INSTALLATION

Before you begin

1) Use these instructions if you are installing a new instance of Remote Backup Organizer for i. If you are updating your existing Remote Backup Organizer instance to a new release refer to the document **"Remote Backup Organizer for i Update Instructions"** provided with the update package.

2) A permanent or temporary password is needed once Remote Backup Organizer is installed. If you have already have an instance of Remote Backup Organizer running on this or any other LPAR within this CPU, you can use its permanent password for this instance. Otherwise you will need to contact Broderick Data Systems for a temporary or permanent password. If you plan to install Remote Backup Organizer after business hours, you may wish to call Broderick Data Systems in advance to get your password.

3) If you plan to install more than one instance of Remote Backup Organizer on this LPAR, or you plan to install Remote Backup Organizer onto APSs other than the System ASP (ASP 1), refer to Appendix C, "ASP Considerations" prior to performing the install.

Prerequisites

The following hardware and system software is needed to execute Remote Backup Organizer. Please ensure that all needed system software is installed before beginning the installation.

iSeries:

+ OS/400 Version 7, Release 2, Modification 0 or greater
+ Security level 40 or less

To create encrypted files:

- Cryptographic Access Provider for IBM i (57xx-AC3)

Installation

1) Sign on as **QSECOFR**

2) Restore the install routines from the media.

Mount the media and enter one of the following:

If you are using Tape:

> **RSTOBJ OBJ(BRBIN*) SAVLIB(RMBK40) DEV(xxxxxx) VOL(*MOUNTED)
> RSTLIB(QTEMP)**

If you are using CD-ROM:

REMOTE BACKUP ORGANIZER for IBM i™

> **RSTOBJ OBJ(BRBIN*) SAVLIB(RMBK40) DEV(OPT01) VOL(BDS)**
> **RSTLIB(QTEMP) OPTFILE(RMBK40)**

If you are using a Save file:

You should have a save file containing the Remote Backup Organizer media. Verify the contents and note the library saved:

> **DSPSAVF FILE(mylib/myfile)**

The library saved should be **RMBK40**.

Restore the install objects from the save file containing library **RMBK40** into library QTEMP:

> **RSTOBJ OBJ(BRBIN*) SAVLIB(RMBK40) DEV(*SAVF) SAVF(mylib/myfile)**
> **RSTLIB(QTEMP)**

3) Execute the install procedure. Enter one of the following:

Note: If you are planning to install Remote Backup Organizer into ASPs other than the system ASP (ASP 1), refer to Appendix X, "ASP Considerations" to determine the values for the xxxASP and xxxASPDEV parameters on the following BRBINS command. Refer to the command help text for more information regarding the xxxASP and xxxASPDEV parameters.

Note: If you are planning to install Remote Backup Organizer into an IASP, verify that the IASP device's status is **AVAILABLE**. Use the command WRKCFGSTS CFGTYPE(*DEV) CFGD(your-IASP-dev).

If you are using Tape or CD-ROM (Press F4 to prompt):

> **QTEMP/BRBINS DEV(xxxxx)**

If you are using a Save file (Press F4 to prompt):

> **QTEMP/BRBINS DEV(*SAVF) PGMSAVF(mylib/myfile)**
> Enter the save file containing library **RMBK40** for mylib/myfile.

You will receive the message "Installation of Remote Backup Organizer complete". You may need to call Broderick Data Systems to activate your 30 day trial package.

4) Access the BDS Software Server (optional).

Note: Your iSeries must be connected to the Internet to perform this procedure.

a) If you have not done so previously, access the tailoring options screen:

BDSRMBK/BRBSETUP

INSTALLATION

b) Note the fields "BDS Access Userid" and "Password". You will need a user ID and password to access some of the server options. If needed, contact BDS administration to get this information. If you add your user id and password, press **ENTER** to enter them and re-enter the setup command.

c) Press F14, E-Comm. The Software Server display will appear. Take note of the options available to you. When you are finished, press F3 to exit

Planning Guide

Certain actions should be performed before saving or restoring data. The administrator should use this section as a guide when planning for the setup of **Remote Backup Organizer for i**. Setup examples are included in the appendices.

Planning involves the following major areas :

Data to be saved
+ **Determine the data (libraries, IFS directories) to be saved**
+ **Determine the frequency of saving (daily, weekly, etc.)**
+ **Determine the retention policy for each save operation**

Remote Systems
+ **Determine the remote systems that will receive backups**
+ **Determine the physical disk drives that will contain backup data**

Other Considerations
+ **Determine which users are allowed to access to Remote Systems**
+ **Disk Space available**
+ **Network speed and capacity**
+ **Impact of Hardware failures (CPU, hard drive, etc.)**
+ **Application backup windows**

Follow the steps below to set up your installation:

1) **Install Remote Backup Organizer.** Install Remote Backup Organizer on all participating IBM iSeries and Windows PC machines. Refer to the Remote Backup Organizer for Windows documentation, section Setup for more information.

If you are only saving to the Integrated File System (you will not be saving to Network Files on Remote Systems, or use BDS Personal Cloud features), you can skip to step 6, Define Save Commands. To perform **Remote Backup Organizer for i** functions that use Remote Network File or BDS Personal Cloud functions, continue with the planning steps below.

2) **Define Remote Systems.** For each IBM iSeries or Windows system running Remote Backup

Organizer, define the other participating systems as Remote Systems. For more information refer to:

- iSeries: Chapter 5, Define Remote System Specifications
- Windows PC: Setup, Define Systems and Ports

3) **Define Users.** On each Windows PC system, define the Remote System and Users (iSeries User Profiles) that are allowed to access the local machine. For more information refer to:

- iSeries: Chapter 4, Define Tailoring Options, parameter System Name
- Windows PC: Administration, Define Users

Note: As shipped from BDS, Remote Backup Organizer for Windows allows requests from all systems/all users. The administrator should consider removing the default security entry and adding specific security entries.

If you are only saving to Network Files on Remote Systems (you will not be using BDS Personal Cloud features), you can skip to step 6, Define Save Commands. To perform **Remote Backup Organizer for i** functions that use BDS Personal Cloud functions, continue with the planning steps below.

4) **Define Storage Areas and Storage Groups.** On each Windows PC system, define the Storage Areas and Storage Groups that will be used. Refer to the Remote Backup Organizer for Windows documentation, Administration, Define Local System Storage Areas and Groups for more information.

5) **Define Backup Specifications.** On each IBM iSeries system, define the Backup Specifications that will be used. Refer to Chapter 6, Define Backup Specifications for more information.

6) **Define Save Commands.** On each IBM iSeries system, define or execute the Save commands that will be used. Refer to Chapter 7, Save Operations for more information.

7) **Explore Display and Restore Commands.** On each IBM iSeries system, become familiar with **Remote Backup Organizer for i** display and restore commands. Refer to Chapter 8, Restore Operations and Chapter 9, Display Operations for more information.