

FatWire | Analytics 2.5

Migrating to Analytics 2.5

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FatWire Analytics: Migrating to Analytics 2.5

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Guidelines for Migrating FatWire Analytics

This guide provides instructions for migrating FatWire Analytics 2.5 data and settings from an Analytics 2.1 Patch 2 installation. Migrated information will be used to create a new Analytics 2.5 installation with the same data and settings as your previous installation.

This guide contains the following sections:

- [Overview](#)
- [Migration Steps](#)
- [Next Steps](#)

Overview

This guide describes the process of migrating your FatWire Analytics 2.1 installation to version 2.5. Before you migrate, take note of the following:

- Migrating to Analytics 2.5 requires Analytics 2.1 Patch 2 to be pre-installed. If you are running a version of Analytics prior to version 2.1, update to Analytics 2.1 Patch 2 before beginning the migration to Analytics 2.5.
- Some of the Analytics data will be lost on the day of the migration. We recommend running a parallel setup of both Analytics 2.1 and Analytics 2.5, and then switching to the Analytics 2.5 sensor at midnight. Running a parallel setup and switching at midnight minimizes the amount of data that is lost during the migration from Analytics 2.1 to Analytics 2.5.
- Download a copy of *Installing and Configuring FatWire Analytics*, available at <http://e-docs.fatwire.com> (a password protected site. To open an account, click **Request for a New Account**).

The migration steps, described in “[Migration Steps](#),” on page 7, are as follows:

- A. [Back Up Your Existing Analytics 2.1 P2 Installation](#)
- B. [Shift Internal IDs](#)
- C. [Export Analytics 2.1 P2 Data and Settings](#)
- D. [Uninstall Analytics \(if necessary\)](#)
- E. [Install Analytics 2.5](#)
- F. [Import Analytics 2.1 P2 Data and Settings](#)

Migration Steps

This section provides the steps for migrating your Analytics 2.1 installation to version 2.5.

Note

Before starting the migration process, read the “[Overview](#)” for prerequisites and suggested operating procedures.

Throughout the instructions below, it is assumed that your Analytics 2.1 installation is running with Patch 2.

A. Back Up Your Existing Analytics 2.1 P2 Installation

1. Before you begin the migration process, create a backup of your existing Analytics 2.1 installation. If the migration process fails, you will be able to restore your old installation and start over.
2. Create a backup of your Analytics database.

B. Shift Internal IDs

Before you can export data from Analytics 2.1 to Analytics 2.5 you must shift the internal IDs to be compatible with Analytics 2.5. Execute the shipped script `shift_ids.sql`:

```
sqlplus analytics/analytics @shift_ids.sql
```

C. Export Analytics 2.1 P2 Data and Settings

1. Export Analytics 2.1 data by executing the `exp.sql` script shipped with Oracle:
 - a. If your database schema contains non-English (double byte) characters, set the following environment variable before executing `exp.sql`:
 - **Windows:**

```
set NLS_LANG=AMERICAN_AMERICA.al32utf8
```
 - **Unix**

```
export NLS_LANG=AMERICAN_AMERICA.al32utf8
```
 - b. Run the following command:

```
sqlplus analytics/analytics @exp.sql
```

This command starts the export and creates a file called `analyticsdata.sql` in the current directory.
2. Take note of the “Visitor Detection” configuration.

The visitor detection configuration is handled differently in Analytics 2.5 than in Analytics 2.1 P2, and must be configured manually. Take note of the configurations you have made in the Analytics Administration interface (**Site Management** tab, **Visitor Detection** option).
3. Do one of the following:
 - If you wish to install Analytics 2.5 on the existing application server and re-use the existing database, continue to step “[D. Uninstall Analytics \(if necessary\)](#).”

- If you wish to install Analytics 2.5 to run in parallel with Analytics 2.1, skip to step “[E. Install Analytics 2.5](#),” on page 8.

D. Uninstall Analytics (*if necessary*)

Note

- The steps below apply only if you are installing Analytics 2.5 on the existing application server and you are re-using the existing database. Do not remove the `AddAnalyticsImgTag` from the pages of your website. You will remove only the Analytics web applications and drop the database user.
- Before installing Analytics 2.5 on the existing application server, you must uninstall all previous versions of Analytics.

To uninstall Analytics

1. If you have not already done so, back up your Analytics 2.1 installation and database.

2. Delete the `global.xml` file that was copied into the classpath of your Java environment.

3. Remove the following web applications: `Sensor`, `Analytics`, and `Analyticsadmin`. For more information, refer to your application server’s documentation.

4. Drop the database user:

To drop the database user, execute the SQL statement below as the `SYSDBA` user. By default the database user is called `ANALYTICS`. If you have changed this name, modify the statement according to your changes.

```
DROP USER ANALYTICS CASCADE
```

Note

After you have dropped the database user, you can shrink all Analytics tablespaces, as Analytics 2.5 needs less space for the database.

E. Install Analytics 2.5

For instructions on installing FatWire Analytics 2.5, see *Installing and Configuring FatWire Analytics*.

Note

While creating Analytics 2.5 schema, make sure to execute only the following scripts: `create_sys.sql` and `region.sql`. It is not required to execute `create_normal.sql`. The `create_normal.sql` script will be backed up by the imported data (`analyticsdata.sql` and `update2.1to2.5.sql` scripts).

F. Import Analytics 2.1 P2 Data and Settings

1. Import the Analytics 2.1 P2 data and settings by executing the `analyticsdata.sql` script, which you generated in [step 1 on page 7](#):

```
sqlplus <user name>/<password>@<database_sid_name> @<path to analyticsdata.sql>
```

(This step inserts all Analytics data and settings from the previous installation into the Analytics 2.5 installation.)

2. Update the data by executing the script named `update2.1to2.5.sql`

```
sqlplus <user name>/<password>@<database_sid_name> @<path to update2.1to2.5.sql>
```

where `<user name>` and `<password>` are the user name and password of the Analytics database user (`ANALYTICS` by default, or the name you have configured).

(This step updates the imported data to be compatible with Analytics 2.5.)

3. Configure visitor detection:

For instructions, see *Installing and Configuring FatWire Analytics* (“Configuring Visitor Detection”).

Next Steps

Verify that your Analytics 2.5 installation functions, and set its operating parameters (such as sensor overload warning (`sensor.requestqueue.warnsize`)). For instructions, see *Installing and Configuring FatWire Analytics* (“Verifying Your FatWire Analytics Installation”).

