



Application Development System (ADCD)

ADCD for Z/OS Release 1.10 December 2008

Product 5799-HHC

DVD 1 of 5 - LCD8-0589-04

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IMPORTANT INFORMATION - PLEASE READ !!!

DISCLAIMER

The z/OS Application Developer's Controlled Distribution DVD packet is a special packaging of z/OS Software for the exclusive use of product development and support. It is restricted for use by qualified PartnerWorld for Developers members on z/OS development systems that were purchased through our program, or through approved IBM Business Partners that are fully authorized to sell the FLEX-ES emulator from Fundamental Software, Inc.. The z/OS ADCD Software stack is licensed to the specific system by machine type/model serial number and cannot be transferred to any other machine. Use of the z/OS ADCD Software on any other system or Software emulator is strictly

prohibited and is in violation of the terms and conditions of the loan agreement.

License

The ADCD is a customization of z/OS and related products. It is not an IBM program product and is not supported as a product. The intent of the ADCD is allow a user a way to quickly implement a z/OS system in order to concentrate on application development. In general choice of parameters and customizations are default install options with some changes due to user experiences.

Qualified members with FLEX-ES based xSeries or Thinkpad development systems will need to have a signed ADCD license agreement on file with IBM prior to receiving a copy of the z/OS ADCD.

Please view the instructions at : <http://www.ibm.com/isv/zseries/license.html>.

System Requirements

The currently supported ADCD environments are:

- z/OS 1.9 December 2007 under Red Hat and Flex
- z/OS 1.9s Summer 2008 under Red Hat and Flex
- z/OS 1.10 December 2008 under Red Hat and Flex

ADCD z/OS requires a minimum of xSeries or thinkpad systems running FLEX from Fundamental Software Inc. P/390, R/390, Integrated Servers, and MP3000 are no longer supported. The distributed ADCD packet is in awskcd format. Linux gzip and Flex ckdconvaws utilities are used in the loading of the DVD's.

Downloads

A procedure for obtaining CICS, DB2, IMS, and WAS in various formats is found at [Subsystem Downloads](#) .

Special Handling of Infoprint Server Transforms

PLEASE NOTE: Product 5694-A01 IBM Infoprint Server Transforms for z/OS is included in this software stack but is disabled. You are NOT licensed to use this code and can not use this product or any of its compotents as part of the loaned software ADCD system. If you want to use these products you MUST

purchase them by contacting IBM at 1-800-CALL-IBM. Only after a valid license is obtained can the product be enabled.

Customization Help and Location of Product PGMDIR's

A great deal of effort has gone into the ADCD to customize the products. However, you may find some products that are not fully customized or are customized with options that you need to change. Included in this release, are files in the format of p.SVSC.l where p=product HLQ and l=library name. The purpose of these files is to provide PGMDIR's, README, and INSTALL instructions. This ADCD is built from a driver system that uses different volume and library names. Thus, you will notice that the names referenced in the SVSC files are different than the ADCD. You may need to make translations on names to implement in the ADCD. Include on DVD1 on the RES1 volume are datasets with HLQ of MVS.ZOSRxx that document MVS. The MVS PGMDIR is contained in this grouping.

CONTENTS OF DVDs

Note: In past releases of the ADCD install command files existed on each DVD. In this release the DVD's do not contain any install command files. Sample [command files](#) have been include in this document.

DVD Disk 1

File	Description
zares1.gz	RES Volume 1 - Required for IPL
zares2.gz	RES Volume 2 - Required for IPL
zasys1.gz	System volume 1 - Required for IPL
zauss1.gz	UNIX Services Volume 1 - Required for IPL
zapr1.gz	Product target Libraries - Required to run selected products
zapr2.gz	Product target Libraries - Required to run selected products

DVD Disk 2

File	Description
zadis1.gz	Distribution Volume 1
zadis2.gz	Distribution Volume 2
zadis3.gz	Distribution Volume 3
zadis4.gz	Distribution Volume 4
zadis5.gz	Distribution Volume 5
zadis6.gz	Distribution Volume 5

File	Description
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DVD Disk 3

File	Description
zapr3.gz	Java HFS datasets for both 31 and 64 bit for 1.4, 1.6, Java HFS datasets for 64 bit for 1.5 Note Java HFS for 32 bit 1.5 is on ZAPRD2 volume.
zacic1.gz	Target and Dlibs for CICS 3.2
zaims1.gz	Target and Dlibs for IMS 10
saes1.gz	Standalone IPL Volume

DVD Disk 4

File	Description
DVD4	
zadb81.gz	DB2 v8 Target and Required datasets
zadb82.gz	DB2 v8 Utilities Target and Required datasets
zadb83.gz	DB2 v9 Performance Analyzer Utility Target datasets
zadb84.gz	DB2 v9 Performance Analyzer Utility DLIB datasets

DVD Disk 5

File	Description
DVD5	
zawas1.gz	WAS 6.1,ESB 6.0.1 and WPS 6.0.1 Target datasets
zawas2.gz	WAS 6.1,ESB 6.0.1 and WPS 6.0.1 DLIB datasets
zawas3.gz	WAS 6.1 Large ZFS dataset

What's New in this release

The following new products have been added to this release.

- z/OS 1.10 and related products upgraded to PUT0809
- Websphere MQSeries 7.0.0
- 5655-N99 IBM 64-Bit SDK for z/OS Java 2 Technology Edition - Java 6

- 5655-N98 IBM 31-Bit SDK for z/OS Java 2 Technology Edition - Java 6
- Catalog structure name changes
 - CATALOG.Z110.MASTER - Master Catalog found on ZASYS1
 - USERCAT.Z110.PRODS - z/OS Product Catalog found on ZARES2
 - USERCAT.Z110.CICS - CICS Catalog found on ZACIC1
 - USERCAT.Z110.IMS - IMS Catalog found on ZAIMS1
 - USERCAT.Z110.DB2V8 - DB2V8 Catalog found on ZADB81
 - USERCAT.Z110.DB2V9 - DB2V8 Catalog found on ZADB91
 - USERCAT.Z110.WAS - Websphere catalog found on ZAWAS1
- ADCD Library names found in this release - all of the following reside on ZARES1.
 - ADCD.Z110.PARMLIB
 - ADCD.Z110.PROCLIB
 - ADCD.Z110.TCPPARMS
 - ADCD.Z110.VTAMLIB
 - ADCD.Z110.VTAMLIST
 - ADCD.Z110.VTAM.SOURCE
 - ADCD.DYNISPF.ISPPLIB
 - ADCD.LIB.JCL
 - ADCD.Z110.CLIST
 - ADCD.Z110.DBS.ISPPLIB
 - ADCD.Z110.DBS1.ISPPLIB
 - ADCD.Z110.ISPPLIB
 - ADCD.Z110.LINKLIB
 - ADCD.Z110.LPALIB
 - ADCD.Z110.WLMIN

Products contained in this release

Table_1. z/OS 1.10.

Product Number	Description	Fmid	Dependent FMID	HLQ
5694-A01	ICKDSF - Device Support Facilities, Base	EDU1H01	EDU1H01	SYS1
5694-A01	@@@Missing Desc	EMI2220	EMI2220	SYS1
5694-A01	@@@Missing Desc	ETI1106	ETI1106	SYS1
5694-A01	ICKDSF - Device Support Facilities, ISMF/MODS	EDU1H01	FDU1H07	SYS1

Product Number	Description	Fmid	Dependent FMID	HLQ
5694-A01	ICKDSF - Device Support Facilities, ISMF/ENU	EDU1H01	FDU1H08	SYS1
5694-A01	BCP Base	HBB7750	HBB7750	SYS1
5694-A01	@@@Missing Desc	HBCNC00	HBCNC00	SYS1
5694-A01	SMP/E Planning and Migration Assistant	HBCND0B	HBCND0B	SYS1
5694-A01	@@@Missing Desc	HBD6602	HBD6602	SYS1
5694-A01	@@@Missing Desc	HBKM300	HBKM300	SYS1
5694-A01	@@@Missing Desc	HBKP300	HBKP300	SYS1
5694-A01	Library Server	HBKQ330	HBKQ330	SYS1
5694-A01	Encryption Facility DFSMSdss Encryption	HCF773D	HCF773D	SYS1
5694-A01	Encryption Facility Encrypt Ser	HCF7740	HCF7740	SYS1
5694-A01	@@@Missing Desc	HCMG110	HCMG110	SYS1
5694-A01	Hardware Configuration Manager	HCM1A10	HCM1A10	SYS1
5694-A01	Cryptographic Services - System SSL Base	HCPT3A0	HCPT3A0	SYS1
5694-A01	Cryptographic Services - OCSF Base	HCRY740	HCRY740	SYS1
5694-A01	Cryptographic Services - ICSF	HCR7750	HCR7750	SYS1
5694-A01	Hardware Configuration Definition Base	HCS7750	HCS7750	SYS1
5694-A01	Network File System Server and Client	HDZ1AN0	HDZ1AN0	SYS1
5694-A01	Data Facility System Managed Storage Base & ENU	HDZ1A10	HDZ1A10	SYS1
5694-A01	@@@Missing Desc	HFST101	HFST101	SYS1
5694-A01	@@@Missing Desc	HFX1112	HFX1112	SYS1
5694-A01	@@@Missing Desc	HGD3200	HGD3200	SYS1
5694-A01	@@@Missing Desc	HGD3201	HGD3201	SYS1
5694-A01	ISPF Base	HIF5I02	HIF5I02	SYS1
5694-A01	IBM HTTP Server Base	HIMW530	HIMW530	SYS1

Product Number	Description	Fmid	Dependent FMID	HLQ
5694-A01	Communications Server IP	HIP61A0	HIP61A0	SYS1
5694-A01	Integrated Security Services - Enterprise Identit	HIT7750	HIT7750	SYS1
5694-A01	JES2 Base	HJE7750	HJE7750	SYS1
5694-A01	JES3	HJS7750	HJS7750	SYS1
5694-A01	Cryptographic Services - PKI Services	HKY7750	HKY7750	SYS1
5694-A01	XL C/C++ Base	HLB7750	HLB7750	SYS1
5694-A01	Language Environment Base	HLE7750	HLE7750	SYS1
5694-A01	DCE Base Services	HMB3190	HMB3190	SYS1
5694-A01	Infoprint Server - IP PrintWay Base	HMOS705	HMOS705	SYS1
5694-A01	SMP/E Base	HMP1H00	HMP1H00	SYS1
5694-A01	High Level Assembler Base	HMQ4160	HMQ4160	SYS1
5694-A01	Managed System Infrastructure for Setup - Framewo	HMSI707	HMSI707	SYS1
5694-A01	Managed System Infrastructure for Setup - DFSMS S	HMSI737	HMSI737	SYS1
5694-A01	Infoprint Server - NetSpool Base	HNET730	HNET730	SYS1
5694-A01	Infoprint Server - Print Interface Base	HOPI730	HOPI730	SYS1
5694-A01	IBM Ported Tools for z/OS	HOS1110	HOS1110	SYS1
5694-A01	z/OS UNIX System Services Application Services Ba	HOT7750	HOT7750	SYS1
5694-A01	Common Information Model	HPG7750	HPG7750	SYS1
5694-A01	@@@Missing Desc	HPMG110	HPMG110	SYS1
5694-A01	BCP - Program Management Binder	HPM7750	HPM7750	SYS1
5694-A01	Coax Printer Support	HPRT100	HPRT100	SYS1
5694-A01	BCP - Capacity Provisioning	HPV7750	HPV7750	SYS1
5694-A01	SDSF Base	HQX7750	HQX7750	SYS1

Product Number	Description	Fmid	Dependent FMID	HLQ
5694-A01	Security Server - RACF Base	HRF7750	HRF7750	SYS1
5694-A01	RMF Base	HRM7750	HRM7750	SYS1
5694-A01	Integrated Security Services - Open Crypto Enhanc	HRO7740	HRO7740	SYS1
5694-A01	Integrated Security Services - LDAP Server Base	HRSL3AA	HRSL3AA	SYS1
5694-A01	IBM Tivoli Directory Server for z/OS Base	HRSL3A0	HRSL3A0	SYS1
5694-A01	SecureWay Security Server - DCE Base	HRSS190	HRSS190	SYS1
5694-A01	z/OS UNIX System Services-Integrated Call Level I	HSAP360	HSAP360	SYS1
5694-A01	Metal C Runtime Library	HSD7750	HSD7750	SYS1
5694-A01	DFSORT Base	HSM1J00	HSM1J00	SYS1
5694-A01	@@@Missing Desc	HSWF100	HSWF100	SYS1
5694-A01	Integrated Security Services-Network Authenticati	HSWK3A0	HSWK3A0	SYS1
5694-A01	TSO/E Base	HTE7750	HTE7750	SYS1
5694-A01	Run-Time Library Extensions Base	HTV7750	HTV7750	SYS1
5694-A01	BCP - Support for Unicode Base	HUN7750	HUN7750	SYS1
5694-A01	Communications Server SNA	HVT61A0	HVT61A0	SYS1
5694-A01	IBM Alternate Library for REXX on zSeries	HWJ9143	HWJ9143	SYS1
5694-A01	Infoprint Server Transforms - Transform to AFP	HXFR100	HXFR100	SYS1
5694-A01	Infoprint Server Transforms - AFP to Pxx Common T	HXFR120	HXFR120	SYS1
5694-A01	zSeries File System Base	HZFS3A0	HZFS3A0	SYS1
5694-A01	OSA/SF	H0GI400	H0GI400	SYS1
5694-A01	Distributed File Service Base	H0H23A0	H0H23A0	SYS1
5694-A01	@@@Missing Desc	H24P111	H24P111	SYS1
5694-A01	@@@Missing Desc	HBD6602	JBD6201	SYS1

Product Number	Description	Fmid	Dependent FMID	HLQ
5694-A01	@@@Missing Desc	HBD6602	JBD6202	SYS1
5694-A01	@@@Missing Desc	HBKM300	JBKM310	SYS1
5694-A01	@@@Missing Desc	HBKP300	JBKP310	SYS1
5694-A01	@@@Missing Desc	HGD3200	JGD3219	SYS1
5694-A01	IBM HTTP Server North America Secure	HIMW530	JIMW531	SYS1
5694-A01	Communications Server X11R4 XWindows	HIP61A0	JIP61AX	SYS1
5694-A01	SDSF JES2 Support	HJE7750	JJE775S	SYS1
5694-A01	High Level Assembler Toolkit	HMQ4160	JMQ416A	SYS1
5694-A01	TSO/E ENU	HTE7750	JTE775E	SYS1
5694-A01	Infoprint Server Transforms - AFP to PCL Transfor	HXFR120	JXFR121	SYS1
5694-A01	Infoprint Server Transforms - AFP to PostScript T	HXFR120	JXFR122	SYS1
5694-A01	Infoprint Server Transforms - AFP to PDF Transfor	HXFR120	JXFR123	SYS1

Table 2. z/OS Products

Product Number	Description	Fmid	Dependent FMID	HLQ
5655-M32	PSF for z/OS Base	HPRF410	HPRF410	APS410
5655-M32	UPLOAD FOR z/OS	HPRF417	HPRF417	APS410
5655-M32	ENHANCED AFP INDEXING FACILITY/BASE FUNCTION	HQN2231	HQN2231	APS410
5655-M32	Font Sample	H0HL140	H0HL140	APS410
5655-M32	Code Page	H0HL141	H0HL141	APS410
5655-M32	Code Page	H0HL15C	H0HL15C	APS410
5655-M32	Code Page	H0HL15D	H0HL15D	APS410
5655-M32	AFP Download Plus	HPRF410	JPRF411	APS410
5655-M32	Download for z/OS	HPRF410	JPRF412	APS410
5655-M32	Compats	H0HL15D	J0HL14S	APS410
5655-M32	Compats	H0HL141	J0HL143	APS410
5655-M32	Compats	H0HL15C	J0HL144	APS410
5698-SA3	SA z/OS Base Automation	HWRE320	HWRE320	AUT320
5698-SA3	SA z/OS CICS AUTO	HWRE320	JWRE32C	AUT320
5698-SA3	SA z/OS IMS AUTO	HWRE320	JWRE32I	AUT320
5698-SA3	SA z/OS UCE	HWRE320	JWRE322	AUT320
5655-103	DITTO/ESA base	H0GB310	H0GB310	DIT130
5655-S16	Debug Tool Base	HADE810	HADE810	EQA810
5655-S16	Debug Tool Utilities and Advanced Functions Base	HADF810	HADF810	EQA810
5695-014	IBM Library for REXX on zSeries	HWJ9140	HWJ9140	FAN140
5695-014	IBM Alternate Library for REXX on zSeries	HWJ9143	HWJ9143	FAN140
5695-014	IBM Compiler for REXX on zSeries	HWK0140	HWK0140	FAN140
5655-S14	FILE MANAGER Z/OS/BASE	HAC7810	HAC7810	FMN810
5655-S14	INTERACTIVE PANEL VIEWER	HVWR120	HVWR120	FMN810
5655-S14	FILE MANAGER Z/OS/DB2	HAC7810	JAC7812	FMN810
5655-S14	FILE MANAGER Z/OS/IMS	HAC7810	JAC7814	FMN810
5655-S14	FILE MANAGER Z/OS/CICS	HAC7810	JAC7816	FMN810

Product Number	Description	Fmid	Dependent FMID	HLQ
5655-S15	FAULT ANALYZER/BASE	HADG810	HADG810	IDI810
5655-H31	IBM ENTERPRISE PL/I FOR Z/OS	H270370	H270370	IEL370
5655-H31	IBM ENTERPRISE PL/I FOR Z/OS FEATURE	H270370	J270371	IEL370
5655-S71	IBM ENTERPRISE COBOL FOR Z/OS BASE	HADB400	HADB400	IGY410
5655-S71	IBM ENTERPRISE COBOL FOR Z/OS HFS	HADB400	JADB40H	IGY410
5655-S71	IBM ENTERPRISE COBOL FOR Z/OS ENU	HADB400	JADB401	IGY410
5655-B85	C/C++ Productivity Tools Base	HCKVB00	HCKVB00	IPT110
5655-B85	C/C++ Productivity Tools Base	H0GP110	H0GP110	IPT110
5655-B85	C/C++ Productivity Tools Base	H24P111	H24P111	IPT110
5655-B85	C/C++ Productivity Tools Base	HCKVB00	JCKVB03	IPT110
5655-B85	C/C++ Productivity Tools Base	HCKVB00	JCKVB05	IPT110
5655-B85	C/C++ Productivity Tools Base	H24P111	J24P112	IPT110
5655-I39	WORKLOAD SIMULATOR BASE	H281110	H281110	ITP110
5655-J51	XML Toolkit for z/OS	HXML190	HXML190	IXM190
5655-I56	IBM SDK for z/OS, Java 2 Technology Edition	HJVA140	HJVA140	JVA140
5655-M30	IBM 64-Bit SDK for z/OS Java 2 Technology Edition	HJVA14B	HJVA14B	JVB140
5655-N98	IBM 31-Bit SDK for z/OS Java 2 Technology Edition	HJVA500	HJVA500	JVA500
5655-N99	IBM 64-Bit SDK for z/OS Java 2 Technology Edition	HJVB500	HJVB500	JVB500
5655-R31	IBM 31-Bit SDK for z/OS Java Technology Edition	HJVA600	HJVA600	JVA600

Product Number	Description	Fmid	Dependent FMID	HLQ
5655-R32	IBM 64-Bit SDK for z/OS Java Technology Edition	HJVB600	HJVB600	JVB600
5748-XX9	DOCUMENT COMPOSITION FACILITY	HQG1406	HQG1406	DCF140
5748-XX9	DOCUMENT COMPOSITION FACILITY	HSR1401	HSR1401	DCF140
5748-XX9	DOCUMENT COMPOSITION FACILITY	JQG1410	JQG1410	DCF140
5748-XX9	DOCUMENT COMPOSITION FACILITY	HSR1401	JSR1411	DCF140
5748-XX9	DOCUMENT COMPOSITION FACILITY	HSR1401	JSR1413	DCF140
5697-ENV	Tivoli NetView Enterprise Base	HENV53B	HENV53B	NET530
5697-ENV	Tivoli NetView ENU	HENV53B	JENV53E	NET530
5655-R36	WebSphere MQ for z/OS Base	HMS7000	HMS7000	CSQ700
5655-R36	WebSphere MQ for z/OS US English ENU	HMS7000	JMS7001	CSQ700
5655-R36	WebSphere MQ for z/OS Uppercase English ENP	HMS7000	JMS7004	CSQ700
5655-R36	WebSphere MQ for z/OS Client Attachment	HMS7000	JMS7007	CSQ700
5655-R36	IBM WebSphere MQ for z/OS Unix System Services	HMS7000	JMS7008	CSQ700
5698-A17	Tivoli Workload Scheduler	HWSZ300	HWSZ300	TWS830

Table_3. DB2 v8 & v9.

Product Number	Description	Fmid	Dependent FMID	HLQ
5625-DB2	DB2 ADMINISTRATION SERVER	HDAS810	HDAS810	DSN810
5625-DB2	DB2 ONLINE HELP	HDB881A	HDB881A	DSN810
5625-DB2	DB2 BASE/TSO	HDB8810	HDB8810	DSN810
5625-DB2	DB2 RACF EXIT	HDRE810	HDRE810	DSN810
5625-DB2	IRLM	HIR2220	HIR2220	DSN810
5625-DB2	DB2 IMS/VIS ATTACH	HIY8810	HIY8810	DSN810
5625-DB2	DB2 SUBSYSTEM INIT	HIZ8810	HIZ8810	DSN810
5625-DB2	DB2 IAV EXTENDERS	HDB8810	JDB881B	DSN810
5625-DB2	DB2 Text Extender	HDB8810	JDB881C	DSN810
5625-DB2	390 ENABLEMENT TO DB2 MGMT CLIENTS PACKAGE	HDB8810	JDB881D	DSN810
5625-DB2	DB2 OPERATIONAL UTILITIES	HDB8810	JDB881K	DSN810
5625-DB2	DB2 DIAG/RECOVER UTILITIES	HDB8810	JDB881M	DSN810
5625-DB2	DB2 XML EXTENDER	HDB8810	JDB881X	DSN810
5625-DB2	DB2 JDBC/SQLJ SUPPORT	HDB8810	JDB8812	DSN810
5625-DB2	DB2 ENGLISH PANELS	HDB8810	JDB8814	DSN810
5625-DB2	DB2 ODBC BASE	HDB8810	JDB8817	DSN810
5655-I60	DB2 REPLICATION COMMON LIBRARY FOR Z/OS	HAAW820	HAAW820	ASN820
5655-L88	DB2 REPLICATION COMMON LIBRARY FOR Z/OS	HAAW820	HAAW820	ASN820
5655-I60	DB2 INFORMATION INTEGRATOR REPLICATION FOR Z/OS	HAAW821	HAAW821	ASN820
5655-I60	DB2 DATAPROGATOR FOR Z/OS	HAAW822	HAAW822	ASN820
5655-L88	DB2 DATAPROGATOR FOR Z/OS	HAAW822	HAAW822	ASN820
5625-DB2	DB2 Net Search Extender	HDB771N	HDB771N	DNE810

Product Number	Description	Fmid	Dependent FMID	HLQ
5625-DB2	QUERY MANAGEMENT FACILITY ENGLISH	HSQ8810	HSQ8810	QMF810
5697-L90	DB2 ADMINISTRATION TOOL	H0IH720	H0IH720	ADB720
5625-DB2	NET.DATA/390	H242710	H242710	DTW810
5655-J49	IBM DB2 Performance Expert License Key	H27C21X	H27C21X	FPE210
5655-J49	IBM DB2 Performance Expert Base	H27C210	H27C210	FPE210
5697-H82	IBM DB2 PERFORMANCE EXPERT BASE	H27C210	H27C210	FPE210
5697-H82	IBM DB2 BUFFER POOL ANALYZER LICENSE KEY	H27121X	H27121X	FPE210
5635-DB2	DB2 ADMINISTRATION SERVER	HDAS910	HDAS910	DSN910
5635-DB2	DB2 BASE/TSO	HDB9910	HDB9910	DSN910
5635-DB2	DB2 RACF EXIT	HDRE910	HDRE910	DSN910
5635-DB2	IRLM	HIR2220	HIR2220	DSN910
5635-DB2	DB2 IMS/VIS ATTACH	HIY9910	HIY9910	DSN910
5635-DB2	DB2 SUBSYSTEM INIT	HIZ9910	HIZ9910	DSN910
5635-DB2	ICU	H2AF110	H2AF110	DSN910
5635-DB2	OPTIMIZATION SERVICE CENTER	H2AG110	H2AG110	DSN910
5635-DB2	DB2 OPTIMIZATION EXPERT FOR Z/OS	H2AH110	H2AH110	DSN910
5635-DB2	Z/OS ENABLEMENT FOR DB2 CONTROL CENTER	HDB9910	JDB991D	DSN910
5635-DB2	DB2 OPERATIONAL UTILITIES	HDB9910	JDB991K	DSN910
5635-DB2	DB2 XML EXTENDER	HDB9910	JDB991X	DSN910
5635-DB2	DB2 JDBC/SQLJ Z/OS	HDB9910	JDB9912	DSN910
5635-DB2	DB2 ENGLISH PANELS	HDB9910	JDB9914	DSN910
5635-DB2	DB2 ODBC BASE	HDB9910	JDB9917	DSN910
5635-DB2	DB2 SPATIAL SUPPORT	H2AF110	J2AG110	DSN910

Product Number	Description	Fmid	Dependent FMID	HLQ
5635-DB2	QUERY MANAGEMENT FACILITY ENGLISH	HSQ9910	HSQ9910	QMF910

Table_4. CICS 3.2

Product Number	Description	Fmid	Dependent FMID	HLQ
5655-M15	CICS CICS TS for z/OS V3.2	HBDD110	HBDD110	DFH320
5655-M15	CICS - Base	HCI6500	HCI6500	DFH320
5655-M15	CICS CICS TS for z/OS V3.2	H0B5110	H0B5110	DFH320
5655-M15	CICS CICS TS for z/OS V3.2	H0B7110	H0B7110	DFH320
5655-M15	CICS CICS TS for z/OS V3.2	H0Z2110	H0Z2110	DFH320
5655-M15	CICS - JAVA/IIOP	HCI6500	JCI650D	DFH320
5655-M15	CICS - System Manager	HCI6500	JCI650M	DFH320
5655-M15	REXX Altlib for CICS	HCI6500	JCI650R	DFH320
5655-M15	CICS - WS Security	HCI6500	JCI650W	DFH320
5655-M15	CICS - COBOL feature	HCI6500	JCI6501	DFH320
5655-M15	CICS - PL/1 feature	HCI6500	JCI6502	DFH320
5655-M15	CICS - 'C' feature	HCI6500	JCI6503	DFH320

Table_5. IMS V10

Product Number	Description	Fmid	Dependent FMID	HLQ
5635-A01	IRLM	HIR2220	HIR2220	IMS1010
5635-A01	IMS SYSTEM SERVICES	HMK1010	HMK1010	IMS1010
5635-A01	IMS DATABASE MANAGER	HMK1010	JMK1011	IMS1010

Product Number	Description	Fmid	Dependent FMID	HLQ
5635-A01	IMS TRANSACTION MANAGER	HMK1010	JMK1012	IMS1010
5635-A01	IMS EXT. TERMINAL OPT	HMK1010	JMK1013	IMS1010
5635-A01	IMS RLT	HMK1010	JMK1014	IMS1010
5635-A01	IMS DLT	HMK1010	JMK1015	IMS1010
5635-A01	IMS JAVA ON DEMAND FEATURES	HMK1010	JMK1016	IMS1010
5655-E03	IMS DATABASE REPAIR FACILITY	H22K120	H22K120	FAB120
5655-N45	IMS TOOLS ONLINE SYSTEM INTERFACE	H2B7110	H2B7110	FRX310
5655-N47	IMS DATABASE RECOVERY FACILITY FOR Z/OS	H27L310	H27L310	FRX310
5655-P01	GENERIC LOGGER EXIT	H32A110	H32A110	GJE110
5655-F59	IMS HIGH PERFORMANCE CHANGE ACCUMULATION UTILITY	H25M130	H25M130	HPC130
5655-N45	IMS HIGH PERFORMANCE IMAGE COPY	H1J0410	H1J0410	HPI410
5655-I42	IMS LIU	H27P110	H27P110	HPS110
5655-K53	IMS HP POINTER CHECKER	HPC2210	HPC2210	HPS110
5655-M28	IMS PARALLEL REORGANIZATION	H25N310	H25N310	HPS310
5655-L08	IMS DATABASE CONTROL SUITE FOR Z/OS	H25R310	H25R310	IDL310
5697-I08	IMS QUEUE CONTROL FACILITY	H0GN210	H0GN210	IQC210
5697-I08	IMS TOOLS ONLINE SYSTEM INTERFACE	H2B7110	H2B7110	IQC210
5655-L08	IMS DATABASE CONTROL SUITE FOR Z/OS	H25R320	H25R320	IDL320

Table_6. Websphere.

Product Number	Description	Fmid	Dependent FMID	HLQ
---------------------------	--------------------	-------------	---------------------------	------------

5655-N01	WebSphere Application Server for z/OS	H28W610	H28W610	WAS610
5655-N01	WebSphere Application Server for z/OS Optional Ma	H28W610	JIWO610	WAS610
5655-N53	WebSphere Process Server for z/OS	HWPS601	HWPS601	WPS601
5655-R15	WebSphere Enterprise Service Bus for z/OS	HESB601	HESB601	ESB601
5655-M75	WEBSHERE EVENT BROKER	HEB6000	HEB6000	BIP600
5655-M74	WEBSHERE MESSAGE BROKER	HMB6000	HMB6000	BIP600

Problems found, preventitive maintenance, fixes

Problems reported to Date 01/06/2009

Datasets not cataloged.

The following JCL will correct a problem with a group of datasets that are on this ADCD release but are not cataloged:

```
//S1 EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
  DEFINE NONVSAM(NAME(CIM.ACIMHFS) )-
    VOL(ZADIS1) DEVT(3390) -
    CATALOG(CATALOG.Z110.MASTER)
  DEFINE NONVSAM(NAME(CIM.ACIMMOD1) )-
    VOL(ZADIS1) DEVT(3390) -
    CATALOG(CATALOG.Z110.MASTER)
  DEFINE NONVSAM(NAME(CIM.ACIMPLUG) )-
    VOL(ZADIS1) DEVT(3390) -
    CATALOG(CATALOG.Z110.MASTER)
  DEFINE NONVSAM(NAME(CIM.SCIMXML) )-
    VOL(ZARES2) DEVT(3390) -
    CATALOG(CATALOG.Z110.MASTER)
  DEFINE NONVSAM(NAME( EUVF.AEUVFEXC) )-
    VOL(ZARES2) DEVT(3390) -
    CATALOG(CATALOG.Z110.MASTER)
  DEFINE NONVSAM(NAME( EUVF.AEUVFHFS) )-
```

```

VOL(ZARES2) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( EUVF.AEUVFLIB ) -
VOL(ZARES2) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( EUVF.AEUVFSAM ) -
VOL(ZARES2) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( EUVF.SEUVFEXC ) -
VOL(ZARES2) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( EUVF.SEUVFLIB ) -
VOL(ZARES2) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( EUVF.SEUVFSAM ) -
VOL(ZARES2) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( SYS1.HASPCKP2 ) -
VOL(ZARES2) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( SYS1.SMS.CNTL ) -
VOL(ZASYS1) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( SYS1.IPLPARM ) -
VOL(ZASYS1) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)
DEFINE NONVSAM(NAME( NETV.CNMLINK ) -
VOL(ZARES2) DEVT(3390) -
CATALOG(CATALOG.Z110.MASTER)

```

Incorrect APF data in parmlib.

The following datasets have incorrect volume information on parmlib entries.

Change volume data for EQA810.SEQAAUTH entry in PROGxx member to &SYSP2

Change volume data for TCPPIP.SEZADSIL entry in PROGxx member to &SYSR2

Change volume data for TCPIP.SEZALNK2 entry in PROGxx member to &SYSR2

Build Structure

ZARES1 ZARES2

ZARES1 is a 3390-3 volume that contains the base MVS system software target, or run-time libraries, and other system data sets required to IPL the system and use TSO/E and ISPF. This is the MVS IPL volume. This release uses the extended indirect catalog feature with &SYSR1 in the master catalog.

ZARES2 is a 3390-3 volumes that are an extension of the SYSRES volume ZARES1. The volume is also required for IPL. The release utilizes the extended indirect cataloging feature with &SYSR2 in the master catalog. ZARES2 contains the usercatalog USERCAT.Z110.PRODS containing entries for z/OS related products.

ZASYS1

This 3390-3 volume contains data sets that you might change, either through normal use of the system or user customization. All USER.xxxxxx datasets are on this volume. System control data sets, such as SYS1.IPLPARM, the RACF database, IODF (I/O Definition File), and system's master catalog (CATALOG.Z110.MASTER) reside on this volume. This volume is required to IPL.

ZAUSS1

ZAUSS1 is a 3390-3 volume that contains all HFS and ZFS files for UNIX System Services of z/OS. The volume contains the ROOT and Version HFS files. This volume is required to IPL.

ZAPRD1, ZAPRD2, and ZAPRD3

ZAPRD1 and ZAPRD2 are 3390-3 volumes that contains all z/OS products that are not required to IPL basic z/OS as delivered. If the products are customized at some future date i.e. parmlib members updated, then these volumes may be required for IPL. ZAPRD3 is a new volume this release. This volume contains the HFS files for Java 4, Java 5 (64 bit) and Java 6.

ZADIS1, ZADIS2, ZADIS3, ZADIS4, ZADIS5, ZADIS6

These volumes contains the base MVS system software distribution libraries. They contain the DLIB (Distribution Library) and zone CSI's. These volumes need not be present to IPL, but are needed to install service or products on the MVS system using SMP/E. These volumes are all 3390-3.

ZADB81 ZADB82, ZADB83, ZADB84

ZADB81 is a 3390-3 volume that contains DB2 V8 related data. ZADB81 contains the DB2 usercatlog, USERCATALOG.Z110.DB2V8. Also ZADB81 contains DB2 target libs, DB2 Catalog databases, and databases created by some IVP processing. This volume is not required to IPL but is required to bring up DB2 V8.

ZADB82 is a 3390-3 volume that contains some DB2 databases and all DB2 V8 DLIB and CSI's. Also contained are target and dlib for various DB2 V8 utility products. The volume is not required for IPL but is needed to bring up DB2, apply DB2 maintenance, and run DB2 utilities, i.e. QMF

ZADB83 is a 3390-3 volume that contains the target libraries for DB2 Performance Expert. The volume is not required for IPL but is needed to bring up DB2 Performance Expert

ZADB84 is a 3390-3 volume that contains the dlib libraries for DB2 Performance Expert. The volume is not required for IPL but is needed to apply maintenance to DB2 Performance Expert

ZADB91 ZADB92

ZADB91 is a 3390-3 volume that contains DB2 V9 related data. ZADB91 contains the DB2 usercatlog, USERCATALOG.Z110.DB2V9. Also ZADB91 contains All DB2 target libs, DB2 Catalog databases, and databases created by some IVP processing. This volume is not required to IPL but is required to bring up DB2 V9.

ZADB92 is a 3390-3 volume that contains DB2 V9 DLIB and CSI's. Also contained are target and dlib for various DB2 V9 utility products. The volume is not required for IPL but is needed to apply DB2 maintenance and run DB2 utilities, i.e. QMF

ZACIC1

ZACIC1 is a 3390-3 volume that contains CICS Target, DLIB and all related data for CICS. USERCATALOG.Z110.CICS resides on this volume. This volume is not required to IPL but is required to bring up CICS and apply CICS maintenance.

ZAWAS1, ZAWAS2, ZAWAS3

ZAWAS1 is a 3390-3 volume that contains target libraries for Websphere Application Services, Websphere Enterprise Server Bus, and Websphere Process Server.

ZAWAS2 is a 3390-3 volume that contains distribution libraries for Websphere Application Services, Websphere Enterprise Server Bus, and Websphere Process Server.

ZAWAS3 is a 3390-3 volume that contains one Websphere Application Services target ZFS file that is very large. These volumes are not required to IPL but ZAWAS1 is required to bring up Websphere Application Services.

ZAWAS2 is required to perform maintenance on Websphere Application Services, Websphere Enterprise Server Bus, and Websphere Process Server.

ZAIMS1

ZAIMS1 is a 3390-3 volume that contains IMS Target, DLIB and all related data for IMS. USERCATALOG.Z110.IMS resides on this volume. This volume is not required to IPL but is required to bring up IMS and perform maintenance on IMS

SARES1

This 3390-3 volume contains a single volume stand alone system. This volume can be used to IPL and logon to a TSO/ISPF session.

The disk volume can assist in building LPAR environments and correct errors that prevent system IPL.

Recommended use of this volume is to install the volume and leave accessible. The volume should not be altered. The volume should stay in a background mode and be available for emergency type of situations. If other z/OS, OS/390, or LPAR partitions contain errors, the SARES1 volume could be used to solve the problem.

The stand alone system does not contain TCPIP or Unix system service support. The system cannot be used to install products or apply maintenance via SMP/E.

To IPL the standalone res volume:

Load Address: 0Axx

Load Parms: 0AxxSAM

Migration Guidelines

The following guidelines will make it easier for you to replace this level of system software with new levels built the same way.

Only IBM-supplied system software should reside on ZAxxxx volumes except for ZASYS1. ZASYS1 contains racf, ipl, and catalog datasets that are user dependent.

The ADCD does not contain a generalized migration utility or process. Each user has unique requirements. It is recommended that you build a migration plan based on your unique needs. The ADCD does have some assistance. The ADCD uses a system of concatenated libraries (see below) The highest level of concatenation is USER.xxxxxxxx. The ADCD distributes these libraries empty. It is recommended that the user place changes or overrides in these libraries. It is further recommended that the USER.xxxxxxxx libraries be backed up regularly. When a new ADCD release is installed the USER.xxxxxxxx libraries can be copied from backups to the new USER.xxxxxxxx libraries to provide instance migration of programs and parameters.

The ADCD is distributed with a standard library concatenation for the following:

- LINKLST
- PROCLIB (including TSO procedures)
- CLIST
- ISPPLIB (TSO panels)
- LPALIB
- PARMLIB
- VTAMLST
- VTAMLIB
- VTAM source

The configured order of concatenation is user, adcd developers, and z/OS system datasets. For example, the LINKLST concatenation would be as follows:

- USER.LINKLIB
- ADCD.Z10.LINKLIB
- SYS1.LINKLIB

USER.xxxxx libraries have all been built on ZASYS1 which is the only volume that should contain user data.

USER.xxxxx will not be changed by ADCD or System processes; thus, user updates in USER.xxxxx will be retained between release levels. ADCD.Z110.xxxxx libraries are allocated on ZARES1 and are the libraries that are used by ADCD developers. No RACF rules exist on these libraries; however, changes to these libraries could destroy customization necessary to bring up many products. SYS1.xxxxxxx libraries should NEVER be updated by users or ADCD development. System libraries should ONLY be updated through SMP/E install, maintenance processes, or like processes.

PLEASE NOTE: Changes to System libraries or ADCD pre-customization may corrupt your system and prevent or delay IBM support activities.

The correct procedure for a user update to system data is to:

- Copy the system data from SYS1.xxxxx or ADCD.xxxx to USER.xxxxx
- Edit, compile, or run user program against the USER.xxxx item
- Re-ipl, recycle system service, or re-logon to TSO

Removing a user update would be the reverse of the above procedure.

LOADPARMS Options

Table Listing of available pre-configured distributed LOADPARMS.

LOADPARAM	Description
CS	CLPA and cold start of JES2. Base z/OS system functions i.e. no CICS, DB2, IMS, WAS, etc.
00	Warm start of JES2. Base z/OS system functions i.e. no CICS, DB2, IMS, WAS, etc.
WS	Warm start of JES2. Base z/OS system functions i.e. no CICS, DB2, IMS, WAS, etc.
DC	CLPA, brings in CICS LPA modules, cold start of JES2, starts up DB2 and CICS.
DB	Warm start of JES2 and starts the DB2 and CICS.
DI	CLPA and cold start of JES2 and loads the IMS Libraries. IMS must be manually started.
CC	CLPA and cold start of JES2, loads the CICS Libraries, starts up CICS, no DB2.
CW	Warm start of JES2, and starts up CICS.
9C	CLPA, cold start of JES2, starts up DB2 V9 only.
9W	Warm start of JES2, starts up DB2 V9 only.
8C	CLPA, cold start of JES2, starts up DB2 v8 only.
8W	Warm start of JES2, starts up DB2 v8 only.
2C	CLPA, cold start of JES2, starts up DB2 v8 and DB2 v9.
2W	Warm start of JES2, starts up DB2 v8 and DB2 v9.
IC	CLPA and cold start of JES2 and load the IMS Libraries, start IMS, no DB2 or CICS.
IW	Warm start of JES2 start IMS, no DB2 or CICS.
AC	CLPA and cold start of JES2 load IMS and CICS libraries, start IMS, DB/2 v8, and CICS.
AW	Warm start of JES2. start IMS, DB/2 v8, and CICS.
BC	CLPA and cold start of JES2, load WAS libraries, WAS is manually started
BW	Warm start of JES2. WAS is manually started.

LOADPARAM	Description
------------------	--------------------

NOTE: JES2 should be cold started the first time you bring up the system.

LoadParm is preset to 0A82CS.

Console PF Key Settings

As the system is running, you may wish to do some of the following from the Master Console:

Current PFKey Settings

Action/Command	PfKey
Display Devices	PF1
Display 3270 Devices	PF2
Clear Top of Screen	PF3
Create a 10-line Display Area	PF4
Display Address Space Information	PF5
Display Outstanding Reply Requests and Error Messages	PF6
Display PF Keys	PF7
Scroll Display Area	PF8
Display TSO Users	PF9
Display Active Address Spaces	PF10
Display Active Jobs	PF11
Clear Bottom Screen	PF12

USERIDS

The following TSO Userids and Passwords have already been set up on your system:

Table of Pre-Defined USERIDS

Userid	Password
ADCDMST (RACF special authority)	SYS1 or ADCDMST
IBMUSER (RACF special authority)	SYS1 or IBMUSER
SYSADM (DB2 and RACF special authority)	SYS1 or SYSADM
SYSOPR (DB2 and RACF special authority)	SYS1 or SYSOPR
ADCDA - ADCDZ	TEST

Userid	Password
WEBADM	WEBADM
OPEN1 thru OPEN3	SYS1

Maintenance Service Levels

Current Levels

All the products on the ADCD consist of maintenance that is in a closed status. A PTF that is still in open status or has other than a document hold at the time the ADCD was built would not be added to the ADCD. The following PUT levels may be minus PTFs that were open at build time. Also some functions may be better than the PUT level due to the addition of RSUs and individual PTFs. In general the following is valid.

- All functions of the base Z/OS 1.10 product are at PUT level 0809.
- All functions of the CICS TS3.2 are at PUT level 0809.
- The functions of the DB2 8.1.0 and DB2 9.1.0 base are at PUT level 0809.
- All functions of the IMS 10.1.0 are at PUT level 0809.
- WAS 6.1.0 is at Service Level 6.1.0.18 - Build Level CF180826.06

Sample Command Files

```
echo "*****"  
echo "* loading zares1 *"  
echo "*****"  
ckdfmt -r -n /s390/zares1 3390-3  
gunzip -c /mnt/dvd/zares1.gz | ckdconvaws -r - /s390/zares1 3390-3
```

```
echo "*****"  
echo "* loading zares2 *"  
echo "*****"  
ckdfmt -r -n /s390/zares2 3390-3  
gunzip -c /mnt/dvd/zares2.gz | ckdconvaws -r - /s390/zares2 3390-3
```

```
echo "*****"  
echo "* loading zasys1 *"
```

```
echo "*****"
ckdfmt -r -n /s390/zasys1 3390-3
gunzip -c /mnt/dvd/zasys1.gz | ckdconvaws -r - /s390/zasys1 3390-3
```

```
echo "*****"
echo "* loading zauss1 *"
echo "*****"
ckdfmt -r -n /s390/zauss1 3390-3
gunzip -c /mnt/dvd/zauss1.gz | ckdconvaws -r - /s390/zauss1 3390-3
```

```
echo "*****"
echo "* loading zaprd1 *"
echo "*****"
ckdfmt -r -n /s390/zaprd1 3390-3
gunzip -c /mnt/dvd/zaprd1.gz | ckdconvaws -r - /s390/zaprd1 3390-3
```

```
echo "*****"
echo "* loading zaprd2 *"
echo "*****"
ckdfmt -r -n /s390/zaprd2 3390-3
gunzip -c /mnt/dvd/zaprd2.gz | ckdconvaws -r - /s390/zaprd2 3390-3
```

```
echo "*****"
echo "* loading zaprd3 *"
echo "*****"
ckdfmt -r -n /s390/zaprd3 3390-3
gunzip -c /mnt/dvd/zaprd3.gz | ckdconvaws -r - /s390/zaprd3 3390-3
```

```
echo "*****"
echo "* loading zadis1 *"
echo "*****"
ckdfmt -r -n /s390/zadis1 3390-3
gunzip -c /mnt/dvd/zadis1.gz | ckdconvaws -r - /s390/zadis1 3390-3
```

```
echo "*****"
echo "* loading zadis2 *"
echo "*****"
ckdfmt -r -n /s390/zadis2 3390-3
gunzip -c /mnt/dvd/zadis2.gz | ckdconvaws -r - /s390/zadis2 3390-3
```

```
echo "*****"
echo "* loading zadis3 *"
echo "*****"
ckdfmt -r -n /s390/zadis3 3390-3
gunzip -c /mnt/dvd/zadis3.gz | ckdconvaws -r - /s390/zadis3 3390-3
```

```
echo "*****"
```

```
echo "* loading zadis4 *"
echo "*****"
ckdfmt -r -n /s390/zadis4 3390-3
gunzip -c /mnt/dvd/zadis4.gz | ckdconvaws -r - /s390/zadis4 3390-3
```

```
echo "*****"
echo "* loading zadis5 *"
echo "*****"
ckdfmt -r -n /s390/zadis5 3390-3
gunzip -c /mnt/dvd/zadis5.gz | ckdconvaws -r - /s390/zadis5 3390-3
```

```
echo "*****"
echo "* loading zadis6 *"
echo "*****"
ckdfmt -r -n /s390/zadis6 3390-3
gunzip -c /mnt/dvd/zadis6.gz | ckdconvaws -r - /s390/zadis6 3390-3
```

```
echo "*****"
echo "* loading zacic1 *"
echo "*****"
ckdfmt -r -n /s390/zacic1 3390-3
gunzip -c /mnt/dvd/zacic1.gz | ckdconvaws -r - /s390/zacic1 3390-3
```

```
echo "*****"
echo "* loading zaims1 *"
echo "*****"
ckdfmt -r -n /s390/zaims1 3390-3
gunzip -c /mnt/dvd/zaims1.gz | ckdconvaws -r - /s390/zaims1 3390-3
```

```
echo "*****"
echo "* loading zadb81 *"
echo "*****"
ckdfmt -r -n /s390/zadb81 3390-3
gunzip -c /mnt/dvd/zadb81.gz | ckdconvaws -r - /s390/zadb81 3390-3
```

```
echo "*****"
echo "* loading zadb82 *"
echo "*****"
ckdfmt -r -n /s390/zadb82 3390-3
gunzip -c /mnt/dvd/zadb82.gz | ckdconvaws -r - /s390/zadb82 3390-3
```

```
echo "*****"
echo "* loading zadb83 *"
echo "*****"
ckdfmt -r -n /s390/zadb83 3390-3
gunzip -c /mnt/dvd/zadb83.gz | ckdconvaws -r - /s390/zadb83 3390-3
```

```
echo "*****"
echo "* loading zadb84 *"
echo "*****"
ckdfmt -r -n /s390/zadb84 3390-3
gunzip -c /mnt/dvd/zadb84.gz | ckdconvaws -r - /s390/zadb84 3390-3
```

```
echo "*****"
echo "* loading zadb91 *"
echo "*****"
ckdfmt -r -n /s390/zadb91 3390-3
gunzip -c /mnt/dvd/zadb91.gz | ckdconvaws -r - /s390/zadb91 3390-3
```

```
echo "*****"
echo "* loading zadb92 *"
echo "*****"
ckdfmt -r -n /s390/zadb92 3390-3
gunzip -c /mnt/dvd/zadb92.gz | ckdconvaws -r - /s390/zadb92 3390-3
```

```
echo "*****"
echo "* loading zawas1 *"
echo "*****"
ckdfmt -r -n /s390/zawas1 3390-3
gunzip -c /mnt/dvd/zawas1.gz | ckdconvaws -r - /s390/zawas1 3390-3
```

```
echo "*****"
echo "* loading zawas2 *"
echo "*****"
ckdfmt -r -n /s390/zawas2 3390-3
gunzip -c /mnt/dvd/zawas2.gz | ckdconvaws -r - /s390/zawas2 3390-3
```

```
echo "*****"
echo "* loading zawas3 *"
echo "*****"
ckdfmt -r -n /s390/zawas3 3390-3
gunzip -c /mnt/dvd/zawas3.gz | ckdconvaws -r - /s390/zawas3 3390-3
```

```
echo "*****"
echo "* loading sares1 *"
echo "*****"
ckdfmt -r -n /s390/sares1 3390-3
gunzip -c /mnt/dvd/sares1.gz | ckdconvaws -r - /s390/sares1 3390-3
```

If you have any feedback or questions, please respond to:
sdohelp@svscvm1.vnet.ibm.com