

## To clone a Jetson device and flash

1. Copy `system.img` from the file system partition you want to flash from. Enter the command:

```
$ sudo ./flash.sh -r -k APP -G <clone> <board> mmcblk0p1
```

Where:

- > `<clone>` determines the names of the copies.
- > `<board>` specifies the configuration of the target device.

This step creates two copies of `<clone>` in the `<top>` directory: a sparsed image (smaller than the original) named `<clone>`, and an exact copy named `<clone>.raw`.

For example, if `<clone>` is `original.img`, `flash.sh` creates a sparsed image named `original.img` and an exact copy named `original.img.raw`.

2. Copy `<clone>.img` to the `<BSP>/bootloader/system.img` directory, where `<BSP>` is the directory in which the Jetson Linux BSP is installed. Enter the command:

```
$ sudo cp <clone>.img bootloader/system.img
```

3. Flash the image to the target board.

- > If the target board has already been flashed, reflash the clone image to the `APP` partition. Enter the command:

```
$ sudo ./flash.sh -r -k APP <board> mmcblk0p1
```

- > If the target board has never been flashed, flash all of the board's partitions. Enter the command:

```
$ sudo ./flash.sh -r <board> mmcblk0p1
```