

Release Notes

eXadas Data Integrator™ OS/390 2.2

WARNING: This document contains updates to the eXadas Data Integrator product that are not included in the current OS/390 documentation. It is strongly recommended that you review this documentation prior to attempting to install or configure your eXadas System.

October, 2002

Copyright 1993–2002 CrossAccess Corporation. All rights reserved.

This publication may not be reproduced, stored in a retrieval system or transmitted in whole or part, in any form or by any means, electronic, photocopy, recording or otherwise, without the prior written consent of CrossAccess Corporation.

The CrossAccess Corporation logo, eXadas, the eXadas Data Integrator, and eXadas are trademarks of CrossAccess Corporation. Other products and services referred to herein are or may be the trademarks of their respective owners.

CrossAccess Corporation
One Tower Lane, Suite 1700
Oak Brook Terrace IL 60181
(630) 928-3708 or (800) 427-6774
FAX: (630) 954-0554

CrossAccess Corporation
2900 Gordon Ave., Suite 100
Santa Clara CA 95051
(408) 735-7545 or (800) 982-9911
FAX: (408) 735-0328

Technical Support: (800) 982-9911

Introduction

These release notes contain descriptions of the new features, performance improvements, enhancements, and updates to the eXadas Data Integrator™ (eXadas) documentation for OS/390.

The documentation contained on the CD-ROM included in your product shipment can only be viewed with Adobe Acrobat Reader, version 4.0 or higher. A copy of the Reader is included on the CD-ROM. See the README file on the CD for additional information about using Acrobat Reader to view or print the eXadas documentation from the CD.

New Features, Functions, and Changes

The following features, functions, and changes are contained in this release.

- New supported datasource. IAM (Innovation Access Method) is a reliable, high-performance disk file manager that can be used in place of VSAM KSDS and ESDS data sets. eXadas also supports the optional Alternate Index feature found in IAM.
- Open Meta Data catalog support. Access is made available to the internal information stored in the eXadas System Catalog. This feature provides access to the DB2, eXadas, and DBMS-specific information.
- SQL Update/Insert/Delete. eXadas supports updating application data in a secure transaction environment. Changes to data can be aggregated and committed as a single logical unit of work and can also be backed out in the event of unexpected application errors. All eXadas data sources are supported: Adabas, Datacom, DB2, IDMS, IMS, Sequential, and VSAM.
- The steps required to set up an Adabas-specific environment have changed. Adabas users no longer need to copy the ADALNKR load module to the eXadas load data set. A sample job, CACADAL, is provided to create and populate the eXadas load data set with the CACADABS and ADALNK modules needed for ADABAS access. See [Chapter 5, “Bringing Adabas On Line”](#) in the *eXadas Data Integrator OS/390 Getting Started Guide* for more information.
- IDMS Native VSAM support. IDMS supports accessing Native VSAM KSDS, RRDS, and ESDS files as though there were standard IDMS records in a database schema.
- Server License Key Support. Server initialization is now controlled by a 32-character license key string. The encrypted license key is an expiration date. Descriptions of the relative WTO error and warning messages can be found in the *eXadas System Messages Guide*.

All pre-v2.2.4 releases will need to have the following DD entry added to the data server:

```
//CACLIC DD DISP=SHR,DSN=&CAC..V2R2M04.SCACCONF(CACLIC)
```

- The IDMS USE Grammar was enhanced to allow mapping of IDMS record elements that are character fields greater than 254 bytes. These fields will now be mapped as two columns, one for the first 254 bytes and one for any bytes over 254. Description of this change and the syntax are included in the *Utilities* chapter of the *eXadas Data Integrator OS/390 Reference Guide*.
- RUNSTATS is no longer supported.

Updated Configuration Parameters

[Appendix A, “Configuration Parameters”](#) in the *eXadas Data Integrator OS/390 Reference Guide* contains syntax, descriptions, usage, permitted values, and examples for all of the eXadas parameters.

- SERVICE INFO ENTRY. New functionality added for the VSAM service, CACVSMS.

The VSAM Service manages VSAM RPLs to allow multiple users to share access to an open file. The following default SERVICE INFO ENTRY for the VSAM Service opens VSAM datasets on first use and closes them on last use.

```
SERVICE INFO ENTRY = CACVSMS VSAMSRV 2 1 1 50 4 5M 5M  
NO_DATA
```

An optional setting for field10 is CLOSE_ON_IDLE. This enables the VSAM Service to keep the VSAM datasets open when the usage count goes to zero unless the file has been inactive for more than the specified idle time (field9). The close will occur if the VSAM dataset has exceeded the idle time.

- New Parameters: STATEMENT RETENTION and INTERLEAVE INTERVAL.
- Obsolete Parameters: IDLE TIME OUT, QP REWRITE QUERY, and OME.

Updated Samples

Record Exit, CACSX08. This exit supports a new UPDATE function to allow the records to be put back in the format that needs to be written to the file. For example, if the PROCESS function decompresses a record, the UPDATE function would compress it.

Software Updates

This section contains additional updates applicable to the eXadas software.

Product Members Renamed

All of the eXadas product members have been renamed with a new prefix of “CAC.” This includes all sample, configuration, load modules, and SMP/E. This conversion was completed and became available in release V2.2.3. User changes are required in order to utilize this maintenance upgrade. The following instructions are required to migrate to this maintenance release.

NOTE: No changes are needed if V2.2.3 or later is the initial installation.

Upgrade from V2.2.3

For the new license key support, add a DD entry in the SCACSAMP members CACDS and CACES:

```
//CACLIC DD DISP=SHR,DSN=&CAC..V2R2M04.SCACCONF(CACLIC)
```

Upgrade from V2.2.1

Perform the following updates if you are upgrading from eXadas version 2.2.1:

1. Configuration members, where applicable.
 - a. Server configuration file (CXADSCF).

Rename all of the load module names (field 1) defined within SERVICE INFO ENTRY parameters and all of the exit parameters to a “CAC” prefix. For example change “CXAQP” to “CACQP” and “CXASX04” to “CACSX04”.
 - b. Enterprise Server configuration file (CXAESCF).

Rename all of the load module names (field 1) defined within SERVICE INFO ENTRY parameters to a “CAC” prefix. For example change “CXADSH” to “CACDSH.”
 - c. Query Processor override configuration file (CXAQPCF). Rename all of the exit parameters to a “CAC” prefix, for example change “CXASX03” to “CACSX03.”

2. JCL members, where applicable.
 - a. Update all EXEC program names to a "CAC" prefix. For example, change "EXEC PGM=CXACNTL" to "EXEC PGM=CACCNTL."
 - b. Update all DD names to a "CAC" prefix. For example, change "CXACAT" to "CACCAT."
 - c. For the new license key support, add a DD entry in the SCACSAMP members CACDS and CACES:

```
//CACLIC DD  
DISP=SHR,DSN=&CAC.V2R2M04.SCACCONF(CA CLIC)
```

3. Sample exits, where applicable.
 - a. Recompile and link the new V2.2.x samples.

Upgrade from Pre-V2.2.1

Perform the following updates if you are upgrading from an eXadas version prior to version 2.2.1.

1. Transfer all existing member settings to the newly installed V2.2.x members. This includes configuration, JCL, sample exits, and all applicable eXadas members.
2. Regenerate new eXadas data catalogs by using the existing Use Grammar as input to the new CACMETAU job.