



# Are You Saving the Right Stuff?

## A Saving Strategy

Use the chart below to plan and evaluate a strategy for backing up your system. Developing a save strategy allows you to recover information when it becomes necessary. Your business may depend on your ability to recover. To ensure you have a good backup strategy, test your recovery strategy at IBM Business Recovery Services. Call 1-800-559-9950 or visit <http://www.brs.ibm.com> for more information.

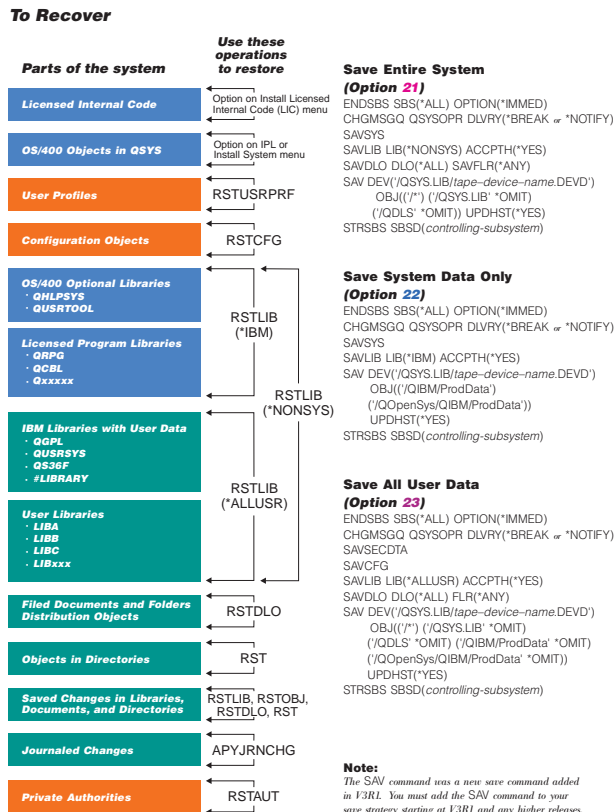
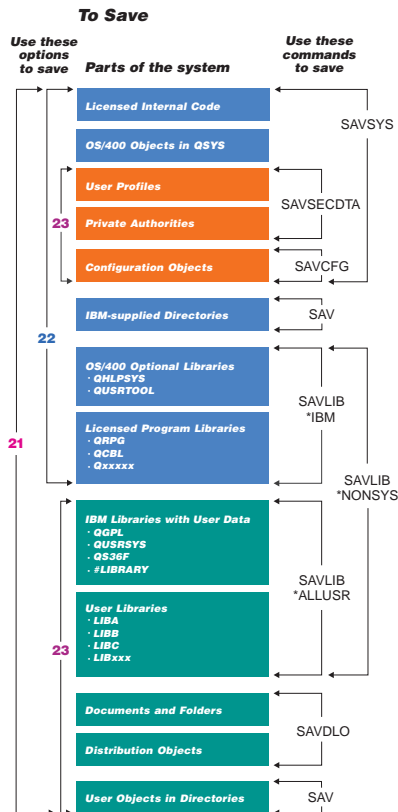
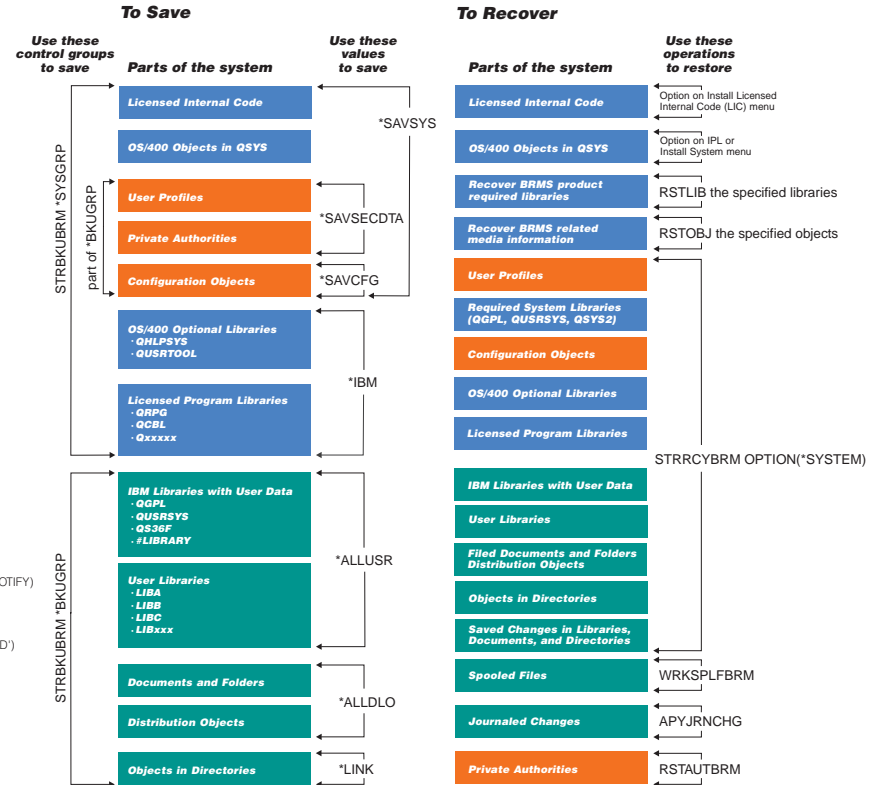
## A Saving Decision

In making decisions about your strategy for saving and data availability, you need to balance the cost of a failure with the cost of protection against a failure.

To decide how much time, effort and money a save strategy will entail, you must ask yourself a few practical questions:

- How will your business be impacted when the system is unavailable while a backup is performed?
- What is the cost of being without the system during an unplanned outage?
- How much data can you afford to lose?

## Backup Recovery and Media Services for AS/400



**Additional Hardware and Software**

**Backup Recovery and Media Services for AS/400**  
A licensed program that both simplifies and automates your backup and recovery operations as well as manages and protects your media inventory. BMS keeps track of what, when, and where you backed up your data and seamlessly integrates your automated tape library system for your business. BMS keeps BSM's backup and recovery software for the AS/400 system providing rules for a networked networked backup and recovery system. See Backup and Recovery, SC41-5304, for more information.

**Automated Tape Library Systems**  
A collection of hardware and software that stores, catalogs, and loads tapes automatically. See *Automated Tape Library Planning and Management*, SC41-5309, for more information.

**Availability and Recovery**

**Battery Power Feature**  
A hardware feature (standard on some models and optional on others) to keep the processor and internal disk units running for a short period after a power failure. The system can copy information from memory to disk, this reduces the time to perform an IPL when the power returns.

**Availability and Recovery**  
Availability of business systems has become more critical with every application piece together and understood what's involved when planning for maximum AS/400 system availability.

**Save and Restore Operations**

**Save and Restore Operations**  
Software functions that support saving information from your system and restoring it to your system or to another AS/400 business computing system. See Backup and Recovery, SC41-5304, for more information.

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**System-Managed Access-Path Protection (SMAPP)**

**System-Managed Access-Path Protection (SMAPP)**  
A software availability function that reduces the time that it takes to perform an IPL after your system ends abnormally. See Backup and Recovery, SC41-5304, for more information.

**Journal Management**

**Journal Management**  
A software recovery and system integrity function that supports the logging of changes to database files and other events that occur on a system. You can use the journal entries to recover. Journaling is a part of Journal Management, which can be used for an audit trail and for application testing. See Backup and Recovery, SC41-5304, for more information.

**Component Control**

**Component Control**  
A software recovery and data integrity function that ensures that all the resources, both local and remote, that participate in a transaction are synchronized. See Backup and Recovery, SC41-5304, for more information.

**Auxiliary Storage Pools**

**Auxiliary Storage Pools**  
A software recovery function that supports the division of your disk storage into logically separate areas, according to your availability and recovery needs. See Backup and Recovery, SC41-5304, for more information.

**Device Parity Protection**

**Device Parity Protection**  
A hardware availability function that stores redundant bits of data on disk units so that the system can recover from a disk failure without requiring you to restore from a backup in many cases, the system remains operational while a disk unit is being repaired or replaced. See Backup and Recovery, SC41-5304, for more information.

**Mirrored Protection**

**Mirrored Protection**  
A software availability function that uses redundant hardware to protect from failures associated with the disk subsystems. With mirrored protection, data is written twice, if a disk failure occurs, the second copy of the data is used in many cases, the system remains operational while disk components are repaired or replaced. See Backup and Recovery, SC41-5304, for more information.

**Dual Systems**

**Dual Systems**  
An availability approach that provides redundancy of all critical system components and data. Data is kept up to date on a backup system. Users can be switched to the backup system if the primary system becomes unusable. Several software providers have developed programs to support this approach.

**Uninterruptible Power Supply**

**Uninterruptible Power Supply**  
Configured hardware and software capabilities that keep the system running for a short period after a power loss and stop the system normally. This reduces the time to perform an IPL when the power returns. See Backup and Recovery, SC41-5304, for more information.

**Optimization for AS/400**

**Optimization for AS/400**  
A type of support that can connect multiple AS/400 business computing systems to move objects between systems quickly and efficiently. See *Optimize for* OS/400, SC41-5414, for more information.

**ObjectConnect for AS/400**

**ObjectConnect for AS/400**  
A set of CL commands for moving objects between AS/400 systems simply and efficiently. ObjectConnect is included with the operating system. You install it on the target system. See Backup and Recovery, SC41-5304, for more information.

**Services and Training**

**IBM Business Recovery Services**  
A group of consultants to help you design, set up, and manage a recovery strategy for a wide range of AS/400 hardware for testing recovery services offered by the AS/400 Availability Support Center to move data from your current configuration to new disks or a new system.

**Recovery Readiness Exam**

**Recovery Readiness Exam**  
A service offered by the AS/400 Availability Support Center to help you to determine the most cost-effective way to reduce the frequency and duration of unplanned outages.

**Data Migration Service Offering**

**Data Migration Service Offering**  
Services offered by the AS/400 Availability Support Center to help you move data from your current configuration to new disks or a new system.

**AS/400 Availability Support Center**

**AS/400 Availability Support Center**  
A group that provides consulting services, tools, and education to support business computing systems. For more information, call 1-800-IBM-4YOU (1-800-426-4968).

**OS/400 Library**

**OS/400 Library**  
A library that contains the source for programs and commands to help you with backup and recovery. See Backup and Recovery, SC41-5304, for more information.

**Ordermand for AS/400**

**Ordermand for AS/400**  
A software program to index, archive, and retrieve large volumes of data using folders or optical media. See the *Report/Car Archive and Renewal System Installation and User's Guide*, SC41-5325, for more information.

**Hierarchical Storage Management (HSM)**

**Hierarchical Storage Management (HSM)**  
Hierarchical storage management provides automatic and transparent management of data across a storage hierarchy. The hierarchy may consist of high performance disk, compressed disks or tapes, and is based on user-defined policies. For more information, refer to *Hierarchical Storage Management*, SC41-5351.

**ADSTAR Distributed Storage Manager for AS/400**

**ADSTAR Distributed Storage Manager for AS/400**  
A licensed program to protect data on your workstations and local area networks. See *ADSTAR Distributed Storage Manager General Information*, GH5-0114, for more information.

**ADSTAR Client Backup**

**ADSTAR Client Backup**  
A licensed program to protect data on your workstations and local area networks. See *ADSTAR Client Backup*, it provides a disaster recovery solution for workstations. See *ADSTAR Distributed Storage Manager General Information*, GH5-0114, for more information.

**ADSTAR Standard Storage Manager**

**ADSTAR Standard Storage Manager**  
A licensed program to protect data on your workstations and local area networks. See *ADSTAR Standard Storage Manager*, it provides a disaster recovery solution for workstations. See *ADSTAR Distributed Storage Manager General Information*, GH5-0114, for more information.

The AS/100® Family of Products



AS/400e



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