

APPENDIX D: OTHER CONSIDERATIONS

Below are other areas to be considered when implementing Remote Backup Organizer for i on your iSeries.

DR/HA Replication (Mirroring) Considerations

Remote Backup Organizer for IBM i resides in the following containers:

Library BDSRMBK
IFS subdirectory /BDSRMBK

To fully replicate the product, the administrator should mirror all objects in the above containers.

Saving Remote Backup Organizer Data

The administrator should periodically save Remote Backup Organizer to external media such as tape cartridge or optical, by using IBM commands (SAVLIB, SAV). The following should be saved:

Library BDSRMBK
IFS directory /BDSRMBK

Remote Backup Organizer for IBM i does not accumulate user data on a daily basis. A small amount of data is stored as a result of administrative file maintenance (Remote System Specifications, Backup Specifications, etc.). In most cases, Library BDSRMBK needs to be saved only after administrative changes are made. IFS subdirectory /BDSRMBK only contains temporary and program data, it does not contain any user data than needs to be saved on a regular basis. The following is a recommended backup strategy:

After administrative changes:

Save Library BDSRMBK and IFS directory /BDSRMBK to save files.

Every month or quarter:

Save Library BDSRMBK and IFS directory /BDSRMBK during a Save All (option 21) operation.

Deleting Temporary Work Files

Remote Backup Organizer creates temporary work areas, and deletes them at when no longer needed. In some circumstances the work areas do not get deleted and must be deleted manually. If no Remote Backup Organizer tasks are active, the following objects can be deleted if they are present:

REMOTE BACKUP ORGANIZER for IBM i™

- Files in IFS directory /BDSRMBK/tmp/
- Files BRBOnnnnnn* (O as in Oscar) in library BDSRMBK
- User Spaces BRBSnnnnnn* in library BDSRMBK
- User Spaces BRBRnnnnnn* in library BDSRMBK

In the above examples, nnnnnn represents 6 decimal digits. If you wish to delete these objects automatically (i.e. in your startup CL program), instead of specifying a simple generic name (i.e. BRBO*), we recommend you delete them as follows:

```
DLTF BDSRMBK/BRBO1*
MONMSG CPF0000
DLTF BDSRMBK/BRBO2*
MONMSG CPF0000
...
DLTF BDSRMBK/BRBO9*
MONMSG CPF0000
```

Use the same strategy with BRBSnnnnnn and BRBRnnnnnn.

Operational Considerations

Below are issues the user should consider when using **Remote Backup Organizer for i** functions:

Base Command Differences. The following functions will behave differently than their corresponding base commands:

- Multiple Libraries, locking differences. IBM base save commands allow multiple libraries to be specified, but the IBM APIs only one library. Remote Backup Organizer issues multiple API calls to the API to save or restore multiple libraries. The locking and unlocking of libraries is done at different times due to this difference.
- **Command Parameter Differences.** The following parameters are not supported by **Remote Backup Organizer for i**, or have limitations or differences:
 - **OUTPUT, OUTFILE, OUTMBR, INFTYPE:** These parameters are used internally and are not available to the user.
 - **LIB, SAVLIB:** Generic library names (LIB1*) and special values (*NONSYS, *ALLUSR) are not supported.
 - **CLEAR:** Only values *NONE and *REPLACE are supported.
 - Media-dependent parameters: parameters such as **DEV** (Device), **VOL** (Volume) are not supported.