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## TurboGold® Enterprise Edition

Installing on IBM pSeries (AIX) Servers

Data Movement

Data Storage

Data Control

Web Acceleration

**STAMPEDE**<sup>®</sup>  
TECHNOLOGIES, INC.

Stampede – software that moves<sup>®</sup>

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## Using this document

This document describes the installation procedure for installing the TurboGold Enterprise Edition Verifier (Client-to-Server) and the TurboGold Enterprise Edition Verifier (Server-to-Server) on Domino RS/6000 servers running AIX.

### Document organization

The information in this manual is organized as follows:

#### Chapter 1—Introduction

Provides system requirements and information needed prior to installing.

#### Chapter 2—Installing TurboGold on pSeries Servers

Provides instructions on installing TurboGold.

#### Chapter 3—What's next

What to do after installing.

#### Index

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# 1. Introduction

TurboGold runs as an add-in task on the Domino server.

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## System requirements

- ◆ AIX Version 4.3.2 or higher
- ◆ Domino version 4.65 or higher

## 2. Installing TurboGold on pSeries servers

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### Installation procedure

1. Copy the installation image from the CD to your RS/6000 and then install with smit.
  - Log in as root.
  - Copy the .bff file from the /AIX directory of the CD to a temporary location.
  - Change to the temporary location directory where you copied the .bff file.
  - Remove any existing .toc file



When looking for an occurrence of this file, use the command `ls -a .toc` otherwise it may not be apparent that the file is there.

- Run `smit install_latest`.
- Enter `./` when prompted for the input device directory
- Press F4 to get a list of the available software
- Select **Stampede Turbogold Advanced Server**. Press Enter.



If using FTP, the file should be copied in binary format versus ASCII.

2. The smit install will have created a directory called `/opt/turbogold`. Now you must perform some manipulations of the files in this directory.
  - `cd /opt/turbogold`

3. Change ownership of the template files to the Domino user account and then copy them to your Domino data directory. For example:

```
chown notes:notes *.ntf
```

```
cp -p *.ntf "/Domino data directory"
```

4. Edit the notes.ini file of the Domino server

- log in as **notes** (or the account used by the Domino server).

- **CLIENT-TO-SERVER** If TurboGold Client-to-Server verifier has been licensed, append line:

```
Tg.SerialNumber=xxxx-xxxxxx-xxx
```

where *xxxx-xxxxxx-xxx* is the Stampede serial number.

- **SERVER-TO-SERVER** If TurboGold Server-to-Server has been licensed, append/modify lines:

```
Tg.SS_SerialNumber=xxxx-xxxxxx-xxx
```

```
Extmgr_addins=tgnotes
```

where *xxxx-xxxxxx-xxx* is the Stampede serial number.



If there is already an entry for Extmgr\_addins, insert "tgnotes" in the front of the list, for example: Extmgr\_addins=tgnotes,aaaaa,bbbb

- Append the line:

```
Tg.VerifierDBName.Notes=ServerName
```

where *ServerName* is the name of the Domino server that clients will use to locate this verifier. If this is omitted, the verifier will use the local server.

If this is not the first TurboGold Verifier install in this organization, you may append the following line:

```
Tg.PolicyServer=ServerName
```

where *ServerName* is the name of the Domino server that the previous Turbogold install was done on. This action will condition the Tgconfig.nsf to be replicated and allow for easier administration of the Verifiers.

- If you want TurboGold to run when the Domino server is started, add TurboGold to the task list:

```
ServerTasks=turbogold.....
```

- If you want Web Acceleration to run when the Domino server is started, add turboedge to the task list:

ServerTasks=turboedge.....



Turboedge is the program name associated with the Web Accelerator.

- If you want to enable the TurboGold Enterprise Edition Multicator feature add:

**NSF\_HOOKS=tghook**

5. If running Domino 5.09 or higher, run "dataseg" on the TurboGold verifier executable.

```
#cd /opt/turbogold
```

```
#!/opt/lotus/notes/latest/ibmpow/dataseg -s turbogold
```

```
#!/opt/lotus/notes/latest/ibmpow/dataseg -s turboedge
```

```
#!/opt/lotus/notes/latest/ibmpow/dataseg -s tgzip
```



A shell script called "deseg" is installed to facilitate the above steps.

6. Bring up TurboGold.

- Bring up Domino server
- or
- Enter **Load turbogold** from the Domino console



Repeat steps 3 through 6 for each Domino partition.



For TurboGold Server-to-Server, EXTSHM=ON should be set as an environment variable prior to starting the Domino server. Otherwise the Domino server may run out of shared memory regions. Without EXTSHM=ON there is a limit of 11 regions. TurboGold Server-to-Server uses a shared memory region for each concurrent replicator.

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## Installing the Multicator™

In order for the Multicator to function, the "nsf\_hooks=tghook" must be placed in the "notes.ini" of the Domino server where the verifier will trap the database updates. If this is not in there and "Multicator Acceleration" is turned on in the "Verifier Configuration" document of "tgconfig.nsf," the TurboGold verifier will not load. For AIX and AS/400 platforms you must edit this manually.

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## pSeries software update procedure

You can use smit to install an updated .bff image. In this situation you must execute steps 1 through 3 described in the Installation Procedure. It is not necessary to edit the notes.ini following an update.

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## pSeries uninstall procedure

**CLIENT-TO-SERVER** If TurboGold Client-to-Server is installed, then you should shut down the Domino server in order to delete the TurboGold databases and templates.

**SERVER-TO-SERVER** If TurboGold Server-to-Server is installed then you must shut down the Domino server by entering "quit" at the Domino console.

If you use a Notes client to delete the databases and templates, then it is sufficient to stop TurboGold (if it is running) by entering **tell turbogold quit** at the Domino console.

1. Edit the notes.ini file of the Domino server. Remove **turbogold** from the ServerTasks line.

**SERVER-TO-SERVER** If TurboGold Server-to-Server is installed, also remove **tgnotes** from the ExtMgr\_Addins line.

2. Delete the following files from your Domino data directory:

tgoc.log	tgsvhap.log	tgServer.log
tghtmlsv.log	tgsvweb.log	

tgclhap.log (Server-to-Server only)  
tgClient.log (Server-to-Server only)

tgconfig.nsf	tgconfig.ntf
tgoldstat.nsf	tgstat.ntf
tgoldver.nsf	tgoldver.ntf
tginotes.nsf	tginotes.ntf

tgocache.dat	tgwcache.dat
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By default the \*.log files and tgocache.dat are stored in the Domino data directory but may be located elsewhere.

3. Run smit and select option to uninstall
4. Restart Domino server

## 3. What's next

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### After installing

Once you have finished installing TurboGold Enterprise Edition on your pSeries server, you are ready to do one of the following:

- ◆ Set operating parameters (see the Server Administration Guide for *TurboGold Client-to-Server* or *TurboGold Server-to-Server*)
- ◆ Install on other servers (see the installation guide for your server as listed below):
  - *Installing TurboGold Client-to-Server on Microsoft Windows Servers*
  - *Installing TurboGold Server-to-Server on Microsoft Windows Servers*
  - *Installing on iSeries (AS/400) Servers*
- ◆ Create an answer file for deployment to other Microsoft Windows servers (see the Server Administration Guide for *TurboGold Client-to-Server* or *TurboGold Server-to-Server*)
- ◆ Install on client PCs (see *Installing on Microsoft Windows Clients*)
- ◆ Install TurboGold Manager (see *Manager Administration Guide*)

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