How to Create a BCM963xx Consumer Release Script Archive

The BCM963xx consumer release script creates a BCM963xx release archive that contains GPL source code and Broadcom proprietary object code. This script is run from a BCM963xx Broadcom customer release.

Preferred Method – using a normal user account

Here are the steps to create a consumer release archive from the BCM963xx Broadcom customer release. Replace ?.?? with the release number.

1. Install the Broadcom BCM963xx release.

```
$ cd # to any appropriate directory
$ tar xvfz bcm963xx_?.??L.??_full_release.tar.gz
$ mkdir bcm963xx
$ cd bcm963xx
$ tar xzf ../bcm963xx_?.??L.??_data_src.tar.gz
(If a voice release)
$ cd ..
$ tar xvfz bcm963xx_?.??L.??_voice_addon.tar.gz
$ cd bcm963xx
$ tar xzf ../ bcm963xx_?.??L.??_voice_sipmgcp_addon_src.tar.gz
$ cd ..
```

2. Run the consumer release script.

```
$ cd bcm963xx/release
$ ./do_consumer_release –F –y –p PROFILENAME
```

3. Attach the the bcm963xx/release/bcm963xx_?.??L.??_consumer_release.tar.gz archive to a CSP case and request review by Broadcom prior to making it available to the general population.

Traditional Method – requires root account

Here are the steps to create a consumer release archive from the BCM963xx Broadcom customer release. Replace ?.?? with the release number.

4. Install the Broadcom BCM963xx release.

```
$ su
# mkdir /tmp/bcm
# cd /tmp/bcm
# tar xvfz bcm963xx_?.??L.01_full_release.tar.gz
# ./bcminstall
```

5. Run the consumer release script.

```
# cd /opt/bcm963xx/release
# ./do_consumer_release
```

6. Attach the the /opt/bcm963xx/release/bcm963xx_?.??L.??_consumer_release.tar.gz archive to a CSP case and request review by Broadcom prior to making it available to the general population.

How to Build a BCM963xx Router Image from the Consumer Release

Here are the steps that a consumer can follow to build a Broadcom BCM963xx DSL router image from the BCM963xx consumer release archive. Replace ?.?? with the release number.

1. Install the BCM963xx ?.??L.01 consumer release.

```
$ su
# mkdir /tmp/consumer
# cd /tmp/consumer
# tar xvfz bcm963xx_?.??L.01_consumer_release.tar.gz
# ./consumer_install
```

2. Build the desired image.

```
# cd /opt/bcm963xx_router
# make PROFILE=96345R
   -- or --
# make PROFILE=96348R
   -- or --
# make PROFILE=96345GW
   -- or --
# make PROFILE=96348GW
   -- or --
# make PROFILE=96338R
```

3. Launch the BCM963xx DSL router Web interface by connecting a Web browser to 192.168.1.1.

4. Select the Management => Update Software menu item.

5. In the "Software File Name:" edit box, enter or browse for an image in the /opt/bcm963xx_router/images directory.

6. Click on the "Update Software" button.

7. The BCM963xx DSL router will reboot using the image that was built from the consumer release.