

FDR & SAR TECHNICAL BULLETIN

FDR Support for Data Set Encryption by the Access Methods; SAR Support for z14 Processor

FDR Support for Data Set Encryption

This topic applies to FDRDSF, FDRCOPY, FDRABR, FDRREORG, and FDRMOVE.

Data set encryption by the access methods (also called “pervasive encryption”) is a new feature that is included in z/OS 2.3, and is available for z/OS 2.2 and partially for z/OS 2.1 by installing the PTFs for APAR OA50569 and associated APARs. If you use this feature, you must install Version 5.4L87 SPIN 2 or higher, or ZAP P-54.8712 for Version 5.4L87 SPIN 0 or SPIN 1. To order the latest level (currently Version 5.4L87 SPIN 3), click here: <http://www.innovationdp.fdr.com/upgrade/exform.cfm>

To obtain ZAP P-54.8712, go to the FTP Login page at <http://www.innovationdp.fdr.com/ftp/ftp.cfm> and enter your access code. If needed, see the document [FTP Access](#) for detailed information on accessing Innovation maintenance.

SAR Support for z14 Processor

SAR (Stand Alone Restore) is the component of the FDR system that runs directly in an LPAR, for use when no operating system is available. It can be used to restore the initial disk volumes at a cold disaster recovery site, or at a new data center. SAR has supported all architectures from S/360 through ESA/390. Up until now, SAR has run on IBM Z in ESA/390 mode. The new IBM z14 processor does not support ESA/390 mode. Therefore, to run SAR on the z14, you must use a new level of SAR. This new level of SAR is included in Version 5.4L87 SPIN 3 and higher. To order Version 5.4L87 SPIN 3, click here: <http://www.innovationdp.fdr.com/upgrade/exform.cfm>

The procedure to install SAR so that you can IPL it from a disk or tape volume is in Section 15.20 of the FDR manual. You can also IPL SAR directly from either the installation DVD or the documentation DVD (of course, to run the new version, the DVD must be Version 5.4L87 SPIN 3 or higher); you can also IPL SAR directly from the INNOVATION FTP site. For the instructions to IPL from DVD or FTP, see: http://idp1.fdrinnovation.com/webi/navftp.html#_IPL_SAR_from_INNOVATIONS_FTP_Site_or_Removable_Media

The new version is downward compatible and can run on any older processor, as well as on the z14.

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