BitPath-DevKit

Working with Golden Image

RADIOSTUDIO

BitPath
BROADCAST DATA NETWORK

1   Table of Contents

2   Revision History

| Version No	Date	Author	Change Log
1.0	26/04/2024	RadioStudio	

3   How to download the Golden image
Using AWS Console

- Login to the AWS console here,
- Login details are account id: **685943795297**, username: **pi-image**, password: **Pe0FqGbPfCksMYK**
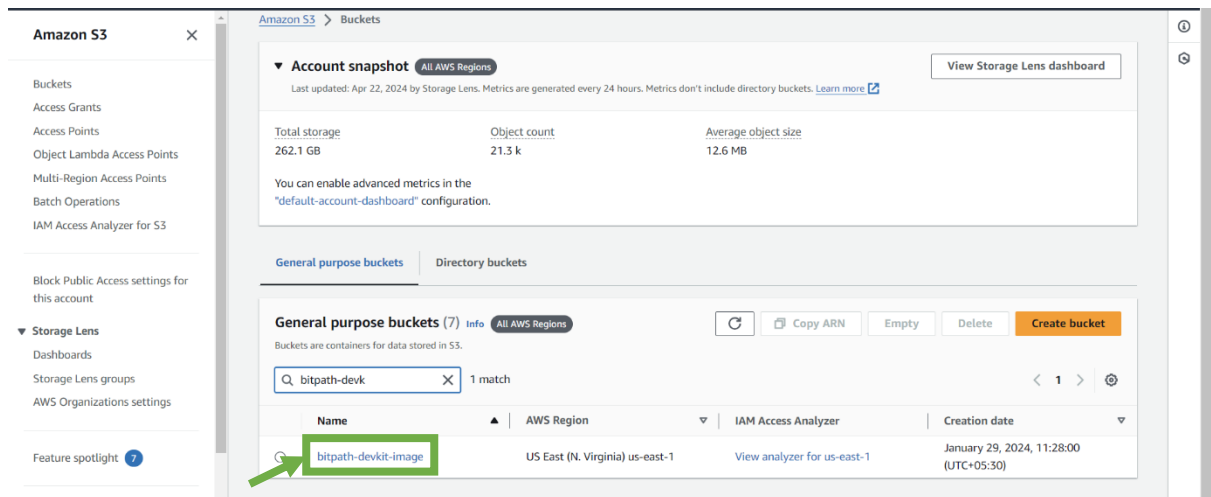
- Now, go to the *bitpath-devkit-image* bucket and click on the BitPath-DevKit-GI.zip file.
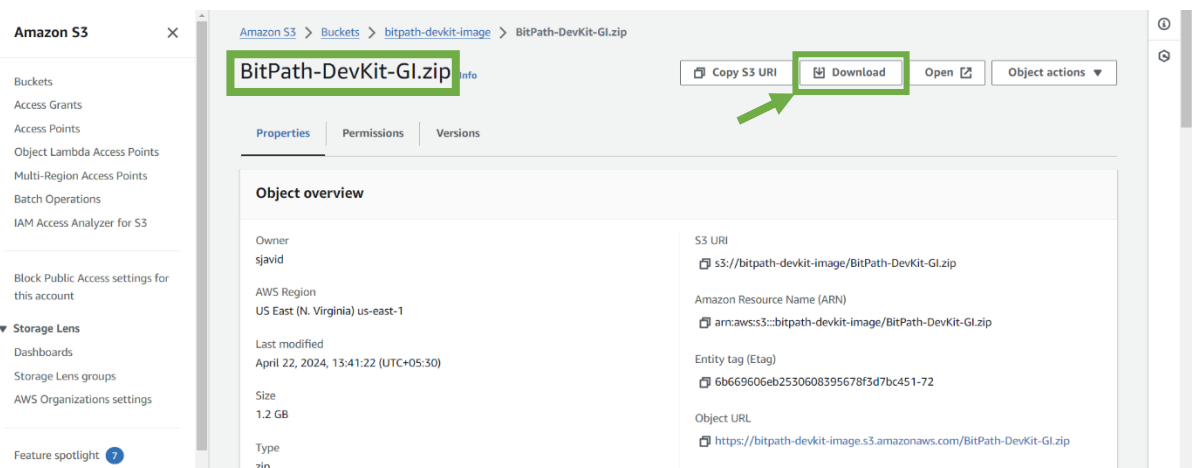
- Click on download, and you will have the download started.
- When it's downloaded, unzip the image.

4   How do you boot a new device with this image?

Use the following command to boot an SD card using this image.

- Insert the SD card into your system (Linux/mac)
- Find out how an SD card is mounted on your device. For Mac, use the **diskutil list** to check the device status. It should be something like **/dev/disk4 (external)** (can vary based on your system)
- For Linux, try your disk utility or **sudo fdisk—l.** The commands may vary slightly depending on your Linux distribution.
- Please enter the device name correctly to ensure the safety of your data disks. In my case, it's/dev/disk4.
- Check the **name of the unzipped img file** and use that in the command below.
- Now, run **sudo dd if=BitPath-DevKit-GI.img of=/dev/disk4**
- This will take 15-20 min for the image to be successfully installed into the SD card.

Now that you have the SD card with the image put it on the Raspberry device and power it on. Assuming that the device is connected to the router directly, please find the private IP address of this device and note it down.

For SSH into this device, use the following command,

```
ssh -p '1729' 'bitpath@<IP ADDRESS>'
```

<<if there is an input requested, type yes and go ahead>>

Let's get the root access and see if you can sudo

```
sudo -i
<<it will ask for the password. The password is S@sh@J@v1d>>
```

Now, you can do anything with the device. For example, check if the pre-installed services are running or not

```
systemctl status LSRxIPTester-daemon.service
```

If these services work, you have successfully booted the golden image into the SD card.

Some details about the golden image

SSH port: 1729

Username: *bitpath*

Pasword for sudo: *S@sh@J@v1d*

5   References