

StorageTek Enterprise Library Software

Read Me First

Version 7.2



Part Number: E37800-02

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1 Introduction

This document provides information necessary for the installation of Oracle's StorageTek Enterprise Library Software (ELS) 7.2 product set.

Please read this important notice before installing the ELS 7.2 products.

2 Release Notes

2.1 Product Highlights

This section highlights key features introduced in ELS 7.2.

Note:

- For a complete list of ELS 7.2 new features, refer to the publication *Introducing ELS 7.2*.
- ELS 7.1 Software Product Enhancements (SPEs) are included as base features in ELS 7.2. For a list of these enhancements, refer to the latest version of the publication *Introducing ELS 7.1*.

2.1.1 Report Flat file Support

ELS 7.2 no longer provides the ability to produce flat file output from the volume, VTV, MVC or VTSS reports. Refer to ELS commands, utilities, and control statements for information about requesting Comma Separated Values (CSV) to produce file output from these report programs. The *ELS Programming Reference* also contains details of the CSV specification. Also see ELS SAMPLIB members MVCRPT, VOLRPT, and VTVRPT for sample jobs that request all possible data in the CSV output.

2.1.2 Journaling Support

ELS 7.2 no longer supports journaling. If you are currently using the journaling option, please review the CDS logging feature and other CDS recovery procedures to ensure that you can recover your CDS if necessary.

2.1.3 SMC Command/Parameter Support

SMC 7.2 no longer accepts any commands or parameters that were previously associated with the following message:

SMC0048 Support ending for CCCCCCCC1, change to CCCCCCCC2

This includes SMC LIBRARY commands, SMC commands with the LIBRARY parameter, and SMC TCPIP commands with the MONITOR parameter.

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2.2 Product Documentation

ELS product documentation for Oracle's StorageTek SMC, HSC, VTCS, and CDRT software is organized in a single documentation set:

- *Introducing ELS*
- *Installing ELS*
- *ELS Command, Control Statement, and Utility Reference*
- *ELS Syntax Quick Reference*
- *ELS Messages and Codes*
- *ELS Programming Reference*
- *ELS Legacy Interfaces Reference*
- *Configuring HSC and VTCS*
- *Managing HSC and VTCS*
- *Configuring and Managing SMC*
- *ELS Disaster Recovery and Offsite Data Management Guide*

These publications are available for download via the Oracle Technical Network:

www.oracle.com/technetwork/indexes/documentation

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3 Installation Notes

- SMC, HSC, VTCS, and CDRT share a common load library, SEALINK.
- The ELS installation tape, CD-ROM, and zip file include a CHGIT REXX exec used to simplify customization of ELS installation sample members according to your requirements.
- Complete instructions for installing the various ELS components is provided in the publication *Installing ELS*. Please refer to the latest version of this publication.
- Ensure that on completion of the apply/accept of the FMIDs that the latest HOLDDATA is received and the latest PTFs are received and applied. Follow your own internal guidelines regarding the SMP/E ACCEPT of the PTFs.
- It is strongly recommended to use GROUPEXTEND on all apply steps.

3.1 Installation Materials

This package includes installation media or a downloaded zip file containing the ELS 7.2 base software.

As part of installation, you must obtain the latest cumulative maintenance (PTFs and HOLDDATA) for the ELS 7.2 product set and for any release of Oracle StorageTek software that will coexist with ELS 7.2.

Download cumulative maintenance from the My Oracle Support (MOS) site:

www.myoraclesupport.com

Visit this site frequently for HOLDDATA and PTF updates and install cumulative maintenance updates on a regular schedule.

Note: PTFs are released monthly to MOS.

3.2 ELS 7.2 SMP/E FMIDs

Select the FMIDs that are required to support your configuration. The following SMP/E FMIDs are distributed with ELS 7.2:

FMID	Description
SSEA720	HSC, SMC, VTCS and CDRT load modules, distributed macros, and samples. This is a base FMID.
SMZ7200	SMC JES3 support load modules, distributed macros, and samples for MVS systems running JES3 Release 5.2.1, JES3 OS/390 Release 1.1 and higher, or JES3 z/OS Release 1.0 and higher. This is a dependent FMID of SSEA720.
SLM7200	LCM 7.2 load modules, distributed macros, and samples. This is a base FMID.
SOC7200	LibraryStation 7.2 load modules and samples. This is a dependent FMID of SSEA720.
SCS7200	MVS/CSC 7.2 load modules, distributed macros, and samples. This is a base FMID.
SSCR70C	SAS/C 7.0 selected components required for LibraryStation and MVS/CSC. This is a base FMID.
SSCR70D	SAS/C 7.0 selected components required for LibraryStation and MVS/CSC. This is a base FMID.

Table 1 ELS 7.2 SMP/E FMIDs

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Note:

- If you are running at an SMP/E level lower than 2.5, ensure that the base FMID(s) and all PTF maintenance for the base FMID(s) is accepted before installing any dependent FMIDs. For certain levels of SMP/E, the restriction applies that a dependent FMID cannot be installed if the base FMID and service have not been ACCEPTED.
- When installing ELS 7.2 in an SMP/E CSI containing earlier NCS versions, the SMP/E installation deletes the FMIDs of all earlier NCS versions; it is therefore recommended that you back up the ELS SMP/E CSI prior to installing the ELS 7.2 product components.

3.3 CD Installation

Refer to the publication *Installing ELS* for the most current installation instructions and examples. The instructions and examples found in that publication always supersede instructions and examples packaged on the CDs.

85M of mainframe storage space in a z/OS Unix filesystem is required to FTP and unpack the SEA72.pax file.

3.4 JES3 Installation Note

In the setup for JES3 there is an opportunity to specify a volume serial for the JES3 macro library for the target zone; however, the same option does not exist for the distribution zone. If you need to specify a volume serial number in the installation job I40ZON, you must manually edit the generated JCL.

3.5 Installation Step I50LIB Creates Two Output Files

Add the following line of JCL to the SYSLIB step (in addition to the existing SMPOUT DD):

```
//SMPRPT DD SYSOUT=( , )
```

This will prevent the I50LIB job from creating two output files.

3.6 Installation of ELS Product Suite Results in Three SMP/E CSIs Being Created

Please be aware that the SMP/E JCL samples provided create 3 CSIs, one for each zone. If a different CSI management strategy is required in your SMP/E environment you will need to supply your own installation JCL or modify the samples provided.

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3.7 Error Message Encountered in I20TST Installation JOB

The SYSTSPRT from the NTSTEST step of the I20TST job may contain the message:

IKJ56228I PATH /U/USERID/.netrc NOT IN CATALOG

If any of the following are true, then ignore this message.

- You intend to use RECEIVE FROMNTS.
- You supply an FTP password in data set 'userid.NETRC'.
- You supply an FTP password in NETRC DD.
- You supply an FTP password in the SMPSRVR data set.

The SMPSRVR data set is described in the following IBM publication:

SMP/E V3R5.0 for z/OS V1R10.0 Commands

Techniques for supplying an FTP password are included in the following IBM publication:

z/OS V1R10.0 Comm Svr: IP User's Guide and Commands

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4 ELS 7.2 Coexistence with Previous Releases

Note: ELS 7.2 is not compatible with any releases prior to 6.2.

4.1 SMC 7.2

SMC 7.2 is compatible with the following software releases:

- HSC/VTCS 7.2 on same host
- HSC/VTCS 6.2, 7.0, 7.1, and 7.2 on different host
- MVS/CSC 7.2 only

4.2 HSC/VTCS 7.2

HSC/VTCS 7.2 is compatible with the following software releases:

- SMC 7.2 on same host
- SMC 6.2, 7.0, 7.1 and 7.2 on different host
- LibraryStation 7.2 only
- ExPR 6.1 only

4.3 ELS 7.2 Compatibility PTFs

With proper compatibility PTFs, ELS 7.2 can share a CDS with any previous ELS or HSC release beginning with HSC 6.2.

Before attempting to start ELS 7.2, ensure that the following compatibility PTFs are installed on the down-level releases that share the CDS.

Product (FMID)	Compatibility PTF
HSC (VM) 6.2 (SMS6200)	L1H16N6
HSC (MVS) 6.2 (SOS6200)	L1H16N7
ELS 7.0 (SSEA700)	L1H16N8
ELS 7.1 (SSEA710)	L1H16N9, L1H172A

Table 2 ELS 7.2 Compatibility PTFs

Note:

- All ELS software running on the same host must be at the same release level.
- SMC 7.2 is completely compatible with HSC 6.2, 7.0, or 7.1 (with compatibility PTFs listed below) running on a different host.
- SMC 6.2, 7.0, and 7.1 are completely compatible with HSC 7.2 running on a different host.

In addition it is strongly recommended that you obtain the latest service (including HOLDATA) for the down-level hosts systems.

The suggested method of implementing 7.2 is to:

1. Install the latest service on production hosts.
2. Install 7.2 on a test host(s).
3. Test and verify 7.2 on test host(s).
4. Schedule the rollout of 7.2 to production hosts.