# How to Create a Forensic Image of Android Phone using Magnet Acquire

October 15, 2015   By Raj Chandel

Magnet ACQUIRETM is designed to quickly and easily acquire an image of any iOS or Android device. Examiners are given the option of two extraction methods: Quick and Full.

First Download Magnet Acquire from here and Install in your Computer. Now connect your Android phone with Computer using Data Cable. You will get a pop up on your computer screen which says **choose your device**. Select the device and click **Next**.
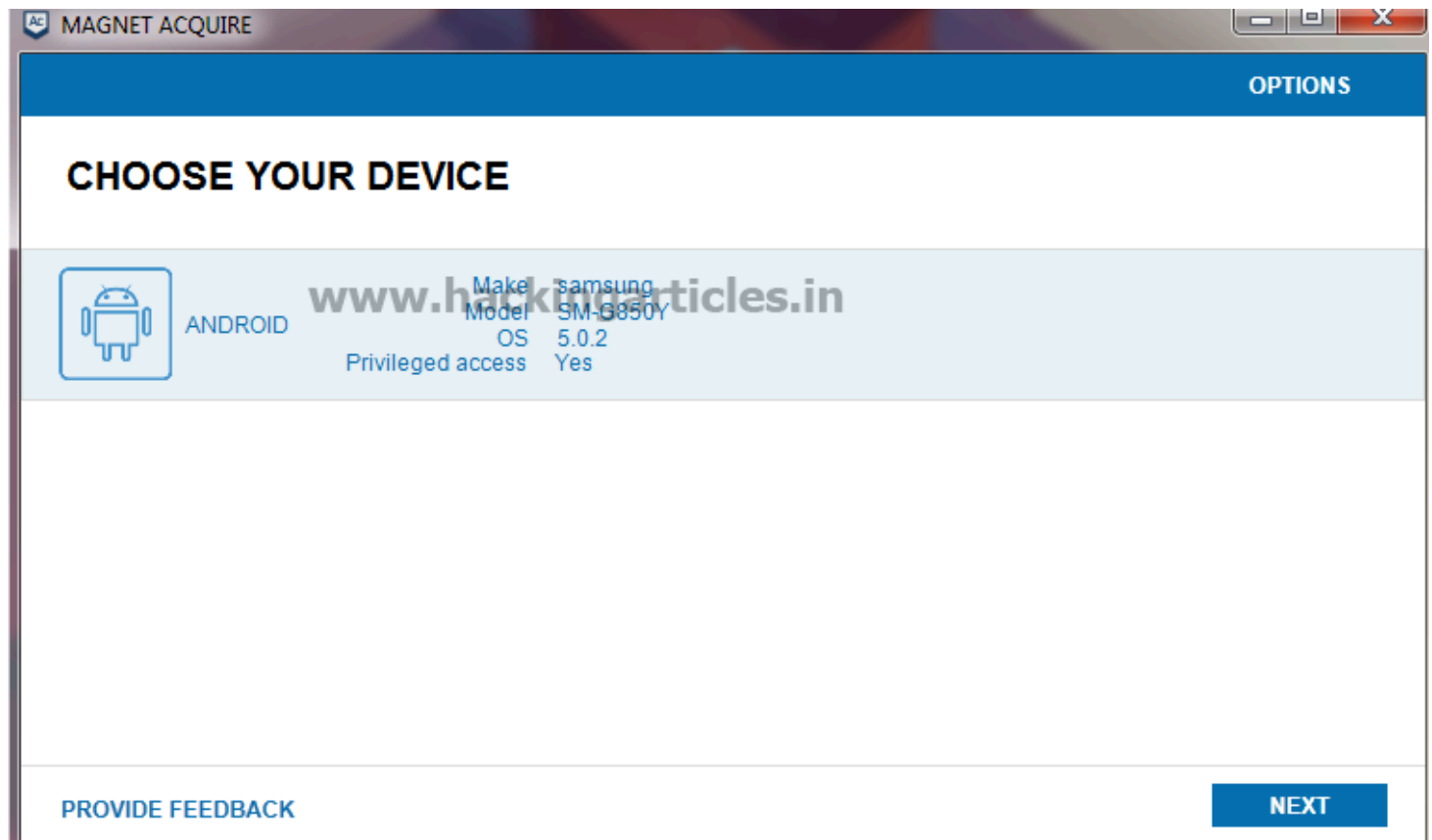
Quick Extraction:

The Quick Extraction method will work on any IOS device, version 5 or newer. Magnet ACQUIRE will combine an iTunes backup, with some additional acquisition techniques, to obtain both native and third-party data.

Full Extraction:

Magnet ACQUIRE can also help you obtain a full, physical image of many Android devices by using either the built-in privilege escalation exploits or by imaging a device that has already been rooted.

Now select your desired option and click next.

MAGNET ACQUIRE

OPTIONS

SELECT IMAGE TYPE

ANDROID

SAMSUNG SM-G850Y
OS version: 5.0.2
Privileged access

Please select the type of image you want to acquire:

○ Quick - uses ADB backup and agent applications   What's this?

○ Full - uses tested methods to gain privileged access, then Linux DD command   What's this?

PROVIDE FEEDBACK   BACK   NEXT

Now you will get a pop up first choose the folder destination and put Examiner name and other details and click **ACQUIRE.**

MAGNET ACQUIRE

OPTIONS

CREATE EVIDENCE FOLDER

ANDROID

SAMSUNG SM-G850Y
OS version: 5.0.2
Privileged access

Set up your evidence folder:

Evidence folder name   Android Image - 2015-10-15 21-33-22

Folder destination   C:\Users\RAJ\Desktop\img   BROWSE

Examiner   RAJ CHANDEL

Evidence number   1

Description   Android Forensics

PROVIDE FEEDBACK   BACK   ACQUIRE

On your Android Phone you will get a screen says Full Back up, at the bottom right of your phone screen you will see **back up my data** click on that.
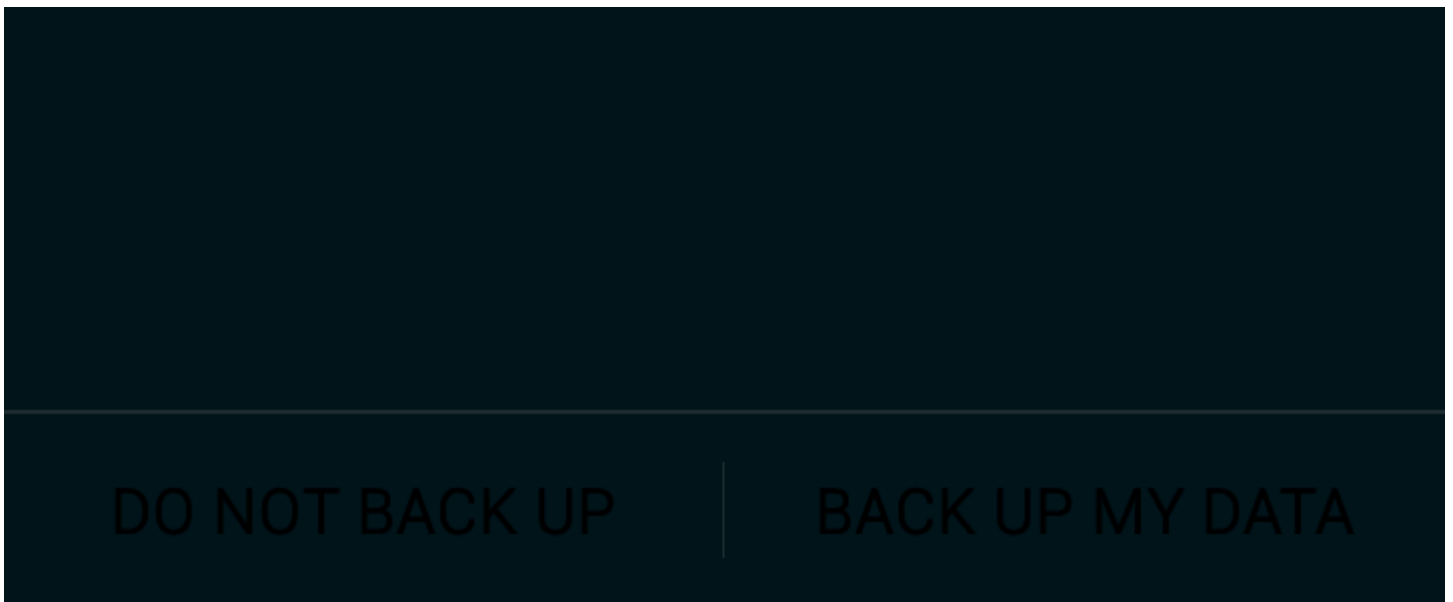
Full backup

A full backup of all data to a connected desktop computer has been requested. Do you want to allow this to happen?
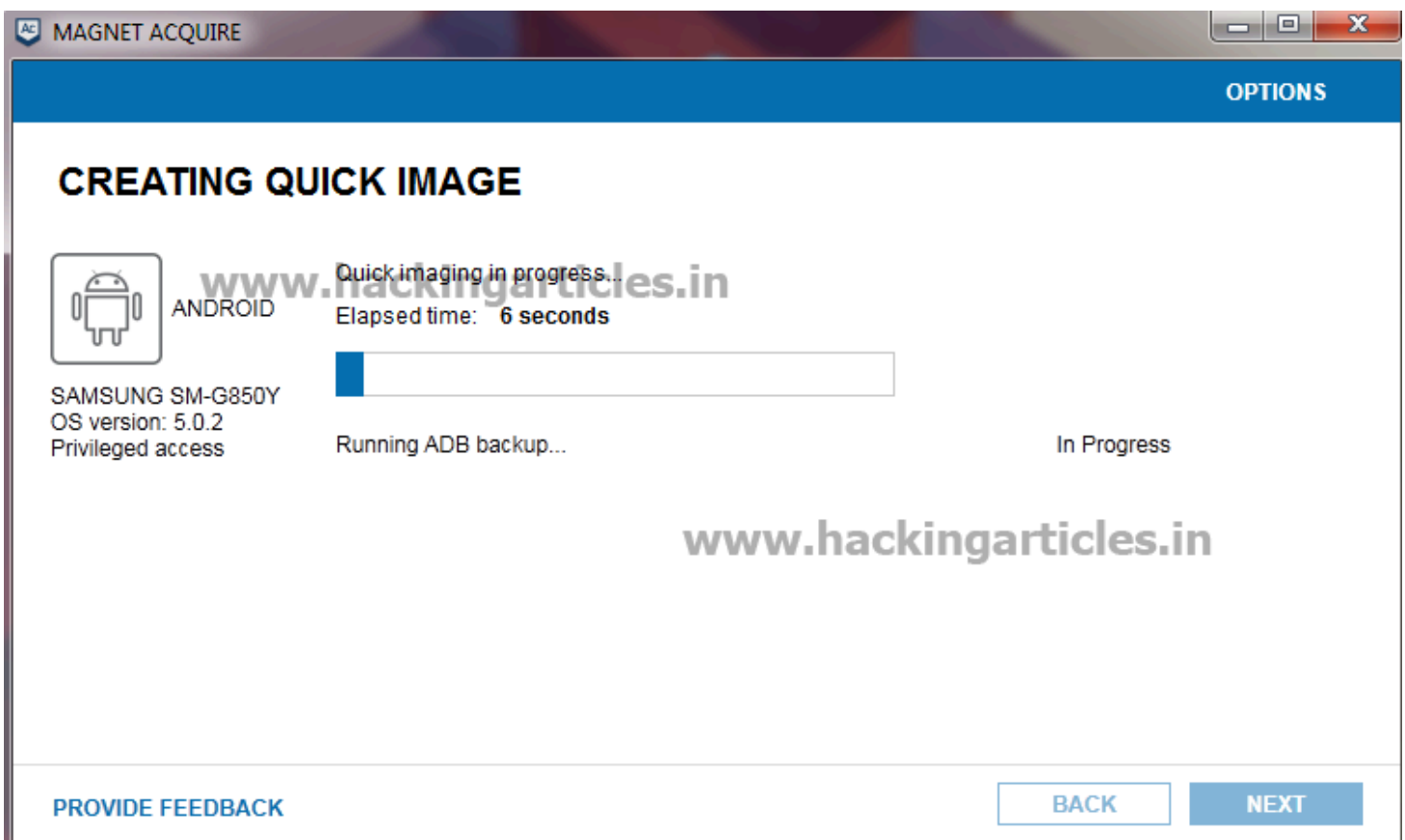
If you did not request the backup yourself, do not allow the operation to proceed.

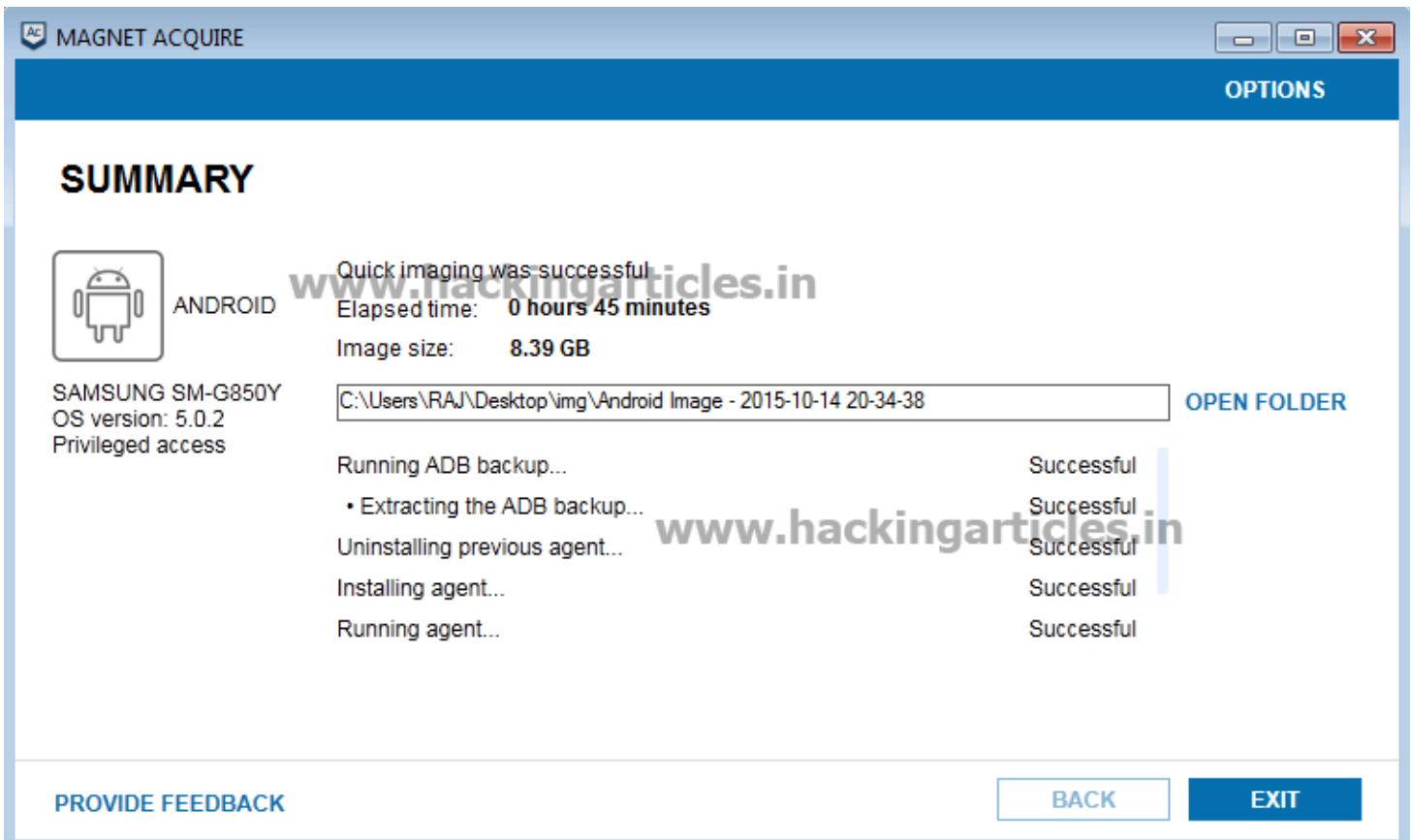If you wish to encrypt the full backup data, enter a password below:

DO NOT BACK UP   BACK UP MY DATA

Process will start as shown below.

Process complete as shown in below Image. Click On Exit.

Magnet Acquire has created a raw image of Android phone in the folder your selected.