StorageTek
Enterprise Library Software

Read Me First

Version 7.1

Read Me First ELS 7.1

E38014-01

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ELS 7.1.0 Read Me First

Contents

Tables & Figures

Index of Tables

Revision 01 November 2012

ELS 7.1.0 Read Me First

1 Introduction

This document provides information necessary for the installation of Oracle's StorageTek Enterprise Library Software (ELS) 7.1.0 product set.

Please read this important notice before installing the ELS 7.1.0 products.

2 Release Notes

2.1 Product Highlights

This section highlights key features introduced in ELS 7.1.

Note:

■ For a complete list of ELS 7.1 new features, refer to the publication *Introducing ELS 7.1.*

■ ELS 7.0 Software Product Enhancements (SPEs) are included as base features in ELS 7.1. For a list of these enhancements, refer to the latest version of the publication *Introducing ELS 7.0*.

2.1.1 VTCS Dynamic Reclaim

Dynamic Reclaim addresses the issue of excessive MVC reclaim resource consumption by allowing areas of tape occupied by stale data to be reused in place.

Dynamic Reclaim is supported only for Oracle's StorageTek T10000 tape drive (T10000B and above), and requires a VTCS CDS level of H.

Refer to the publication *Configuring HSC and VTCS* for more information.

2.1.2 TAPEPlex commands required at SMC Startup

In SMC7.1 the ability to derive TapePlex definitions based on locally defined subsystems is removed. Instead, all TapePlexes must be defined using the TAPEPlex command. If no TAPEPlex commands are found at SMC startup, the SMC subsystem terminates.

In ELS 7.0 and above the SMC TapePlex name is automatically inserted into the HSC CDS and is used for HSC statistical reporting. HSC also provides a SET TAPEPlex utility function to change the TapePlex name in the CDS if desired.

Refer to the following publications for more information:

■ *Configuring and Managing SMC*

■ *ELS Command, Control Statement, and Utility Reference*

ELS 7.1.0 Read Me First

2.1.3   *Library Locations in Decimal*

Use of the decimal library location representation will allow clients to be server agnostic whether they are communicating with HSC or ACLS, and avoids the complexity of supporting formats for both products.

All HSC commands that accept ACS, LSM or CAP input now require the ACS, LSM and CAP to be specified in decimal rather than hexadecimal. All commands where both ACS and LSM are input require a format of *AA:LL*.

All library location fields, including ACS, LSM and CAP IDs are treated as decimal values, rather than hexadecimal values as they were in previous releases.

Refer to the *ELS Command, Control Statement, and Utility Reference* for more information.

2.1.4   *Journaling Support*

Journaling continues to be supported for ELS 7.1. However, this support will be discontinued in the next ELS release. 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.

2.2   Product Documentation

ELS 7.1 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 7.1.0 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 7.1.0 software.

- Media or file containing PTFs for the ELS 7.1.0 product set.

In addition, you must obtain the latest maintenance (PTFs and HOLDDATA) for the ELS 7.1.0 product set and for any releases of Oracle StorageTek software that will co-exist with ELS 7.1.0. Download maintenance from the SunSolve website at:

http://sunsolve.sun.com/handbook_pub/validateUser.do?target=STK/STK_index

or by calling Oracle StorageTek Software Support at 1 (800) 872-4786 and ordering an all-PTF tape.

3.2   ELS 7.1.0 SMP FMIDs

Select the FMIDs that are required to support your configuration. The following SMP FMIDs are distributed with ELS 7.1.0:

FMID	Description
SEA@710	HSC, SMC, VTCS and CDRT load modules, distributed macros, and samples. This is a base FMID.
SMZ@710	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 Release 1.0 and higher. This is a dependent FMID of SEA@710.

Table 1 ELS 7.1.0 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 7.1.0 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 7.1 product components.

4 ELS 7.1 Coexistence with Previous Releases

4.1 SMC 7.1

SMC 7.1 is compatible with the following software releases:

- HSC/VTCS 7.1 on same host
- HSC/VTCS 6.1, 6.2, 7.0, and 7.1 on different host

4.2 HSC/VTCS 7.1

HSC/VTCS 7.1 is compatible with the following software releases:

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

4.3 ELS 7.1 Compatibility PTFs

Before attempting to start 7.1.0 ensure that the following compatibility PTFs are installed on the down-level releases that share the CDS.

SMC 7.1 is completely compatible with HSC 6.1, 6.2, and 7.0 (with compatibility PTFs listed below) running on the same or a different host. In addition, SMC 6.1, 6.2, and 7.0 are completely compatible with HSC 7.1 running on the same or a different host.

Product (FMID)	Compatibility PTF
HSC 6.1 (SO@6100)	LF610S0, LF610V8
SMC 6.1 (SMC6100)	N/A
VTCS 6.1 (SW@6100)	N/A
SMC 6.2 (SMC@620)	N/A
HSC 6.2 (SOS@620)	LF620FN, LF620S8
VTCS 6.2 (SWS@620)	N/A

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 7.1.0 is to:

1. Install the latest service on production hosts.
2. Install 7.1.0 on a test host(s).
3. Test and verify 7.1.0 on test host(s).
4. Schedule the rollout of 7.1.0 to production hosts.