
Backing Up the eTravel System

A full back up of the eTravel Server backs up the NTFS file system on all Server hard drives to tape and backs up the Microsoft Windows NT registry.

Backing Up the eTravel Database

To obtain a consistent Oracle database file backup, the eTravel system and Oracle database are shut down. The eTravel Server is made unavailable to the network. If a Traveler attempts to use the Web Traveler module, the Web Traveler will not respond.

The Oracle database is usually exported to a file and backed up to tape daily at 3:13 a.m. In addition, the database is backed up across two, three, or four hard drives, depending on the number of hard drives that are installed on your Server. This is a Microsoft Windows NT automated event. To perform the full system backup on a Friday afternoon or evening, the scheduled database exports for Saturday, Sunday, and Monday at 3:13 a.m. are disabled.

The Server should be returned to normal and the tape for the database export backup should be re-inserted every Monday so the automatic export tape backup will occur to the correct tape on Tuesday at 3:13 a.m. If the Server is not returned to normal, the attempt to backup the database on Tuesday morning will fail. If the Microsoft Windows NT backup tape is still in the machine at 3:13 a.m. on Tuesday morning, the database export script will attempt to append the last export file to the end of the Microsoft Windows NT backup tape. If there is not enough room on the tape, the database export will not be written.

Stopping the System and Beginning the Backup

Eject the database backup tape and insert the Microsoft Windows NT backup tape. Ensure that the Microsoft Windows NT tape is not write protected.

WARNING: Any data on this tape will be overwritten. Continuing the backup will take the server offline for users attempting to book travel reservations.

Stopping the World Wide Web Service and the Scheduler

1. On the desktop, double click the Stop IIS icon.
2. Maximize each Scheduler window.
3. Press Ctrl+Break.

The Break key is located in the upper right corner of the keyboard.

Closing the Affinity Manager

1. Maximize the Affinity Manager window.
2. Close the Affinity Manager by clicking the **Close (X)** button in the rightmost corner of the Affinity Manager window.

The Affinity Manager displays the message, "You are about to unload the Affinity software on a Gateway" and prompts you to confirm that you want to close the Affinity Manager.

3. Click the **Yes** button.

Stopping the Oracle TNS Listener and Database

1. From the **Start** menu, choose **Settings**, and then choose **Control Panel**, and then choose **Services**.
2. Select the service OracleTNSListener.
3. Click the **Stop** button.
4. A warning message appears. Click the **Yes** button.
5. Verify that the status field for OracleTNSListener is blank.
6. Select the service OracleServiceDTA.
7. Click the **Stop** button.

8. A warning message appears. Click **OK**.
9. Verify that the status field for OracleServiceDTA is blank.
10. Verify that the status field for OracleStartDTA is blank.
11. Close the Services window.
12. Minimize the Control Panel window.
13. From the **Start** menu, choose **Run**.
14. In the 'Open' field, type C:\Etravel\batch\ntbk.bat.

Microsoft Windows NT opens the backup program and starts the backup. An MS-DOS window opens behind the Microsoft Windows NT Backup window. Both windows close when the backup is finished.

Full logging is done for the NT backup. To open the log file, open Notepad and go to C:\Etravel\Log\ntbktape.log

Restarting the System After the Backup is Complete

Starting the Oracle TNS Listener and Database

1. Restore the minimized Control Panel window.
2. Select Services.
3. Select the service OracleStartDTA.
4. Click the **Start** button
5. Verify that the status field for OracleServiceDTA is started.
6. Verify that the status field for OracleStartDTA is started.
7. Select the service OracleTNSListener.
8. Click the **Start** button
9. Verify that the status field for OracleTNSListener is started.
10. Close the Services window.
11. Close the Control Panel window.

Starting the Affinity Manager

1. On the desktop, double click the Affinity Manager icon.
2. Verify that there is no red text in the Affinity Manager Event Logger.
3. Minimize the Affinity Manager window.

Starting the Scheduler and the World Wide Web Service

1. Start the eTravel Scheduler by double clicking the Start Scheduler icon.
2. Verify that the Scheduler signs into each TA on the CRS.
3. Minimize the Scheduler window.
4. If you have more than one Scheduler, repeat steps 1–3 for each Scheduler.
5. On the desktop, double click the Start IIS icon.
6. Eject the Microsoft Windows NT backup tape. Label the tape:
Full WinNT 4.0 Backup
eTravel Server
Date
7. Insert the next Oracle database backup tape in the rotation in the tape drive.