

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

*Source:* <http://unix.derkeiler.com/Newsgroups/comp.os.vms/2005-05/1404.html>

---

*From:* Richard Maher ([maher\\_rj\\_at\\_hotspamnotmail.com](mailto:maher_rj_at_hotspamnotmail.com))

*Date:* 05/20/05

Date: Fri, 20 May 2005 10:42:56 +0000 (UTC)

Hi,

What's the big deal? Surely with those outdated versions and no support contract, this system can't be doing anything important. Can it? What does Nightspeed do? Do they have any customers or shareholders that read this group :-)

Ok, sorry to be a pain and now I'll try to help. But it just drives me nuts how many other companies out there just like yours (and some of them are VERY big and profitable) are too cheap to supply the resource levels required. (And the number of Rdb bodies out on the street.) Insurance eh, who needs it?

Anyway, you say nothing's changed so without much information to go on, I'll offer two guesses FWTW

1) You've started to get a lot of deadlocks (any other errors logged to user screens etc?) maybe a sorted index is looking a bit crappy after years of neglect. If your error-handling code is rolling back the transaction so as to recover from the deadlock then maybe the code is incorrectly proceeding to the otherwise legitimate commit/rollback.

2) Some part of the database has grown and the number of rows has led to an internal array blowing up and if your transaction handles are in memory after the array. Is the system written in Pascal, RDML, RDO? Do you declare your own transaction handles? Sadly, I have seen production systems where people simply ignore this error :-). Often, they're using a specific database handle in one module but accepting the default rdb\$dbhandle in the other. Then they say "That module does what we want let's call that" and they end up with two attaches to the database each with its own transaction context. So a transaction could be started in one attach and you're trying to commit it in another. Are you using SQL Connections?

Any more information? How many times does RMU say each user is attached to the database? Is it only one specific module/option?

Regards Richard Maher

"NightspeedIT" <derek.cowdrey@nightspeed.com> wrote in message  
news:1116430491.529600.205410@f14g2000cwb.googlegroups.com...

> *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*

>