

STATUS REPORT - February 2007

Move to Postures, Build OB7.2

The team leader has been working with the RFC Support Group troubleshooting the many and wide variety of problems that have cropped up as RFCs do the ob7.2 install on the RAX. So far, the ob7.2 rax install can be described as the good, the bad and the ugly, depending on which RFC it is. Information on the problems and any solution or work-around is provided to the RFCs as quickly as possible, in hopes that the next RFC doing the install will benefit from the “lessons learned” of the previous RFC.

Once a RFC completes the install, the RFC should review the “Getting Started” section of the ob7.2 online documentation. This document can be found at:

http://www.nws.noaa.gov/oh/rfcdev/docs/A4_gettingstarted.pdf

Postgres ob7.2 raw shefdecoder posting performance

Yes, the team leader and the RFC Support Group know there can be a problem with the posting performance of the shef_decode_raw application. They are in the process of collecting information to try and get a handle on this problem. This “random” extreme slowness has not occurred on the test system at nhdr and the raw shefdecoder has been running there for over a year. Once your office is on ob7.2 it is suggested that you monitor the performance of the raw shefdecoder. If the records/second posting rate you calculate is less than 10, then you have a problem. Contact the RFC Support Group. If your posting rate is around 20 records/second you may or may not have a problem, it depends on the message load to the raw shefdecoder. Testing indicates that under current configuration posting rate of 50 to 60 records/second is probably about the best you can expect.

Please read the online document on log_stats.tcl, this will allow you to get a feel of the posting performance your site. The document can be found at:

http://www.nws.noaa.gov/oh/rfcdev/docs/M5_logstatsOB72.pdf

New to the Web

A chart of the baseline layout of the /rfc_arc partition is now available, it can be found at: http://www.nws.noaa.gov/oh/rfcdev/docs/B7_rfc_arc.pdf

Unfortunately the ob7.2 install may have restored some old executables and scripts to the RAX that the “cleanup old files” script did not remove. This chart can help you clean up your /rfc_arc directory. If you don’t have a lot of local scripts and data files

stored in the `/rfc_arc` partition, then when you do a “df” command on the ax, `/rfc_arc` should be about 9% full.