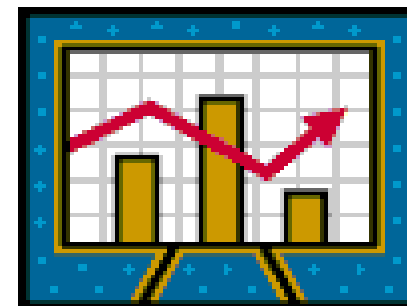
Source: Gartner Group



( Log Mirroring )

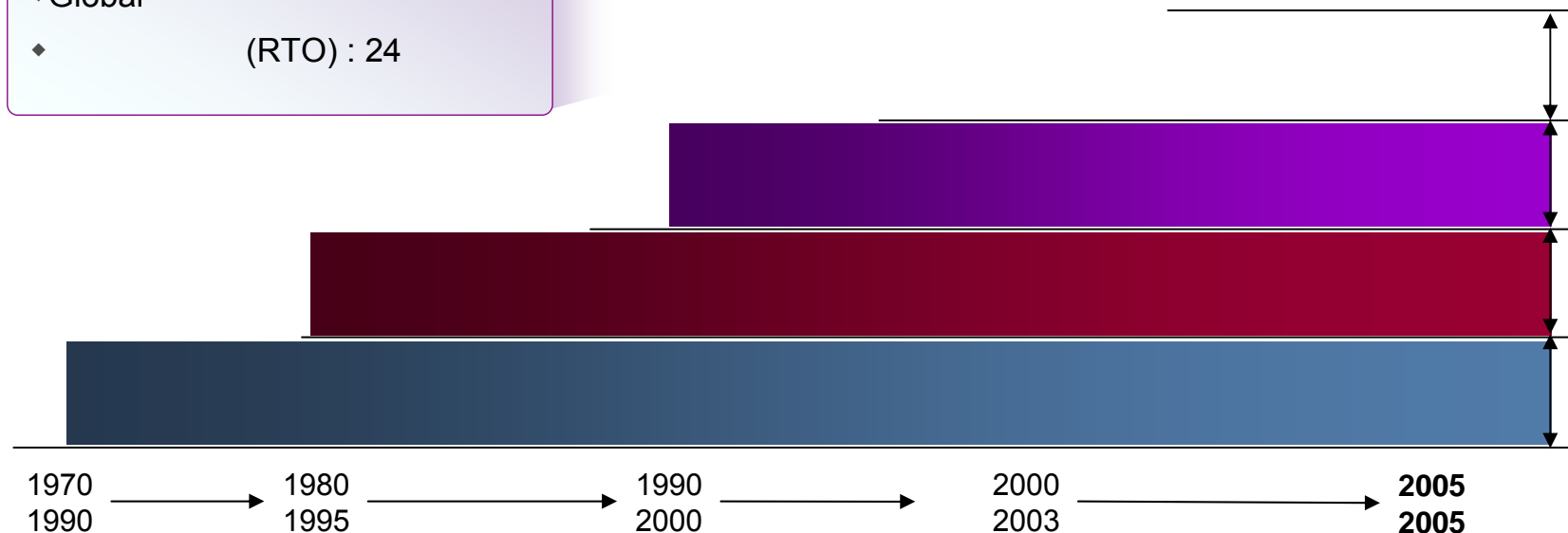
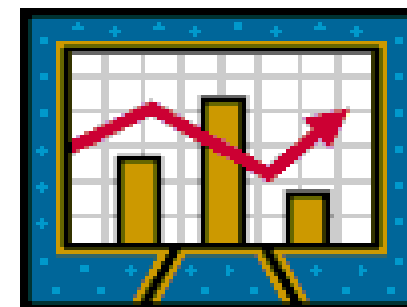
- ◆
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(RTO) : 24~72



DB  
( DB Mirroring )

- ◆
- ◆
- ◆
- ◆ Global
- ◆ (RTO) : 24





(Node Balancing Dual System)

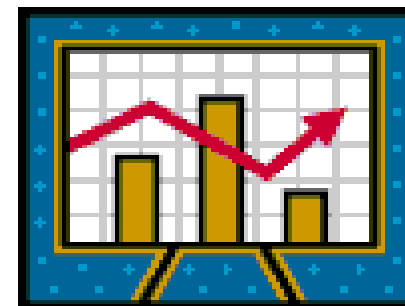
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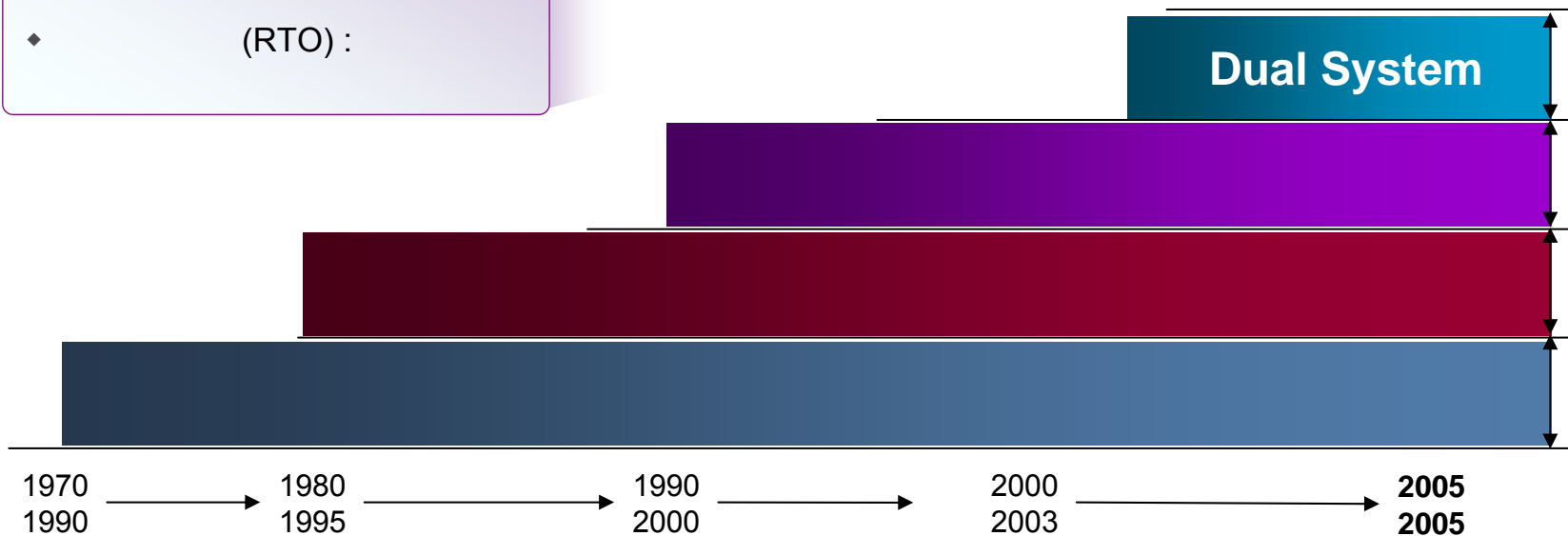
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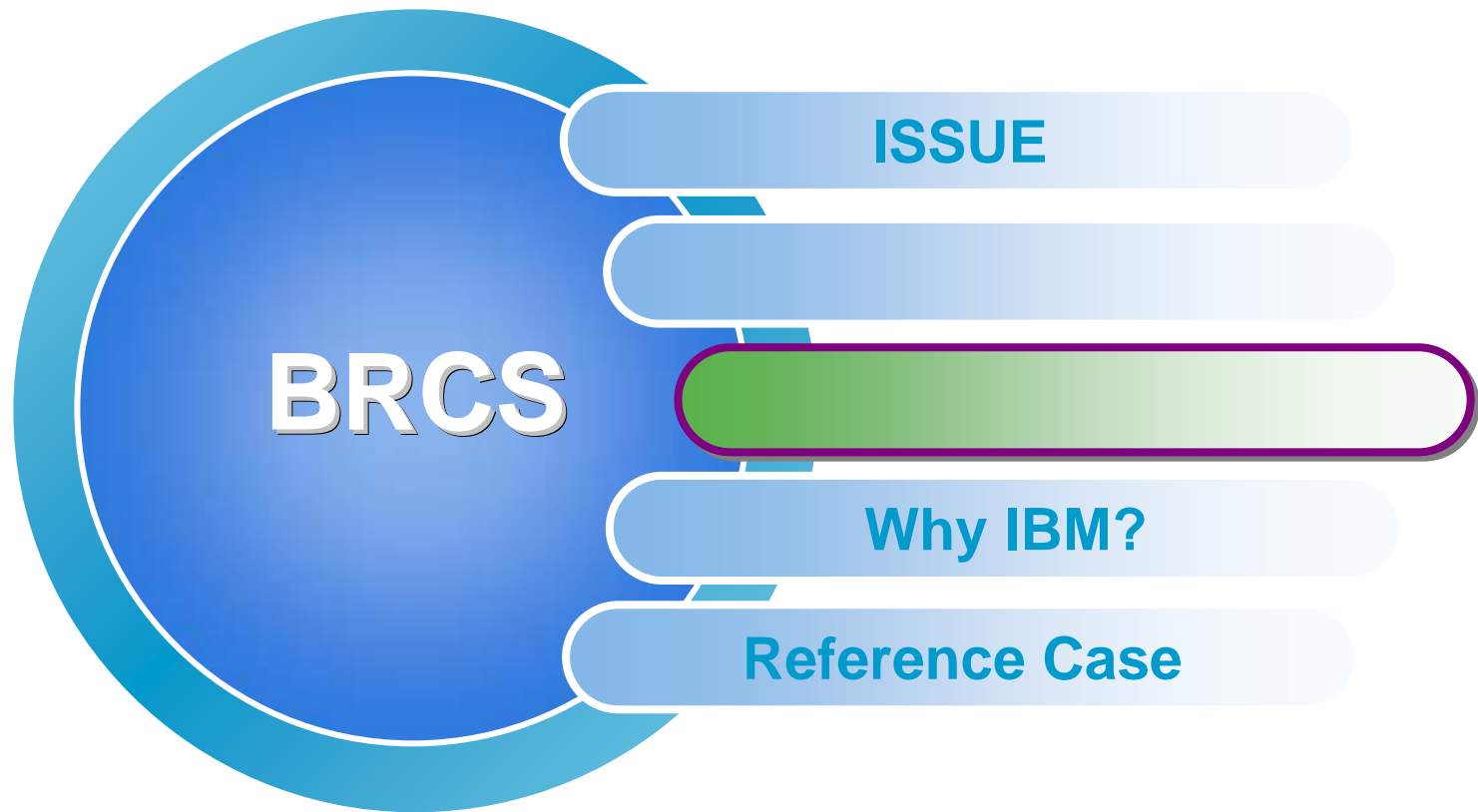
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(RTO) :



Dual System

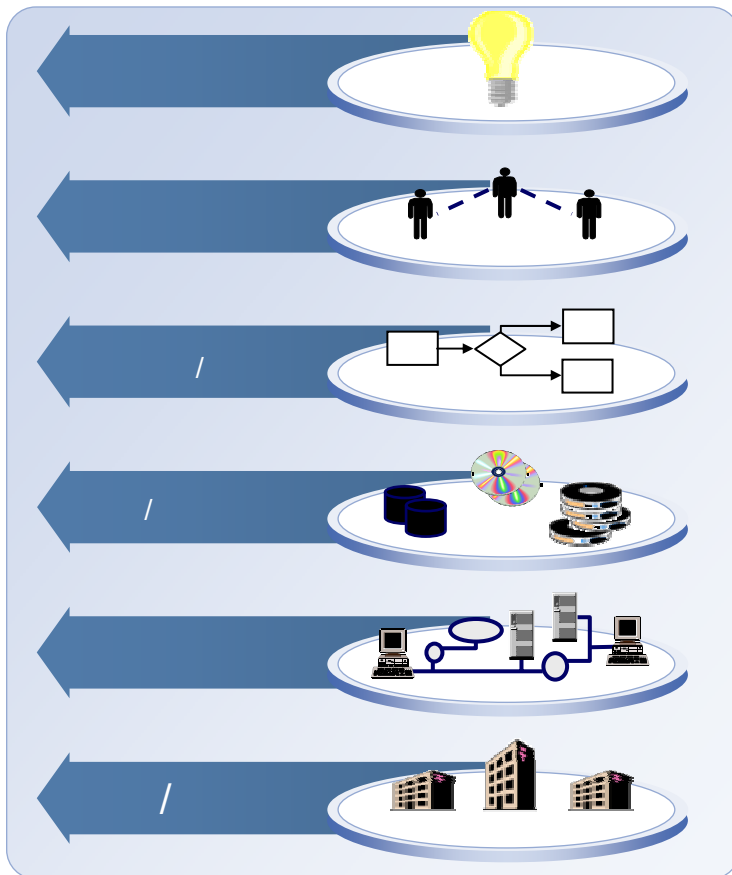




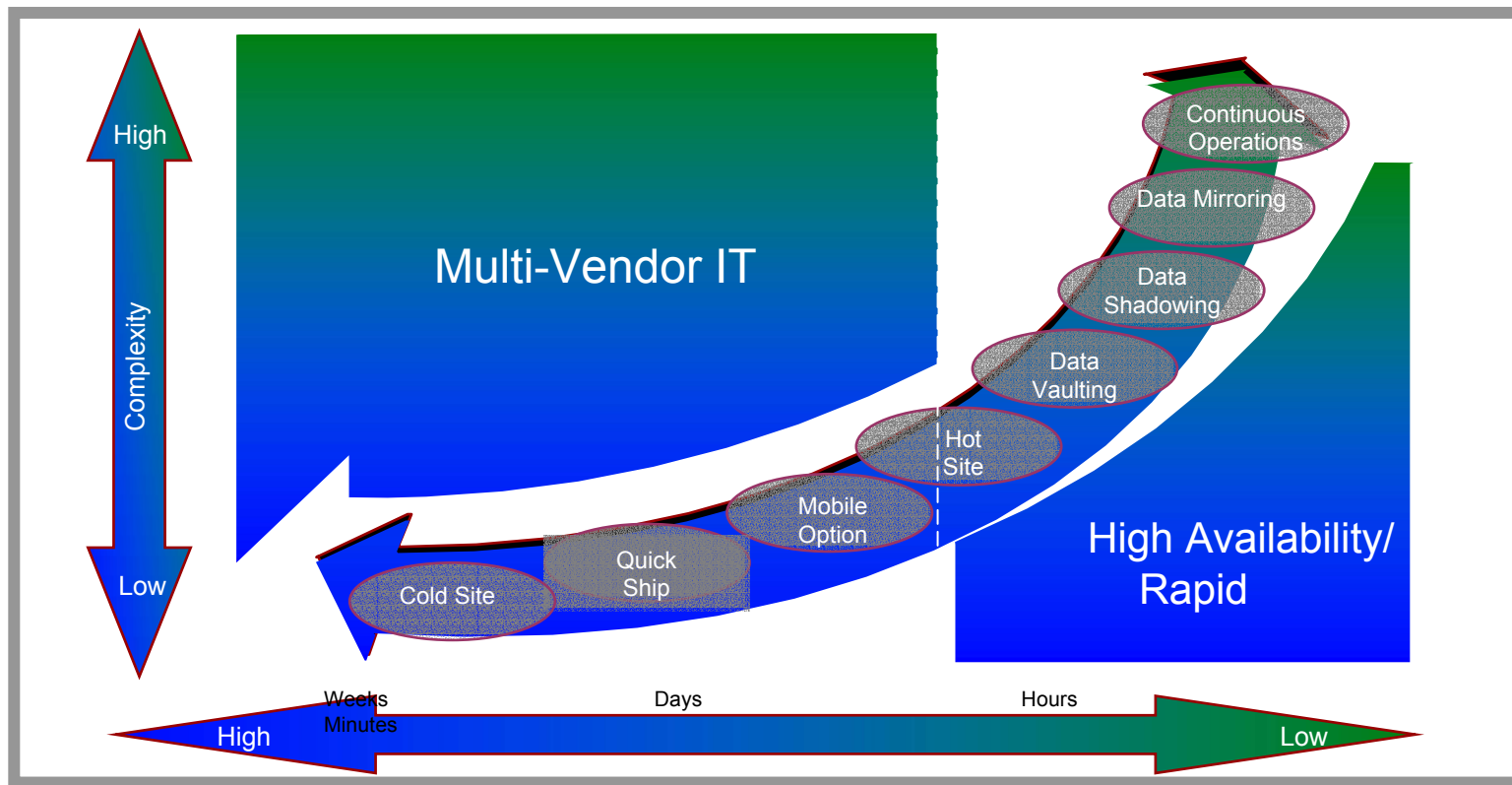
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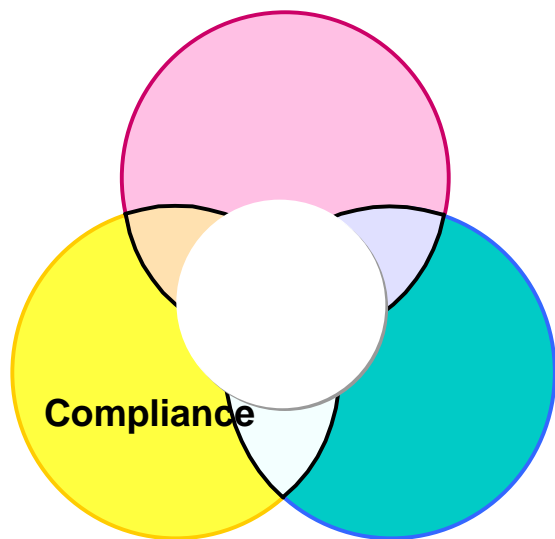
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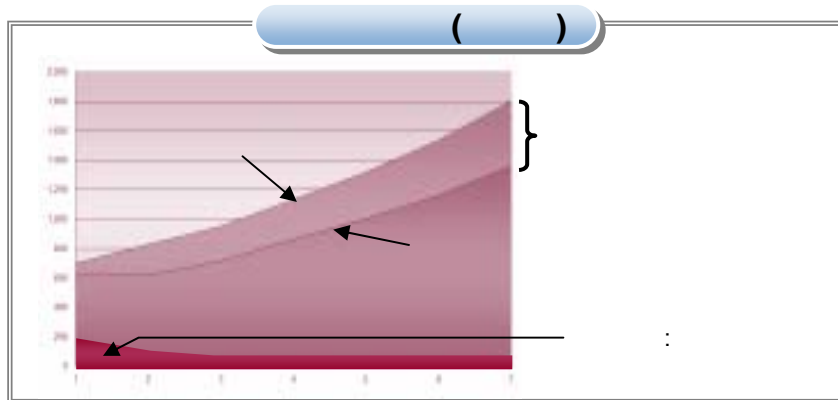
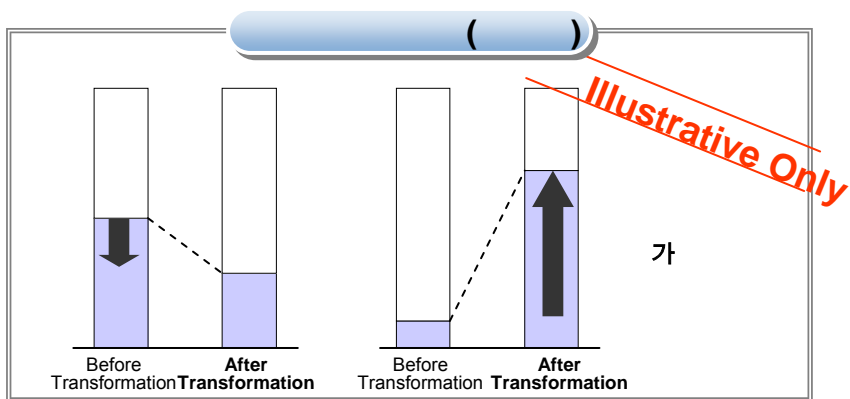
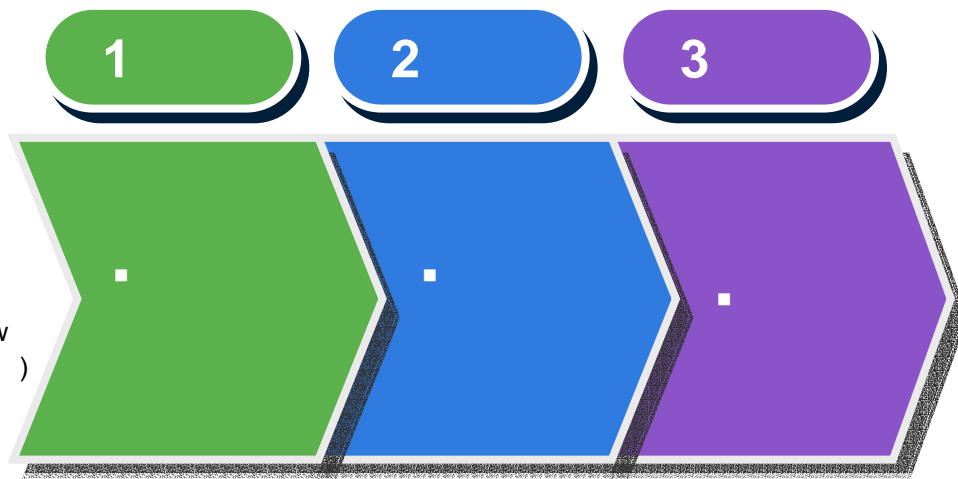
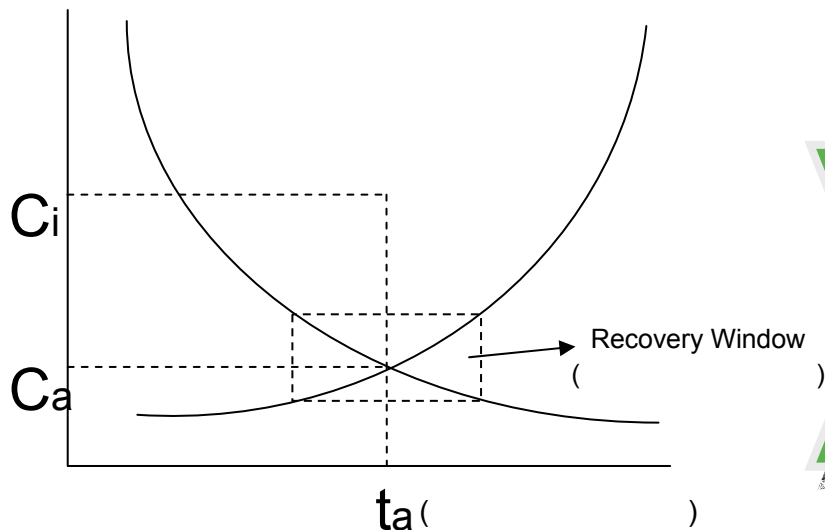
	Governance, Financial, Risk Management, Biz Continuity Strategy
	R&R, Structure, Skill, Cross-organizational cooperation
	Financial, CRM, BPR, Biz Control
/	Data Security, Storage, Appl. Architecture and design
	HW architecture, SW, Middleware, N/W
/	Safeguard access, Power protection, Physical security





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Compliance	/ ,
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# (Save)



) IBM SO

## Compliance

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### Sarbanes-Oxley Act :

- 1 : 3 가
- : 24 가

- Business continuity, risk management and appropriate internal controls for companies listed on the New York Stock Exchange. NASD has required all of its members to implement risk management and business continuity programs.

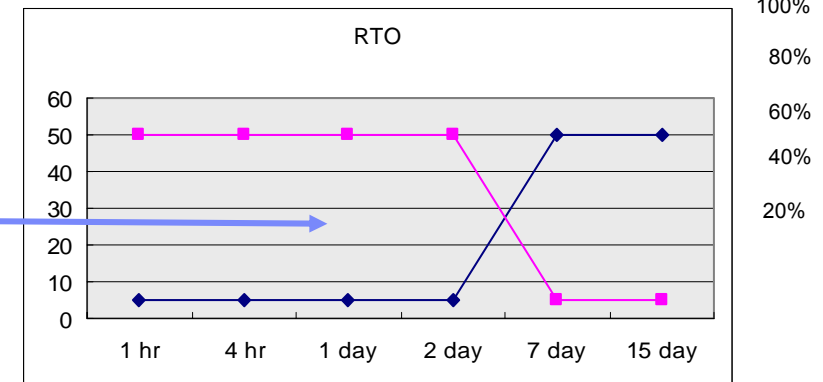
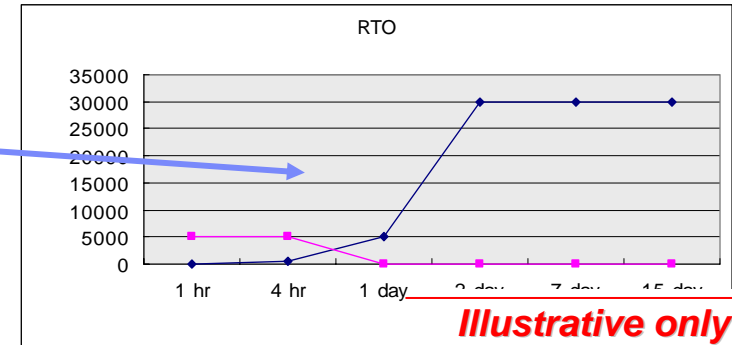
- 'Sarbanes-Oxley Act'

## Business Leveling ( )

부처	대기능	종기능	실/국	과	시스템명
국세청	국세조세관리	국가와 조세관련 거구/법정 제정 및 외국 조세기관과의 조세협약	국세조세관리관	국세정책담당관	
국세청	국세조세관리	외국인/법인 및 국제거래에 대한 세원 관리	국세조세관리관	국제세원관리담당관	
국세청	국세조세관리	외국인/외국법인 및 국내 기업의 국제거래에 대한 조사	국세조세관리관	국제조사담당관	국제통합 시스템 (ITS)
국세청	국세징수	국세 징수	납세지원국	징세과	국세통합 시스템 (ITS)
국세청	납세지원	고충민원 처리	납세지원국	납세자보호과	
국세청	납세지원	성실납세의식 제고 등 납세 홍보	납세지원국	납세지원과	국세통합 시스템 (ITS)
국세청	납세구제	국세소송 수합	법무부	법무과	국세통합 시스템 (ITS)
국세청	납세구제	심사청구사전 심리	법무부	심사과	
국세청	개인납세	부가가치세 징수를 위한 세원, 과세자료 관리 및 관련제도 운영	개인납세국	부가가치세과	국세통합 시스템 (ITS)
국세청	개인납세	소득세 징수를 위한 관련제도 운영	개인납세국	소득세과	국세통합 시스템 (ITS)
국세청	개인납세	재산세 징수를 위한 세원, 과세자료 관리 및 관련제도 운영	개인납세국	재산세과	국세통합 시스템 (ITS)

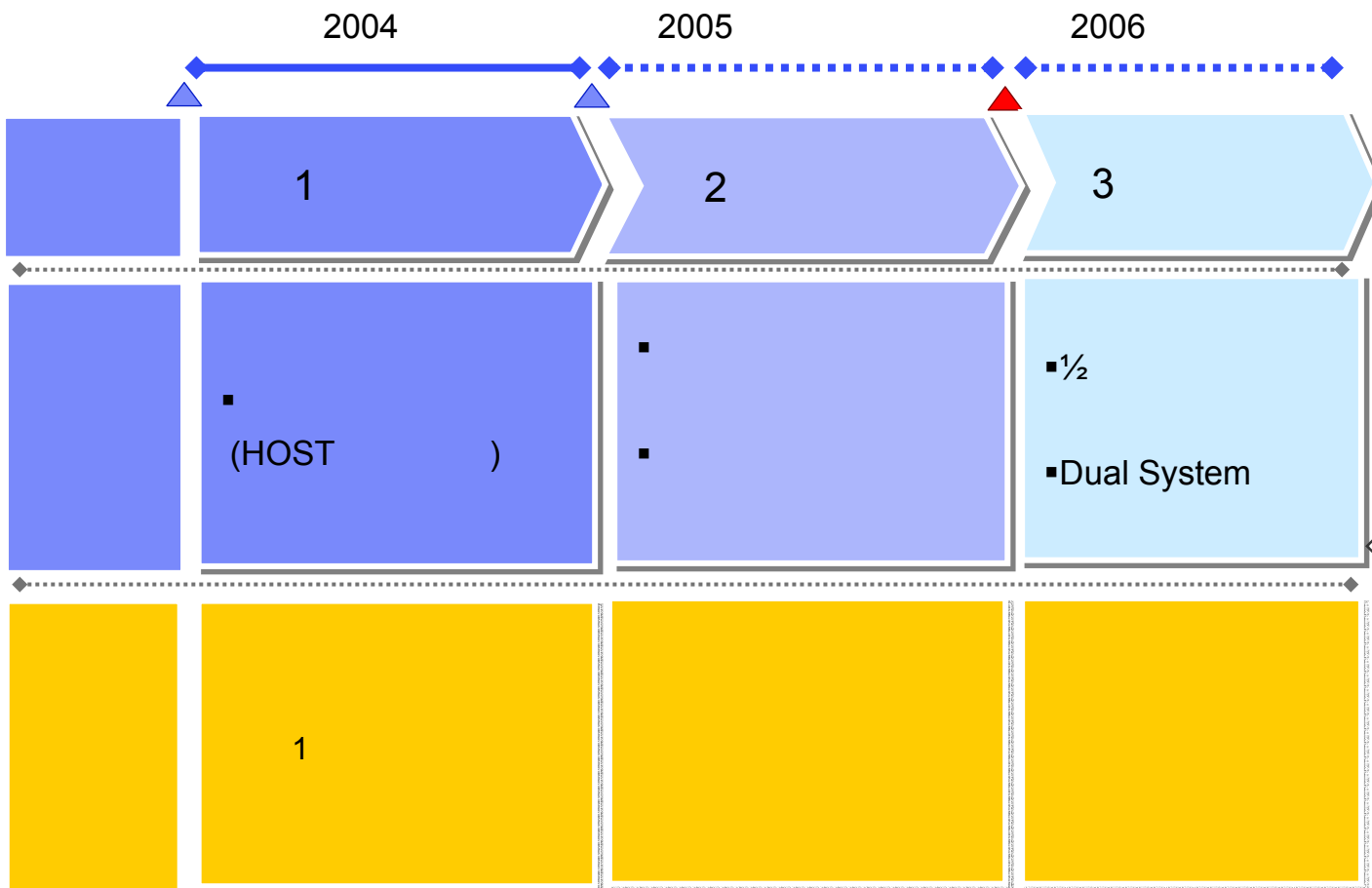
*Illustrative only*

## (BIA) ( )



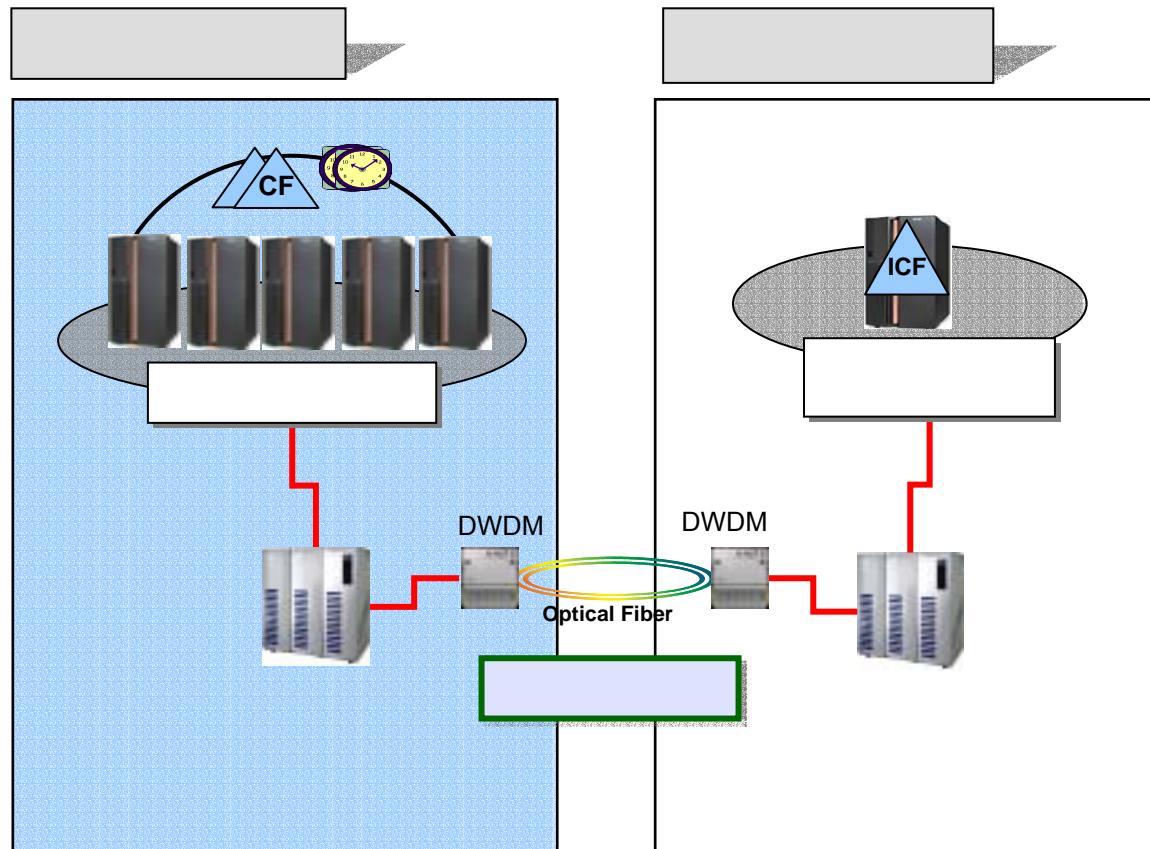
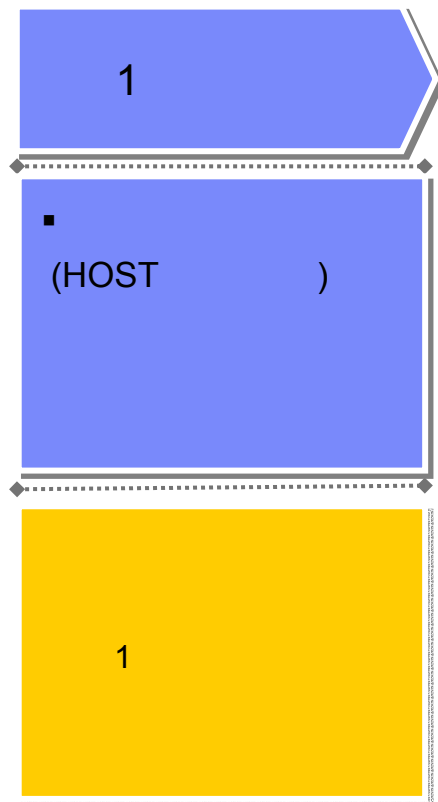


## Case Study 1:



# Case Study 1:

(1 )

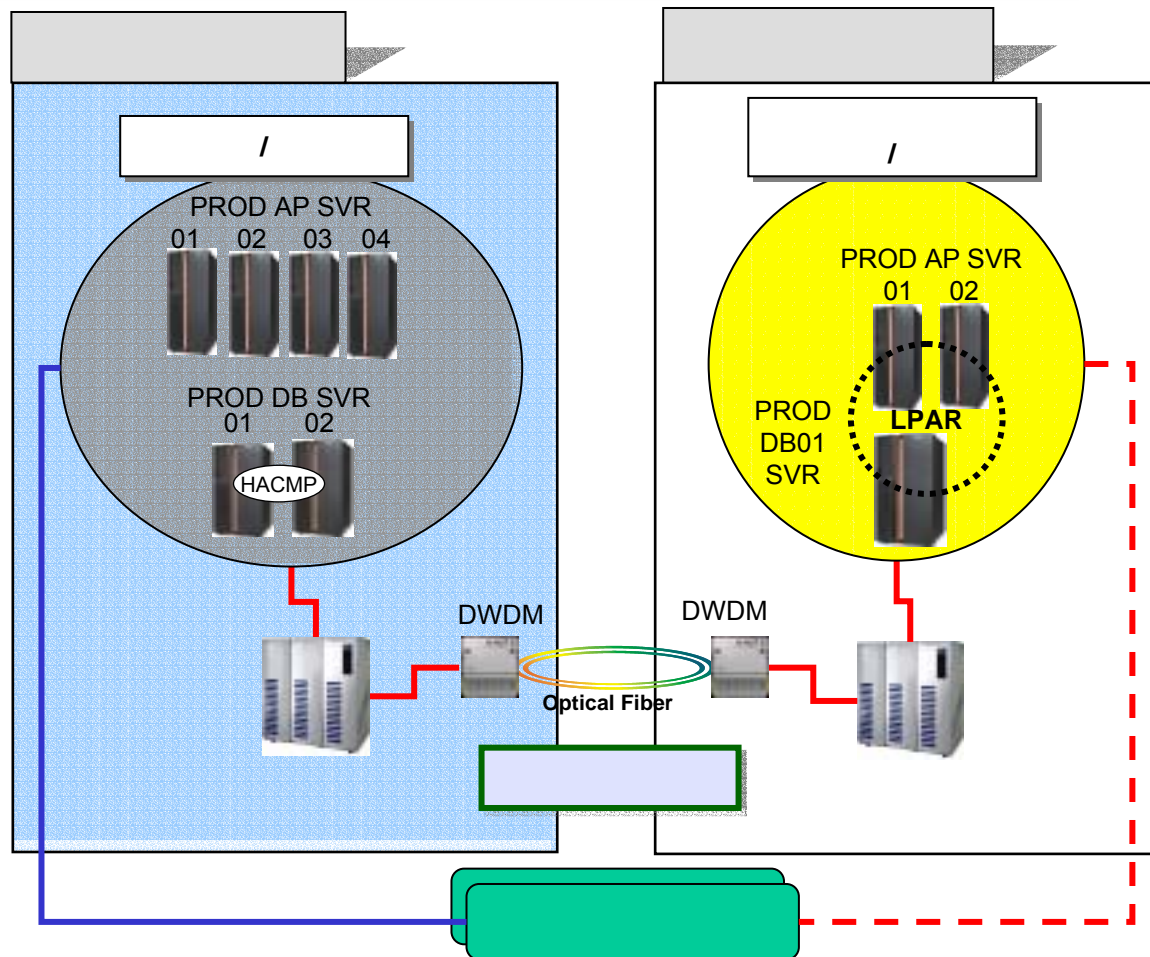


# Case Study 1:

(2 )

2

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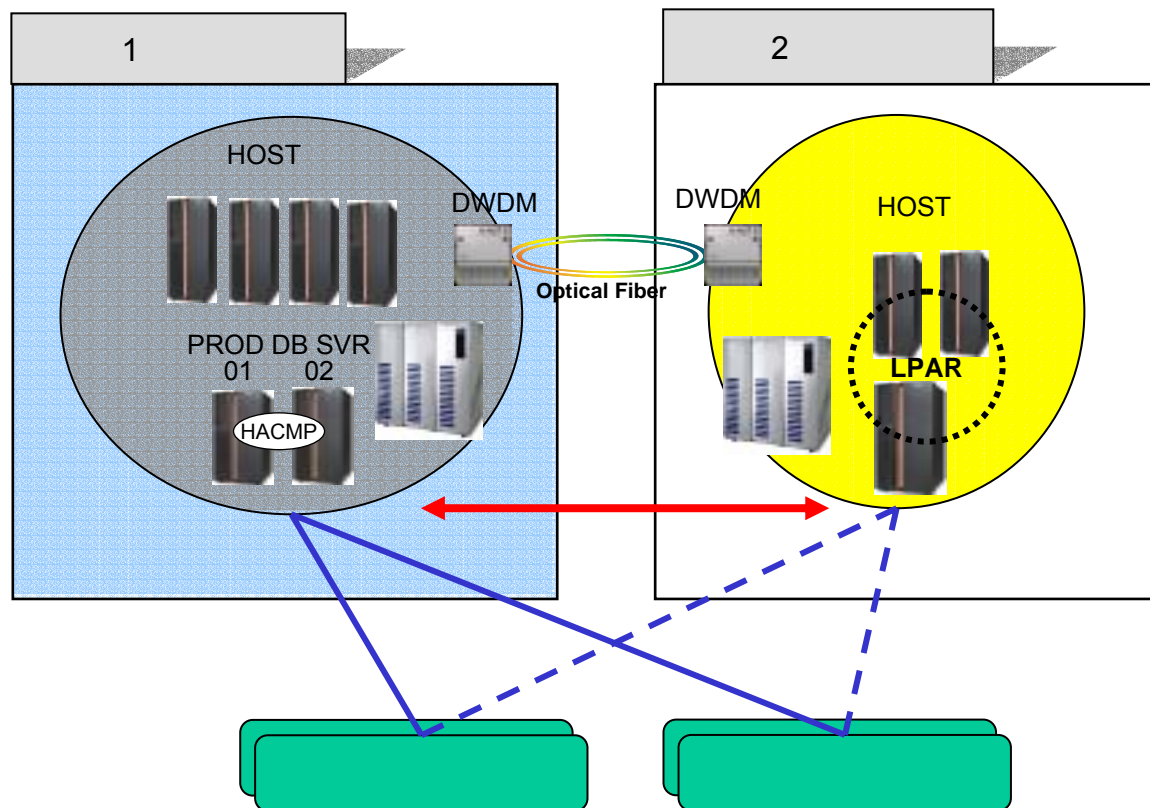


# Case Study 1:

(3 )

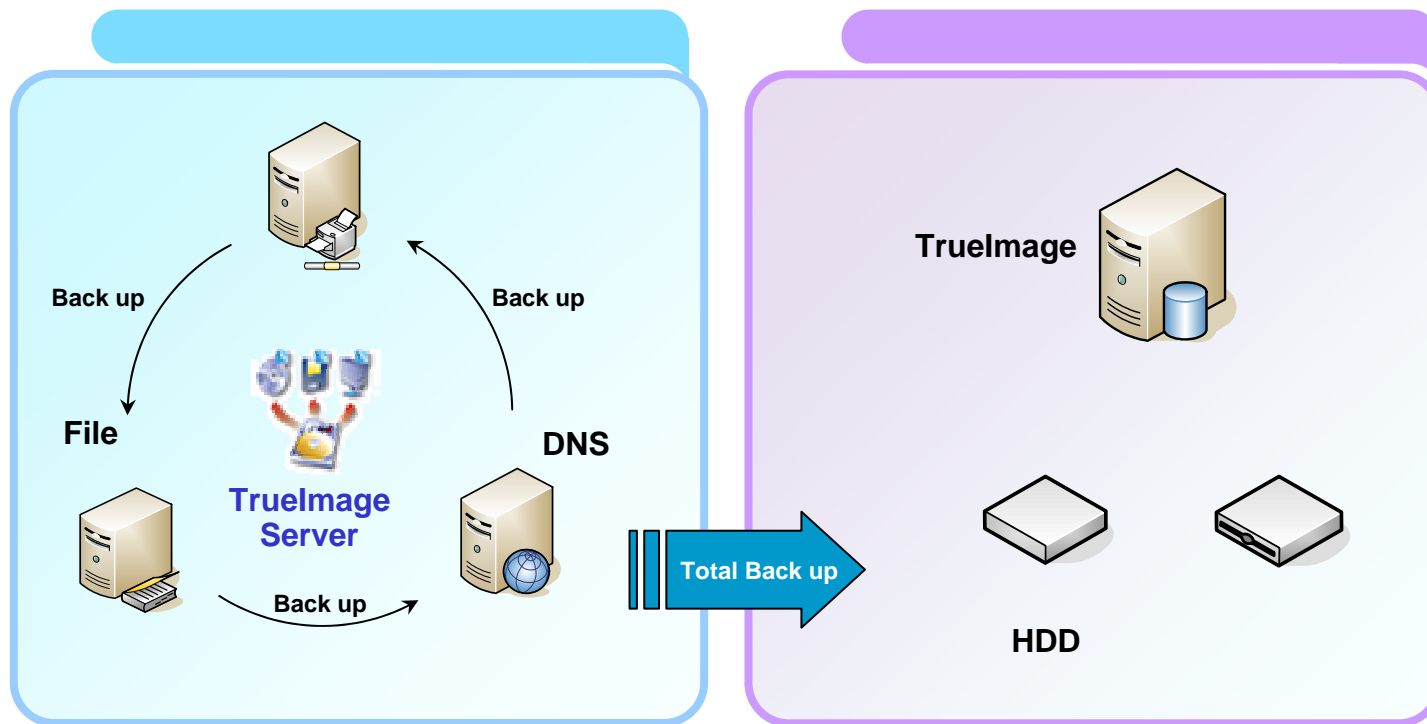
3

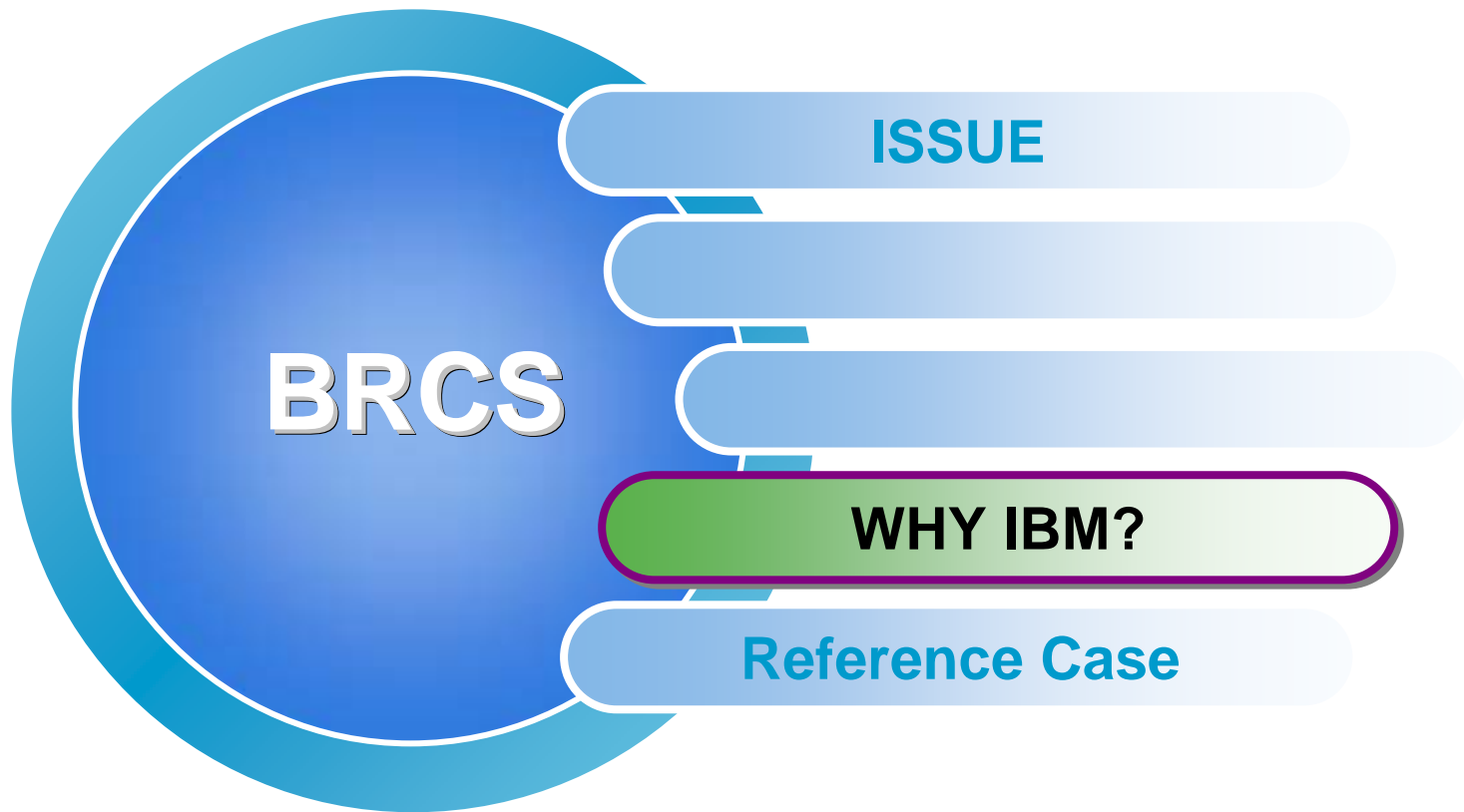
- 1/2
- Dual System

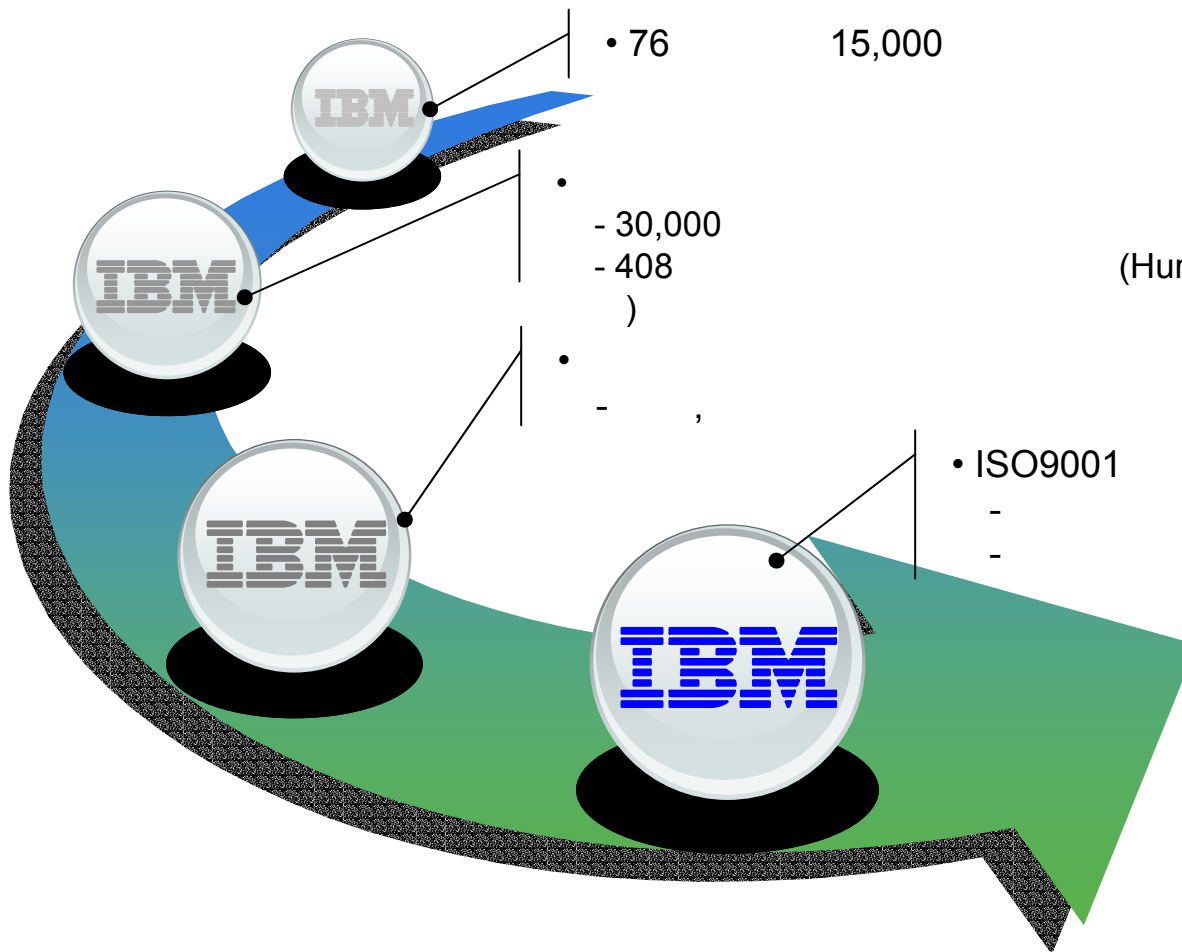


## Case Study 2:

- Crossing Back up
- TruImage HDD ( CD-RW, DVD-RW ) 3

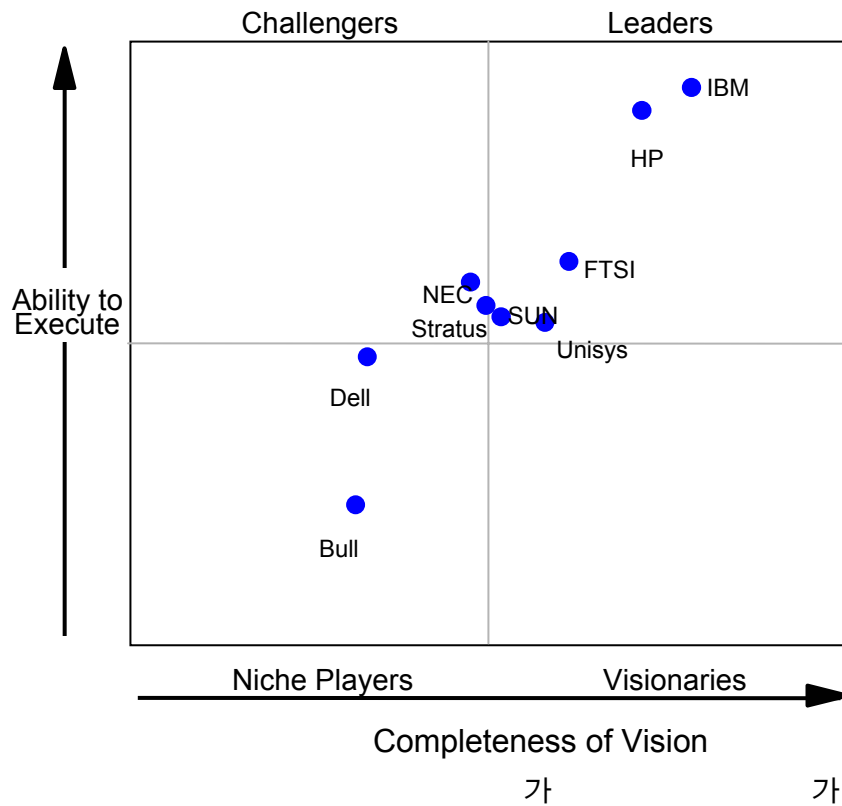






## IBM BRCS (Business Resilience & Continuity Services)

IBM



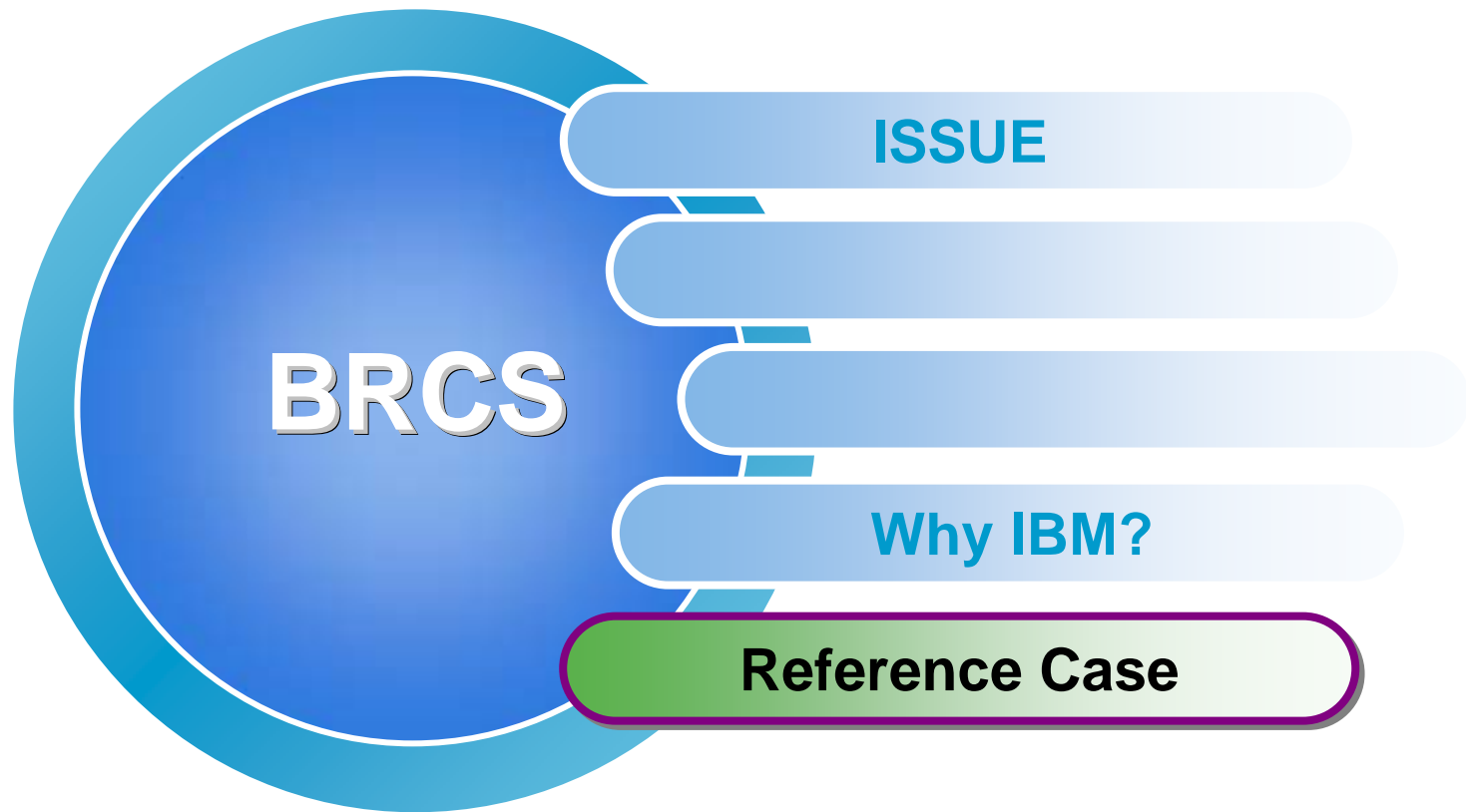
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"IBM's leadership position reflects strong results in many aspects of its vision and ability to execute. IBM has the world's largest services organization and the widest array of services dedicated to high availability, from business and IT consulting services through to directly delivered business-continuity services. IBM's history of providing high-availability services, and the maturity of the processes and technologies it uses to deliver them, make it a leader in this sphere of activity."

FTSI = Fujitsu Technology Solutions, Inc.

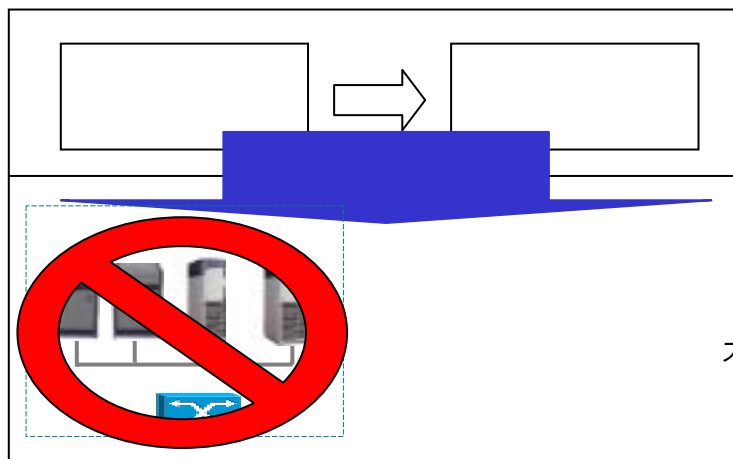
Source: Gartner Research



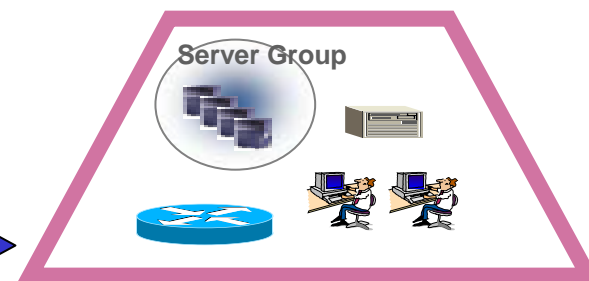


	Bank of America	Wells Fargo
	NewYork, NY	Minneapolis MN, Tucson AZ, Sacramento CA, Des Moines IA
DR	Sterlingforest, NY	Tucson, AZ
DR	50	500
	RTO: 3 hrs RPO: Disaster Occurred RCO: 3 hrs	60      30
		-
	IBM Mainframe IBM RS/6000	IBM Mainframe Open servers
DR	IBM Mainframe	IBM Mainframe Open servers
	XRC/PPRC	

◆ P社 가 IT 가 .



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**IBM**

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IBM

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