



Softek Replicator for z/OS
Version 3.7.0
Installation Assurance Guide

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REP-Z37IA-001

April 2006

REVISION NOTICE

This is the first release of the Softek Replicator *Installation Assurance Guide* for Version 3 Release 7.0.

ABSTRACT

The Installation Assurance Guide (REP-Z37IA-001) for Softek Replicator for z/OS Version 3 Release 7.0 and the Softek Replicator Session Assistant tool ensures that proper installation of the product and tool can be achieved.

TECHNICAL SUPPORT

To obtain Technical Support on the Softek Storage Solutions Corporation product discussed in this publication, please call 1-800-667-6383.

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Softek Replicator for z/OS Installation Assurance Guide

Purpose

The intent of this document is to ensure the proper installation and use of the Softek Replicator for z/OS software and tools. It is recommended that the appropriate Softek Replicator 3.7 *Installation and Reference Guide for z/OS* (REP-Z37IR-001) and Softek Replicator 3.7 *Session Assistant for z/OS* manual (REP-Z37SA-001) be reviewed and be available on-hand during this process.

If there are questions or concerns, please contact the Softek Global Support Center.

Austria 0800 200 236 then: 05 800 667 6383
Europe 00800 66SOFTEK (no country code required)
USA 1 800 66SOFTEK (1 800 667 63835)

Alternatively, an email may be sent to the Softek Global Support Center at tdmfsupport@softek.com

Customer Information:

Customer Site ID: _____
Site Address: _____

Software Key Information:

	CPU S/N	Model		CPU S/N	Model
1			9		
2			10		
3			11		
4			12		
5			13		
6			14		
7			15		
8			16		

See the Softek Replicator 3.7 *Installation and Reference Guide for z/OS* (REP-Z37IR-001), *Appendix B*, to determine CPU Serial Numbers.

Softek Replicator for z/OS Pre-Installation Checklist

It is extremely important that the following tasks be performed prior to the installation of the Softek Replicator for z/OS product. Please refer to the Softek Replicator 3.7 *Installation and Reference Guide for z/OS* (REP-Z37IR-001) for more details related to each task.

TASK	DESCRIPTION		COMPLETE
1	Softek Replicator for z/OS software keys ¹ requested / received from Softek Storage Solutions?	Yes [] No []	
2	Internet access ² available?	Yes [] No []	
3	Registration on the Softek Replicator for z/OS Technical Support page for automatic notification of web site updates? ³	Yes [] No []	
4	Required IBM Maintenance document reviewed and applicable PTFs applied?		
	MVS	Yes [] No []	
	DFSMS	Yes [] No []	
	JES3	Yes [] No []	
	D/T 2105 (ESS or "Shark")	Yes [] No []	
5	Storage Subsystems support Extended Count-Key-Data (ECKD) Channel Command Words (CCWs)? Older subsystems (pre-3990) may support a subset of the ECKD CCW, which is not sufficient for use with Softek Replicator for z/OS.	Yes [] No []	
6	Current Softek Replicator for z/OS PTF and fixes downloaded and applied? ²	Yes [] No []	
7	MVS executing under VM as a guest machine? If yes, see Chapter 4, topics ' <i>Migration/Replication of Volumes Formatted for VM Use</i> ', ' <i>MVS Running Under VM</i> ', ' <i>Using Devices Previously Formatted for VM</i> ', ' <i>VM Volume Tolerance</i> '	Yes [] No []	

¹ A User ID and Password is required for information that is to be obtained from the Softek Replicator for z/OS Technical Support web site. Receipt of keys ensures that information will be retrievable.

² All Softek Replicator for z/OS PTFs, documentation and Technical Information Bulletins (TIBs) are available via the Technical Support web site. The URL for this site is:
<http://www.softek.com/en/support/replicator/zos/>

³ By registering on the Softek Replicator for z/OS Technical Support web site ("Notification Registry"), automatic notification of all updates (PTFs, TIBs, etc.) and announcements will be sent to those users who are registered. This service provides our customers with timely and important information regarding Softek Replicator for z/OS.

Softek Replicator for z/OS Pre-Installation Checklist - continued

TASK	DESCRIPTION		COMPLETE
8	Is this a JES3 environment? See Chapter 4, topic ' <i>JES3 Considerations</i> '	Yes [] No []	
9	Are four (4) digit UCBs in use? See Chapter 4, topics ' <i>Static, Installation Static and Dynamic Devices</i> ', ' <i>Unit Control Blocks Above the 16Mb Line</i> '	Yes [] No []	
10	Have MIM or GRS parameters been set to support Softek Replicator for z/OS? See Chapter 4, topics ' <i>Unicenter CA-MIM Resource Sharing</i> ' or ' <i>Global Resource Serialization</i> '	Yes [] No []	
11	Is BrightStor CA-ASTEX in use? See Chapter 4, topic ' <i>BrightStor CA-ASTEX Performance</i> '	Yes [] No []	
12	Source and Target volumes have the same volume serial number across all systems? While the device address of a volume may be different between LPARs, the volume serial number must be the same.	Yes [] No []	

Softek Replicator for z/OS Post-Installation Checklist

TASK	DESCRIPTION		COMPLETE
1	Plans to migrate IPL, Spool or Checkpoint volumes? See Chapter 4, topics ' <i>HCD and IODF Files</i> ', ' <i>IPL Volumes</i> ', ' <i>JES Checkpoint and Spool Volumes</i> '	Yes [] No []	
2	Moving from smaller to larger devices? See Chapter 4, topics ' <i>ICKDSF</i> ', ' <i>Migration of RAID and Non-RAID Devices</i> ', ' <i>Migration of Unlike Device Types</i> '	Yes [] No []	
3	Does HLQ.TDM360.TDMLLIB have read/write authority? See Chapter 2, topic ' <i>Security</i> '	Yes [] No []	
4	Will the System Authorization Facility (SAF) be invoked with Softek Replicator for z/OS? See Chapter 2, topic ' <i>System Authorization Facility</i> '	Yes [] No []	
5	Determine the number of LPARs involved for each Softek Replicator for z/OS session. See Chapter 4, topics ' <i>Number of Softek Replicator Sessions</i> ', ' <i>Number of Groups per Softek Replicator Session</i> ', ' <i>Number of Volumes per Softek Replicator Session</i> '	Yes [] No []	

Softek Replicator for z/OS Post-Installation Checklist - continued

TASK	DESCRIPTION		COMPLETE
6	Determine Master System. See Chapter 3, topic ' <i>Placement of the Master System</i> '		
7	Define all Agent Systems.		
8	Is there a File Allocation Manager in use? See Chapter 3, topic ' <i>Placement of the Communications Data Set</i> ' and Chapter 4, topic ' <i>File Allocation Managers</i> '	Yes [] No []	
9	Is Caching turned off at the volume level prior to starting a Softek Replicator for z/OS Session? See Chapter 3, topic ' <i>Storage Subsystem Performance</i> ' and Chapter 4, topics ' <i>Cache Fast Write and Sort Programs</i> ', ' <i>Model 204 Considerations</i> '	Yes [] No []	
10	Target volumes under DFSMS control? See Chapter 4, topic ' <i>Data Facility Products, DFSMS</i> '	Yes [] No []	
11	Source volumes not participating in a duplexing function? See Chapter 4, topics ' <i>Duplexing Functions</i> ', ' <i>Peer-to-Peer Remote Copy Support</i> ', ' <i>XRC Support</i> '	Yes [] No []	
12	Source volumes not participating in extended functions? See Chapter 4, topic ' <i>Extended Functions</i> '	Yes [] No []	
13	Source volumes contain active Local page or Swap data set? See Chapter 4, topic ' <i>Page and Swap Data Sets</i> '	Yes [] No []	
14	Is Model 204 installed? See Chapter 4, topic ' <i>Model 204 Considerations</i> '	Yes [] No []	
15	EMC storage subsystems installed? See Chapter 4, topic ' <i>EMC DASD</i> '	Yes [] No []	
16	RAID storage subsystems installed? See Chapter 3, topic ' <i>Raid Subsystems and Rank Contention</i> ' and Chapter 4, topic ' <i>Migration of RAID and Non-RAID Devices</i> '	Yes [] No []	
17	ISPF Keylist function enabled? See Chapter 2, <i>Post-Installation Tailoring, Item 8</i>	Yes [] No []	
18	Enable Softek Replicator for z/OS TSO Monitor function via ISPF Option 6 (TSO commands)? See Chapter 2, <i>Post-Installation Tailoring, Item 6</i>	Yes [] No []	

Softek Replicator for z/OS Session Assistant Pre-Installation Checklist

Softek Replicator for z/OS Session Assistant is an optional tool for those users who choose to install it. The following tasks should be performed prior to the installation of the Softek Replicator for z/OS Session Assistant Tool. Please refer to the Softek Replicator 3.7 *Session Assistant for z/OS* manual (REP-Z37SA-001) for more details.

TASK	DESCRIPTION		COMPLETE
1	Softek Replicator for z/OS Version 3 Release 7.0 installation completed?	Yes [] No []	
2	All Softek Replicator for z/OS PTFs and PE zaps applied?	Yes [] No []	
3	One of the following SAA REXX/370 Libraries installed? <ul style="list-style-type: none"> ▪ IBM Compiler and Library for SAA REXX/370, Release 3 (FMID HWJ9130) or higher or ▪ IBM Alternate Library for SAA REXX/370, Release 3 (FMID HWJ9123) or higher If neither product has been installed, it will be necessary to install one of the libraries. Refer to the <i>IBM Compiler and Library for SAA REXX/370 User's Guide</i> , SH19-8160-04, Appendix D, for the Alternate Library installation directions.	Yes [] No []	
4	Active IEASYSxx members? 00 _____ _____	Yes [] No []	
5	Active COFVLFxx member? COLVLFxx member name: COFVLF_____	Yes [] No []	
6	Active PARMLIB data sets? PARMLIB data sets in search order 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____ 9. _____ 10. _____ 11. SYS1.PARMLIB (if not listed above)	Yes [] No []	

Softek Replicator for z/OS Session Assistant Pre-Installation Checklist - continued

TASK	DESCRIPTION	COMPLETE
7	<p>PARMLIB member processing rules determined?</p> <p>When the user requests Softek Replicator for z/OS Session Assistant to determine the list of system volumes containing migration sensitive data sets to be excluded, the PARMLIB members are to be processed (RespectIEASYS):</p> <ul style="list-style-type: none"> ▪ According to z/OS and OS/390 rules; only the last keyword and value read are to be used (Yes), or, ▪ Using all keyword values (No). <p>CAUTION: At present, symbolic names used within PARMLIB members are resolved to the values active on the running systems.</p>	<p>Yes []</p> <p>No []</p>

Softek Replicator for z/OS Session Assistant Post-Installation Checklist

TASK	DESCRIPTION	COMPLETE
1	All Softek Replicator for z/OS Session Assistant PTFs and PE zaps applied?	<p>Yes []</p> <p>No []</p>
2	Security rule added to limit access to the Softek Replicator for z/OS Session Assistant EXEC library to prevent unauthorized use of Softek Replicator for z/OS Session Assistant?	<p>Yes []</p> <p>No []</p>
3	Security rule added to limit access to the Softek Replicator for z/OS Session Assistant authorized module TDMAXC to prevent unauthorized use?	<p>Yes []</p> <p>No []</p>
4	<p>Security rules added for authorized users of Softek Replicator for z/OS Session Assistant to read the active PARMLIB data sets?</p> <p>See <i>Pre-Installation Task 6</i> for the list of active PARMLIB data sets.</p>	<p>Yes []</p> <p>No []</p>
5	HLQ.SDRA1200.ISPLLIB added to the active APF data set definition(s)?	<p>Yes []</p> <p>No []</p>
6	HLQ.SDRA1200.ISPLLIB added to the active LNKLSTxx definition(s)?	<p>Yes []</p> <p>No []</p>
7	TDMAXC added to the AUTHTSF section of TSOAUTH in the active IKJTSoxx member of PARMLIB?	<p>Yes []</p> <p>No []</p>

Replicator for z/OS Session Assistant Post-Installation Checklist - continued

TASK	DESCRIPTION		COMPLETE
8	Softek Replicator for z/OS Session Assistant REXX exec customized for site use? Refer to <i>Pre-Installation Task 7</i> for determination of the RespectIEASYS option.	Yes [] No []	
9	JCL skeleton members in HLQ.SDRA1200.ISPSLIB customized for site standards?	Yes [] No []	
10	Active IEASYSxx member list published for Softek Replicator for z/OS Session Assistant users? See <i>Pre-Installation Task 4</i> for the list of active IEASYSxx members.	Yes [] No []	
11	Active COFVLFxx member published for Softek Replicator for z/OS Session Assistant users? See <i>Pre-Installation Task 5</i> for the active IEASYSxx member.	Yes [] No []	
12	Active PARMLIB data set list published for Softek Replicator for z/OS Session Assistant users? See <i>Pre-Installation Task 6</i> for the list of active PARMLIB data sets.	Yes [] No []	

Revision History

This revision history lists all revisions of this publication and their effective dates.

Revision Level	Change Summary
REP-Z371A-001 April 2006	First release of this guide for Softek Replicator Version 3 Release 7.0.