



Series VAR

High Availability Configurations

Partition A

Partition B



Photo courtesy of IBM Corporation.

powered by:



High Availability from Series VAR

Configurations

High Availability is the backbone of our System Availability portfolio of solutions and services. By working closely with Vision Solutions, we design custom availability solutions and configurations to fit your needs.

System Availability is the only proven method in the McKesson Series 2000 environment and has become the #1 choice with Series 2000 hospitals. Our solution is operational in many Series 2000 hospitals today as “Self Managed” and “Remotely Hosted.” Ask us for a reference or view customer stories on our web site.

LPAR - SINGLE SYSTEM - This technique uses only one iSeries (AS/400). Using Logical Partitioning (LPAR), the system is logically divided into two or more partitions, thus allowing mirroring to occur across the partitions as if they were separate machines.

Benefit: Redundant Series 2000 environment on low cost single iSeries system.

ONE TO ONE MIRRORING - This technique uses two iSeries (AS/400). All objects on the production system (Source) can be mirrored to the backup system (Target). The systems can be side by side or separated in different physical locations.

Benefit: Full system redundancy for Series 2000.

MULTI-SYSTEM MIRRORING - This technique uses three or more iSeries (AS/400) or two with one of the systems being partitioned. All objects on the production system (Source) can be mirrored to multiple backup systems (Targets). The systems can either be together or in separate locations.

Benefit: Series 2000 system redundancy and multi-site disaster recovery capability.

Note: This example demonstrates “One to Many” - “Many to One” can also be configured.

REMOTE HOSTING by SERIES VAR - Similar to one to one mirroring, this method utilizes the Series VAR hosting site in Atlanta, Georgia or with IBM's Business Recovery Center. Our experienced technical team will provide the target hardware, system monitoring, and emergency switching.

Benefit: Full system protection with low capital investment. Trained, certified, and highly experienced technicians managing your environment.

Contact us today to learn more about Series VAR's High Availability software and portfolio of System Availability Solutions and Services.

HIGH AVAILABILITY

Configuration Capabilities



Series VAR

	LPAR - Single System	One to One Mirroring	Multi-System Mirroring	Remote Hosting with Series VAR
<i>General Information</i>				
Number of Required Vision Suite Licenses	1	2	3+	1
Role Swap Capable	Y	Y	Y	Y+
Switchover / Fail-over Capable - seamless to end users			Y	Y
Redundant Copies of Data	Y	Y	Y	Y
<i>Reduced System Downtime</i>				
Target Side Tape Backups - Objects (pgms, profiles, outqs, msgqs, jobds, jobqs, etc.)	Y	Y	Y	Y
Target Side Tape Backups - Data Files (physical files, data areas, data queues)	Y	Y	Y	Y
System Hardware Upgrades	Y1	Y1	Y1	Y
System OS/400 Upgrades	Y1	Y1	Y1	Y
<i>Workload Distribution</i>				
Target Side Queries	Y	Y	Y	Y
<i>Disaster Recovery</i>				
System Failure Protection	Y2	Y	Y	Y
Room/Building Failure Protection		Y3	Y3	Y

Notes:

1. May not apply if the target system is significantly smaller
2. Only applies for certain failures (i.e. a power failure would knock out both partitions)
3. Only applies if the target system(s) are located in a remote location

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Steve Larkin

General Manager
slarkin@seriesvar.com

Phone: 813.926.7539

