



TurboGold Enterprise Edition

Release 3 Build 5.30p

Release Notes

June 2005

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- TurboGold AutoZip
 - Enhancement of TGZIP to maintain read/unread marks after the server utility zips attachments
 - Added -b option that calls the Domino compact routine to automatically reclaim storage space after the TGZIP Utility runs.
 - Incorporated the TGZIP Server Utility for AIX and AS400
 - Added two TGZIP Server Utility parameters to base the aging of attachments eligible for zipping.
 - -oc<days> is the parameter to zip attachments based on the creation date
 - -o<days> is the parameter to zip attachments based on the last modified date.
 - Added the TGZIP Server Utility -c option parameter that lowers TGZIP's Process Priority in relationship to Domino. (Windows only)

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- TurboGold Enterprise Edition
 - Notes Acceleration: TurboStreaming of all replication, mail routing, and on-line document retrievals including attachments. TurboStreaming represents a new highly optimized interface to TCP in order to overcome window-size limitations that inhibit full utilization of network bandwidth when moving large streams of data. Our tests show an improvement of between 25 and 800 per cent depending on the link speed and latencies for objects that have already been compressed!
 - Single Multicasting Hub: Further enhanced our multicaster feature to eliminate the previous requirement that the multicast subscriptions can only occur with a replication partner. Now a single multicasting hub can broadcast updates to common databases to all spokes in an infrastructure.
- TurboGold AutoZip
 - AutoZip Server Utility - events are now recorded into the tgoldstat.nsf

KNOWN PROBLEMS

Client/Server

There is a discrepancy in the database usage statistics in log.nsf when TG accelerates replications.

If port encryption is enabled and "Share password with add-in tasks" is not checked, then the user will be prompted for a password. This is necessary because the NTGCLHAP.EXE component must access the private key of the user.id file. This was not a problem in 3.28 because we didn't support port encryption at all.

If user chooses to encrypt a database locally and "Share password with add-in tasks" is not checked, then the user will be prompted for a password. This is necessary because the NTGCLHAP.EXE component must access the private key of the user.id file. This problem also exists in 4.0.

AIX: Starting with R5.09, you must run the following commands after installing the ".bff" file with smit:

```
"cd /opt/turbogold"
```

```
"/opt/lotus/notes/latest/ibmpow/dataseg -s turbogold"
```

Otherwise, the Domino server will report that there is insufficient shared memory to run turbogold.

TurboGold EE client does not support advanced replication options of R6. TGWA - multiget does not work over SSL.

Server-to-Server

If Notes is started as NT service then TG-SS will not accelerate replications initiated from Notes client

There is an incompatibility between the IWAPIMON function of Candle's Intelliwatch and TurboGold which causes the replicator to crash when a replication is initiated at a Domino server. Candle has implemented a fix for this but it is not Release 3 Build yet.

For AIX, EXTSHM=ON should be set as an environment variable, otherwise the Domino server may run out of shared memory regions, without EXTSHM=ON there is a limit of 11 regions. TG-SS uses a shared memory region for each concurrent replicator.