

Re: Dec RDB V6.1-14 under VMS 6.2

Source: <http://unix.derkeiler.com/Newsgroups/comp.os.vms/2005-05/1252.html>

From: Keith Cayemberg (*keith.cayemberg_at_arcor.de*)

Date: 05/18/05

Date: Wed, 18 May 2005 19:28:14 +0200

NightspeedIT wrote:

> **HELP!!!**
>
> *I am the technical support person for Nightspeed Services Ltd in*
> *Tipton, UK.*
>
> *We have been using RDB V6.1-14 under VMS 6.2 for several years with a*
> *major hitch but suddenly, two days ago we started to get large numbers*
> *of...*
>
> *%RDB-E-BAD_TRANS_HANDL, invalid transaction handle*
>
> *.... errors. There have been no changes made to the system as far as I*
> *am aware.*
>
> *I have very scant knowledge of RDB internals and Oracle don't seem to*
> *interested in helping me (I know we don't have a support contract but I*
> *did offer to pay to speak to someone on the phone!)*
>
> *Is there anyone out there who might be able to help?*
>
> *Thanks*
>
> *Derek Cowdrey*
>

Hi Derek,

That is still not much information to go on for an analysis. This error is usually preceded by another error message indicating the real cause of the problem. The transaction handle error means that the transaction context has (for some reason) been lost or not correctly established before attempting to perform an operation requiring that transaction context. Here is the documentation for this error message...

BAD_TRANS_HANDLE, invalid transaction handle

Explanation: You may have attempted a commit or rollback operation when no transaction is active. For example, your program may execute the same set of actions to handle all fatal errors. If those actions include a rollback operation, the rollback operation will generate the BAD_TRANS_HANDLE error after a fatal error occurs on database attachment or on an attempt to start a transaction. The BAD_TRANS_HANDLE error occurs because you cannot end a transaction when no transaction has been started.

(RCI and RDML users) If you declared a variable as an explicit transaction handle, you: a) may not have set the variable to zero before starting the transaction or b) may have modified the variable after it was set by the database system.

User Action: Do not execute commit or rollback operations when a transaction is not active. Alternatively, you may choose to specifically check for this error after execution of commit and rollback operations, and branch to program recovery actions when appropriate.

(RCI and RDML users) If you explicitly declared a transaction handle variable in your program, set the variable to zero before referring to it. Make sure that your program does not write to this variable after initializing its value.

Maybe you could describe more what was being done, and how, at the time of the error? Where do you see the error (application screen or log file)? What tools or languages are being used by the application? You should probably check for dump or log files at the application directory, the user directory, the user's SYS\$SCRATCH directory or at the directory pointed to by the logical RDM\$BUGCHECK_DIR.

Eventually, a successful analysis may require a qualified person with access to the code and a system that is producing the error.

I think (especially if you were offering money) you were probably talking to the wrong people at Oracle. I would suggest contacting one of the persons listed at the following web page...

<http://www.oracle.com/technology/products/rdb/Contacts/index.html>

Ingrid Klein should be able to help you get in contact with a qualified person in Oracle Support.

There are also several Rdb Consultants worldwide who would be happy to have your business...

achi Informatik Dienstleistungen – Switzerland

<http://www.achi.ch/>

ACS – operations in nearly 100 countries worldwide

<http://www.acs-inc.com/>

ALI/Empirical Software – USA

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

Bethinda – Netherlands

<http://www.bethinda.nl/en/index.html>

BIOS Software GmbH – Germany

<http://www.bios-software.de/bios/index.htm>

Colin Sewell OpenVMS Consulting Services – Canada

<http://www3.telus.net/csewell/>

Contemporary Technologies – USA

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

DCU – Data Collections Unlimited, Inc. – USA

<http://www.dcu-inc.com/>

Equicon – Germany

<http://www.equicon.de/>

Evenlogic, Software House, South West London, England

<http://www.evenlogic.co.uk/index.html>

First DBA Source, Inc. – USA

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

GAP – UK

<http://www.gap.co.uk/>

http://www.gap.co.uk/oracle_RDB.html

ITurnITy Information Group – Netherlands

http://www.iturnity.com/index_uk.htm

JCC Consulting, Inc. – USA

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

Keane, Inc. – India Subsidiary

<http://www.keane.com/about/worldwide/country.php?state=II&country=India>

M Squared Consulting, Inc. – USA – ALL-IN-1, TeamLinks, Linkworks,
Pathworks, Rdb – Partner Brief

<http://www.openvms.compaq.com/partners/m-squared/index.htm>

MainTrend Ltd. – USA and Canada

<http://www.maintrend.net/>

Meyering Software Productions b.v. – Netherlands

http://www.mspbv.nl/msp_index.htm

Praxa Ltd – Australia

<http://www.praxa.com.au/>

RKS – Sweden

<http://www.rks.se>

Salem Automation – USA and Puerto Rico

<http://www.winvms.com/about.html>

SCI – USA

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

SEKA–Service–Programing – Germany

<http://www.seka.de/e/service/Programing.htm#Programmierung>

SIT System– und Informations–Technik GmbH – Germany

<http://www.sit-germany.de/indexen.html>

Softax – Poland

<http://www.softax.pl>

STI – Soluções em Tecnologia da Informação – Brazil

<http://www.stinfo.com.br/>

TE&PJ Contractors – New Zealand

<http://www.jerrom.co.nz/>

VX Company – Netherlands

<http://www.vxcompany.nl/>

Yartoo Software – Australia

<http://www.yartoo.com.au/>

There are probably many others which I don't have listed.

You may also consider joining the JCC Rdb Listserver discussion and informal support group. Instruction for joining are at...

<http://www.jcc.com/listserver.htm>

Cheers!

Keith Cayemberg