

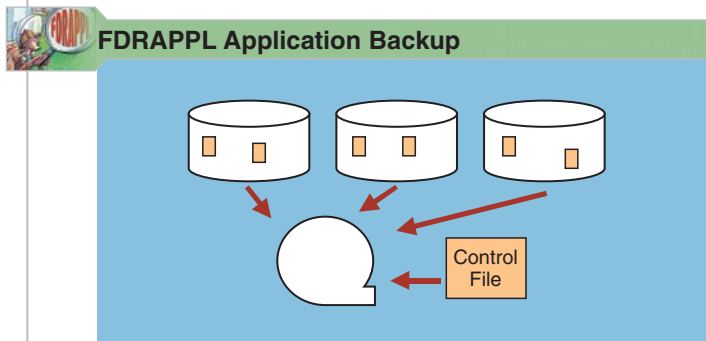
FDRAPPL

APPLICATION BACKUP & RESTORE

z/OS Storage Management



Although many companies continue to utilize Volume-based backup systems as their main backup processes, many are also now looking towards using “application backups” as a way to meet some of their more specialized backup requirements. The flexible nature of application backups means that they can be taken at more frequent intervals than their “full volume” counter parts, and the retention/expiration of application backups can be varied; either shorter or longer than the regular full backups.



FDRAPPL Application Backup is a managed, automated, and highly flexible system designed to backup all of the data sets belonging to a single application, regardless of where, and on which volume(s), those data sets reside.

This allows the application’s data sets to be backed up independently of any other data sets on the same volume(s). This will reduce the amount of time

required to secure all of the datasets belonging to the targeted application, and may also reduce the amount of time that the application must remain quiesced for the backups to complete.



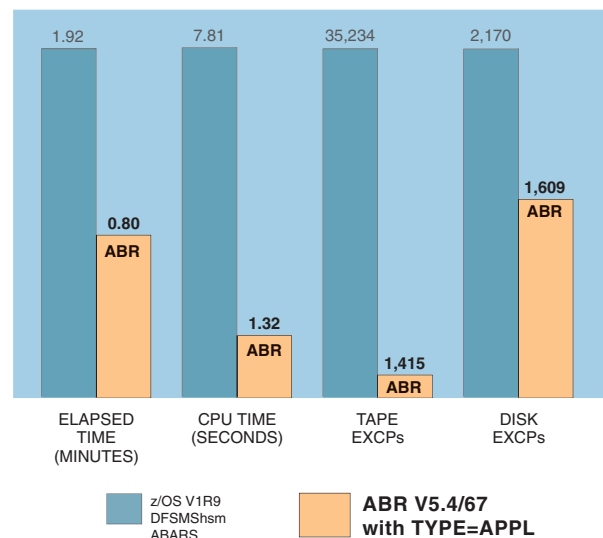
Key Benefits

- Reduce application downtime by backing up only the required data sets.
- Flexible scheduling – run your backups before and/or after the application has run, or even include them within the application workflow.
- Variable retention and expiration – keep your application backups for shorter (or longer) than your regular volume-based backups.
- Flexible restores – restore the whole application, or individual data sets.
- Prioritized restores – prioritize the recovery of your data in an emergency by restoring critical applications ahead of less critical ones.



Performance

FDRAPPL consistently outperforms competing products, as illustrated in this recent test where FDRAPPL took less than half the elapsed time compared to DFSMShsm’s ABARS.



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Flexible Data Set Selection

On an FDRAPPL backup, the z/OS catalogs are searched to locate the requested data sets, often with a simple name mask (e.g. CATDSN=PAYROLL.**).

A record of each data set backed up is then recorded in a special control file, which can be optionally copied to the end of the backup tape for full disaster recovery protection.

Managed Backups, Flexible Restores

FDRAPPL backups are fully “managed”. They can be recorded, tracked, and eventually expired through an automated mechanism.

From these managed backups, either the whole application or individual data sets can be restored.

- **Recreating the entire application...**

The entire application can be restored with just a single control statement (ALLDSN).

- **Restoring individual data sets...**

One or more individual data sets can be restored, either from their most recent copy, or from an older backup.

The FDRAPPL application backup system is the ideal tool, to either complement your existing volume-based backup scheme, or to provide additional specialized backups for individual applications. Either way, these application backups can then be used to provide both home-site restores and Disaster Recovery protection.

Related Modules

The following modules within the FDR FAMILY can be used alongside the FDRAPPL Application Backup system to provide additional performance and functionality:

- **FDRCRYPT**

Protect your FDRAPPL backups against unauthorized access by encrypting the backup data. You can also use FDRCRYPT to encrypt any sequential backups that you create with IDCAMS.

- **FDREPORT & FDRVIEWS**

These reporting tools can be useful when trying to identify and monitor all of the data sets belonging to a single application.

User Quotes

“FDRAPPL backups are an integral part of our application workflow. The backups, which are written to disk, offer a quick and easy way of rolling back the entire application in the event of a problem...”

“Segregating the backups of some of our critical applications allows us to restore those applications in any order, regardless of which volumes the data sets reside on. With FDRAPPL we can restore only the data we need, in the order that we most need it.”

Want to Know More About FDRAPPL? For a No-Obligation FREE Trial or to request a FREE Concepts & Facilities Guide, ask your local sales representative or visit: <http://www.innovationdp.fdr.com>



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