

StorageTek Enterprise Library Software

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Version 7.3

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ELS 7.3.0 Read Me First

Contents

1 INTRODUCTION.....	2
2 RELEASE NOTES.....	2
2.1 PRODUCT HIGHLIGHTS.....	2
2.1.1 VSM6 32Gb VTV Support.....	2
2.1.2 XAPI Security.....	2
2.1.3 SMC Support for XAPI Client Interface to ACSLS.....	3
2.2 PRODUCT DOCUMENTATION.....	4
3 INSTALLATION NOTES.....	5
3.1 INSTALLATION MATERIALS.....	5
3.2 ELS 7.3.0 SMP FMIDS.....	5
4 ELS 7.3 COEXISTENCE WITH PREVIOUS RELEASES.....	6
4.1 SMC 7.3.....	6
4.2 HSC/VTCS 7.3.....	6
4.3 ELS 7.3 COMPATIBILITY PTFs.....	6

Tables & Figures

Index of Tables

TABLE 1 ELS 7.3.0 SMP FMIDS.....	5
TABLE 2 COMPATIBILITY PTFs.....	6

ELS 7.3.0 Read Me First

1 Introduction

This document provides information necessary for the installation of Oracle's StorageTek Enterprise Library Software (ELS) 7.3.0 product set.

Please read this important notice before installing the ELS 7.3.0 products.

2 Release Notes

2.1 Product Highlights

This section highlights key features introduced in ELS 7.3.

Note:

- For a complete list of ELS 7.3 new features, refer to the publication *Introducing ELS 7.3*.
- ELS 7.3 Software Product Enhancements (SPEs) are included as base features in ELS 7.3. For a list of these enhancements, refer to the latest version of the publication *Introducing ELS 7.3*.

2.1.1 VSM6 32Gb VTV Support

In addition to existing 400MB, 800MB, 2GB, and 4GB VTV sizes, ELS 7.3 supports VSM6 32GB VTVs.

2.1.2 XAPI Security

ELS network clients (SMC, VM Client) use an XML-based TCP/IP network API to communicate requests to ELS Servers (HSC/VTCS.) ELS 7.3 uses ELS client username and password credentials to secure XAPI client/server communications.

Caution:

ELS 7.3 XAPI security is enabled as a default in the SMC HTTP server. If you do not perform the required setup for both SMC clients and server, then you will NOT be able to use SMC release 7.3 as a remote HTTP server. The SMC release 7.3 XAPI security feature for client-server communications may be disabled at the server for all clients, or for specific clients, but SMC TCP/IP client-server communications will NOT work if you simply use your prior release SMC startup parameters with release 7.3. Refer to the publication *Configuring and Managing SMC* for required setup for XAPI security for client-server communication.

ELS 7.3.0 Read Me First

2.1.3 SMC Support for XAPI Client Interface to ACSLS

SMC now supports an XAPI client interface to an ACSLS server (Release 8.4 or later) with the XAPI service enabled.

See "XAPI Client Interface to ACSLS Server" in *Configuring and Managing SMC* for more information. Also, refer to the ELS publication *XAPI Client Interface to ACSLS Server Reference*.

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2.2 Product Documentation

ELS 7.3 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 included on the documentation CD included in the ELS package. They are also available online at <http://www.oracle.com/technetwork/indexes/documentation>

ELS 7.3.0 Read Me First

3 Installation Notes

- SMC, HSC, VTCS, and CDRT share a common load library, SEALINK.
- 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 ACCEPT of the PTFs.

3.1 Installation Materials

The following installation materials are included in this package:

- Media or file containing the ELS 7.3.0 software.
- Media or file containing PTFs for the ELS 7.3.0 product set.

As part of installation, you must obtain the latest cumulative maintenance (PTFs and HOLDDATA) for the ELS 7.3 product set and for any release of Oracle StorageTek software that will coexist with ELS 7.3.

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

<http://www.myoraclesupport.com/>

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

Note: ELS PTFs are released monthly to MOS.

3.2 ELS 7.3.0 SMP FMIDs

Select the FMIDs that are required to support your configuration. The following SMP FMID is distributed with ELS 7.3.0:

FMID	Description
SEA@730	HSC, SMC, VTCS and CDRT load modules, distributed macros, and samples. This is a base FMID.

Table 1 ELS 7.3.0 SMP FMIDs

Note:

- 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, the restriction applies that a dependent FMID cannot be installed if the base FMID and service have not been ACCEPTED.
- When installing ELS 7.3.0 in an SMP PRJ containing earlier NCS versions, the SMP installation deletes the FMIDs of all earlier NCS versions; it is therefore recommended that you back up the ELS SMP PRJ prior to installing the ELS 7.3 product components.

ELS 7.3.0 Read Me First

4 ELS 7.3 Coexistence with Previous Releases

4.1 SMC 7.3

SMC 7.3 is compatible with the following software releases:

- HSC/VTCS 7.3 on same host
- HSC/VTCS 6.2, 7.0, 7.1, 7.2, and 7.3 on different hosts

4.2 HSC/VTCS 7.3

HSC/VTCS 7.3 is compatible with the following software releases:

- SMC 7.3 on same host
- SMC 6.2, 7.0, 7.1, 7.2, and 7.3 on different hosts
- ExPR 6.1 only

4.3 ELS 7.3 Compatibility PTFs

Before attempting to start 7.3.0 ensure that the following compatibility PTFs are installed on the down-level releases that share the CDS.

SMC 7.3 is completely compatible with HSC 7.1 and 7.2, (with compatibility PTFs listed below) running on the same or a different host. In addition, SMC 7.1 and 7.2 are completely compatible with HSC 7.3 running on the same or a different host.

Product (FMID)	Compatibility PTF
ELS 7.1 (SEA@710)	LF710H4
ELS 7.2 (SEA@720)	LF720BH

Table 2 Compatibility PTFs

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

The suggested method of implementing 7.3.0 is to:

1. Install the latest service on production hosts.
2. Install 7.3.0 on a test host(s).
3. Test and verify 7.3.0 on test host(s).
4. Schedule the rollout of 7.3.0 to production hosts.