

Procedure to migrate Wordpress site to AWS Lightsail

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1 Step 1 Migrate the Content

Make a copy of original wordpress content	<code>tar -zcvf pluto.tar pluto</code>
Make a copy of original mysql db	<code>cd /var/lib/mysql</code> <code>mysqldump -p plutwp > pluto.sql</code>
Start a Lightsail wp instance and connect through ssh	From Connection section to retrieve the instance's public IP address Download the default private key LightsailDefaultKey-az.cer <code>ssh bitnami@public-ip -i LightsailDefaultKey-az.cer</code>
Retrieve the application password	<code>cat bitnami_application_password</code>
Access Wordpress site through Internet	To login the wp instance, http://publicip/wp-admin username: user password: same as the application password
Upload original wp files to Lightsail instance	<code>scp pluto* publicip:</code>

Create database and mysql user on Lightsail Instance	<p>Login mysql in Lightsail instance, password is same as the application password</p> <pre>mysql -p</pre> <p>Database name, mysql user and its password can be found from the original wp site's wp-config.php file</p> <pre>create database plutowp;</pre> <pre>CREATE USER 'username'@'localhost' IDENTIFIED BY 'password';</pre> <pre>GRANT ALL PRIVILEGES ON plutowp.* to 'username'@'localhost';</pre> <pre>FLUSH PRIVILEGES;</pre>
Migrate the wordpress database to the Lightsail instance	<pre>mysql -p plutowp < plutowp.sql</pre>
Modify the new wp-config.php	<p>unpack the original wp content</p> <pre>tar -zxvf pluto.tar,</pre> <p>from its wp-config.php copy the following lines and paste to /opt/bitnami/apps/wordpress/htdocs/wp-config.php and remove the existing correspondent lines</p> <pre><i>/** The name of the database for WordPress */</i> define('DB_NAME', 'plutowp');</pre> <pre><i>/** MySQL database username */</i> define('DB_USER', 'username');</pre> <pre><i>/** MySQL database password */</i> define('DB_PASSWORD', 'password');</pre>
Reload the Lightsail Wordpress site to update username and password	<p>reload http://public-ip/wp-admin, to agree to update username and password, re-login</p>
Cp the upload directory contents	<pre>cp -a pluto/wp-content/uploads/* /opt/bitnami/apps/wordpress/htdocs/wp-content/uploads/</pre>
Install themes	<p>Get the name of the theme from pluto/wp-content/theme</p> <p>install the theme from Lightsail wp instance web console</p>

Install the plugins	Get the name of the plugins from pluto/wp-content/plugs Install one by one
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