Oracle® WebCenter Sites

Migrating from FatWire Analytics 2.1 Patch 2 to WebCenter Sites Analytics

11*g* Release 1 (11.1.1)

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Oracle® WebCenter Sites: Migrating from FatWire Analytics 2.1 Patch 2 to WebCenter Sites Analytics, 11*g* Release 1 (11.1.1)

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About This Guide

This guide describes the process of migrating information from your FatWire Analytics 2.1 patch 2 installation to Oracle Web Center Sites 11*g* Release 1: Analytics. The migration process creates an Oracle WebCenter Sites: Analytics installation with the same data and settings as your previous installation.

Applications discussed in this guide are former FatWire products. Naming conventions are the following:

- *Oracle WebCenter Sites* is the current name of the product previously known as *FatWire Content Server.* In this guide, *Oracle WebCenter Sites* is also called *WebCenter Sites*.
- *Oracle WebCenter Sites: Analytics* is the current name of the application previously known as *FatWire Analytics*. In this guide, *Oracle WebCenter Sites: Analytics* is also called *Analytics*.

The Analytics application integrates with Oracle WebCenter Sites according to specifications in the *Oracle WebCenter Sites 11g Release 1 (11.1.1.x) Certification Matrix.* For additional information, see the release notes for the Analytics application. Check the WebCenter Sites documentation site regularly for updates to the *Certification Matrix* and the release notes.

Audience

Users of this guide must have experience with the process of installing enterprise-level software.

Related Documents

For more information, see the *Oracle WebCenter Sites Installation and Configuration Guide for Analytics.*

Conventions

The following text conventions are used in this guide:

- **Boldface** type indicates graphical user interface elements that you select.

- *Italic* type indicates book titles, emphasis, or variables for which you supply particular values.
- `Monospace` type indicates file names, URLs, sample code, text that appears on the screen, or text that you enter.
- **`Monospace bold`** type indicates a command.

Third-Party Libraries

Oracle WebCenter Sites and its applications include third-party libraries. For additional information, see *Oracle WebCenter Sites 11gR1: Third-Party Licenses*.

Guidelines for Migrating from FatWire Analytics 2.1 Patch 2

This guide contains the following sections:

- Overview
- Migration Steps
- Next Steps

Overview

This guide describes the process of migrating information from your FatWire Analytics 2.1 patch 2 installation to Oracle Web Center Sites: Analytics. The migration process is used to create an Oracle WebCenter Sites: Analytics installation with the same data and settings as your previous installation.

Before you migrate, take note of the following:

- Start with a FatWire Analytics 2.1 patch 2 installation.
- Download a copy of the *Oracle WebCenter Sites Installation and Configuration Guide for Analytics*.
- Some of the Analytics data will be lost on the day of the migration. To minimize the amount of data that is lost during the migration process, we recommend running parallel installations of FatWire Analytics 2.1 patch 2 and Oracle WebCenter Sites: Analytics, then switching to the Oracle WebCenter Sites: Analytics sensor at midnight.

Migration steps, beginning on page 9, are as follows:

A. Back Up Your FatWire Analytics 2.1 Patch 2 Installation

B. Shift Internal IDs

C. Export FatWire Analytics 2.1 Patch 2 Data and Settings

D. Uninstall All Previous Versions of Analytics

E. Install Oracle WebCenter Sites: Analytics

F. Import FatWire Analytics 2.1 Patch 2 Data and Settings

Migration Steps

This section provides the steps for migrating your FatWire Analytics 2.1 patch 2 installation to Oracle WebCenter Sites 11*g*R1: Analytics.

Note

Before starting the migration process, read the "Overview" for prerequisites and suggested operating procedures.

Throughout the instructions below, it is assumed that you are starting with Analytics 2.1 patch 2.

A. Back Up Your FatWire Analytics 2.1 Patch 2 Installation

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

B. Shift Internal IDs

Before you can export data from FatWire Analytics 2.1 patch 2 to Oracle WebCenter Sites: Analytics, you must shift the internal IDs to be compatible with Oracle WebCenter Sites: Analytics. Execute the shipped script `shift_ids.sql`:

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

C. Export FatWire Analytics 2.1 Patch 2 Data and Settings

1. Export FatWire Analytics 2.1 patch 2 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 Oracle WebCenter Sites: Analytics compared to FatWire Analytics 2.1 patch 2, and must be configured manually. Take note of the configurations you have made in the FatWire Analytics Administration interface (**Site Management** tab, **Visitor Detection** option).

3. Do one of the following:
   - If you wish to install Oracle WebCenter Sites: Analytics on the existing application server and re-use the existing database, first uninstall previous versions of Analytics. Continue to step "D. Uninstall All Previous Versions of Analytics."
   - To install Oracle WebCenter Sites: Analytics to run in parallel with Analytics 2.1, skip to step "E. Install Oracle WebCenter Sites: Analytics," on page 11.

D. Uninstall All Previous Versions of Analytics

Note

- The steps below apply only if you are installing Oracle WebCenter Sites: Analytics 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 Oracle WebCenter Sites: Analytics on the existing application server, you must uninstall all previous versions of FatWire Analytics.

To uninstall FatWire Analytics

1. If you have not already done so, back up your FatWire Analytics 2.1 patch 2 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 CASECADE
   ```

Note

After you have dropped the database user, you can shrink all Analytics tablespaces, as Oracle WebCenter Sites: Analytics needs less space for the database.

E. Install Oracle WebCenter Sites: Analytics

For instructions on installing Oracle WebCenter Sites: Analytics, see the *Oracle WebCenter Sites Installation and Configuration Guide for Analytics*.

Note

While creating Oracle WebCenter Sites: Analytics schema, 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 FatWire Analytics 2.1 Patch 2 Data and Settings

1. Import the FatWire Analytics 2.1 patch 2 data and settings by executing the `analyticsdata.sql` script, which you generated in step 1 on page 9:

   `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 Oracle WebCenter Sites: Analytics 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 Oracle WebCenter Sites: Analytics.)

3. If you have blacklisted IP addresses in Analytics 2.1 patch 2, configure blacklisting in Oracle WebCenter Sites: Analytics by exporting the IP addresses (and/or fragments) and setting them as values in the `ipBlacklist` parameter in the `global.xml` file:

   a. Export the content of the `IPBLACKLIST` table:

      `SELECT * FROM ipblacklist;`

   b. Manually concatenate the exported content as a comma-separated list. For example, exported content that looks like this:

      ```
      123.45.67.89
      192.168.1.4
      192.168.10.44
      ```

      would be concatenated to look like this:

      ```
      123.45.67.89, 192.168.1.4, 192.168.10.44
      ```

   c. In Oracle WebCenter Sites: Analytics, open the `global.xml` file on the Data Capture node and insert the `ipBlacklist` parameter, using the concatenated list from step b as its value:

      ```
      <param type="string" name="ipBlacklist"
         value="123.45.67.89, 192.168.1.4, 192.168.10.44"/>
      ```

Requesting IP addresses are compared to the value of the `ipBlacklist` parameter. If a requesting IP address matches any of the listed values, it is dropped.

Note

The `ipBlacklist` parameter restricts IP addresses from accessing all sites or selected sites, depending on where it is used in the `global.xml` file. For more information about using this parameter, refer to the *Oracle WebCenter Sites Installation and Configuration Guide for Analytics*.

Next Steps

Configure and verify your installation of Oracle WebCenter Sites: Analytics by completing the steps below.

Note

All sections mentioned in the steps below are available in the *Oracle WebCenter Sites Installation and Configuration Guide for Analytics*.

1. Configure visitor detection. For instructions, see the section “Configuring Visitor Detection.”
2. Verify that your installation of Oracle WebCenter Sites: Analytics functions. For instructions, see the section “Verifying Your Installation of Oracle WebCenter Sites: Analytics.”
3. Set operating parameters (such as sensor overload warning: `sensor.requestqueue.warnsize`). For instructions, see the section “Configuration Parameters for Oracle WebCenter Sites: Analytics.”