

# **RDS**

## **Directory Synchronization**

# **RDS Web UI Guide**

**Software Version 3.1.1**

**For Windows, Linux and UNIX operating systems**

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**Please direct correspondence or inquiries to:**

RepliWeb, Inc.  
6441 Lyons Road  
Coconut Creek, Florida 33073  
USA

Telephone: (954) 946-2274  
Fax: (954) 337-6424

Sales & General Information: [info@repliweb.com](mailto:info@repliweb.com)  
Documentation: [docs@repliweb.com](mailto:docs@repliweb.com)  
Technical Support: <http://support.repliweb.com>  
Website: <http://www.repliweb.com>

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# 1. Administrative Setup Guide

The RepliWeb RDS Web UI is a web based user interface used to define, monitor, and administer RepliWeb RDS replication jobs.

The user interface runs as CGI scripts that are compatible with any web servers that support CGI execution.

## 2. RDS Web UI Setup

You can set up the RDS Web UI on either the Microsoft IIS Web Server or on Apache.

### Setting up the RDS Web UI on a Microsoft IIS Web Server

To set up RDS Web UI on a Microsoft IIS Server:

1. Start the **Microsoft IIS Internet Services Manager** (Start → Control Panel → Administrative Tools → Internet Services Manager)
2. Right click the web site the RDS Web UI should run on (on the appropriate Web Server machine)
3. Select **New**, and then **Virtual Directory**
4. Use “RDS” as the Alias
5. Use `~\RDS\Api\Images\Web-UI\html` as the content directory where `~` represents the base installation directory.

By default, the base installation directory is `C:\Program Files\RepliWeb` on Windows and `/usr/repliweb` on UNIX.

6. Under **Access Permissions**, select **Read**, **Run scripts**, and **Execute**.
7. Select **Finish**.

To access the RDS Web UI, point a web browser to the new virtual directory:

For example: `http://internal_server/rds`

### Using IIS 6

To enable IIS 6:

1. By default all unknown CGI's are prohibited from running. In the **Service Extensions Tab**, change the CGI status to **Allow**. You can limit access to RDS CGI's only by creating an entry for all CGI files under `~\rds\Cgi-bin\*.cgi`
2. Using Windows Explorer, browse to:  
`~\RepliWeb\RDS\Api\Images\Web-UI\Html`  
Right-click this folder and select **Properties** -> **Security**  
In **Group or user name**, select **Users** and add the **Write** permission.

## Setting up the RDS Web UI on Apache

Apache configuration is typically unique to each web server. The following is an example of configuring the RDS Web UI on an Apache installation on UNIX.

**NOTE:** Using UNIX operating system, all file names and path are case sensitive.

### To set up RDS Web UI on Apache:

1. Ensure that the Apache web server is running properly by pointing a web-browser to [http://internal\\_server](http://internal_server) and seeing that it loads the default Apache web page.
2. Make the following changes to the Apache configuration file (`httpd.conf`):

- a. Create aliases to `html` and `cgi-bin` directories from the RDS installation.

For example: if RDS is installed under `/usr/repliweb/rds` then in the `'mod_alias.c'` section add:

```
Alias /rds "/qa/repliweb/rds/API/images/Web-UI/html"  
  
    <Directory "/qa/repliweb/rds/API/images/Web-UI/html">  
    Options -Indexes Includes multiViews +ExecCGI  
    AllowOverride None  
    Order allow,deny  
    Allow from all  
    </Directory>
```

- b. Make sure that the server name/address is set.

For example:

```
ServerName http://www.my_server.com/
```

- c. Uncomment this line, so Apache can run the `cgi`'s:

```
AddHandler cgi-script .cgi
```

3. Restart **Apache**.

For example, if Apache is installed under `/usr/local/`, execute the following command:

```
/usr/local/apache/bin/apachectl restart
```

The RDS Web UI is now on your site. To access the RDS Web UI, point a web browser to its location.

For example: [http://www.internal\\_server.com/rds](http://www.internal_server.com/rds)

## 3. Configuring Web UI Display

**NOTE:** Do not change the sample files. To configure the RDS Web-UI, please copy the sample files to a different location and then edit the files.

Using CGI and scripts, the RDS Web UI is configurable. Some of the information displayed on the screen may be changed, to reflect corporate standards and needs.

1. Under the installation directory, edit the file:

```
~\RepliWeb\RDS\Api\Images\Web-UI\Html\Cgi-Bin\defaults.js
```

2. You can change the header, the contact information, and specify the columns displayed in the various tables.
3. In addition, you can change the Style Sheet used in the Web UI, to define colors and styles. The style sheet file is located under:

```
~\RepliWeb\RDS\Api\Images\Web-UI\Html\style.css
```

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