

MIUI ota incremental update

Incremental update OTA :

Boot system backup and restore processes

Example 20160917 TWRP

Current miui version 6.9.9 and OTA backup file is empty.

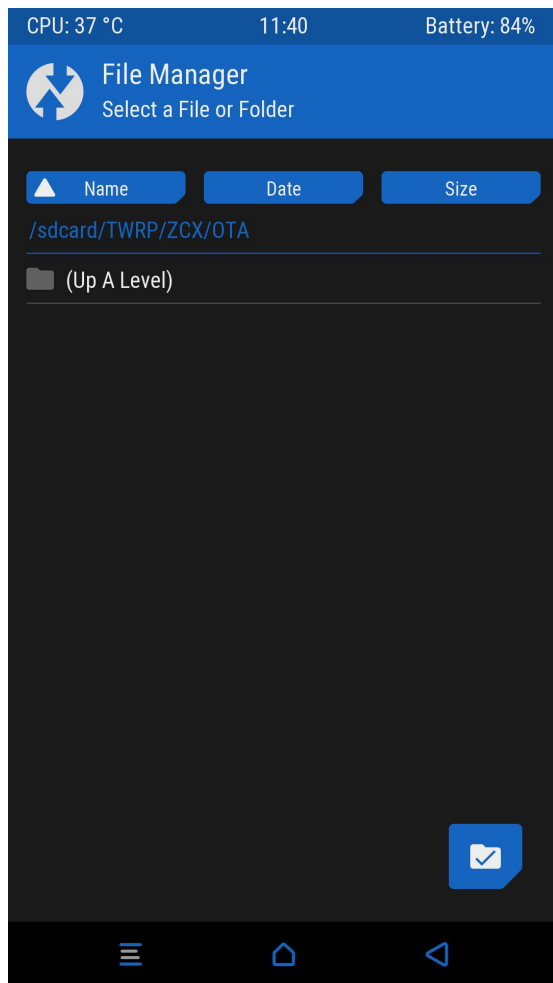
12:500.06K/s73%

< About phone

| | |
|------------------------------|--------------------------------------|
| Model number | Redmi Note 3 |
| Android version | 6.0.1 MMB29M |
| Android security patch level | 2016-07-01 |
| MIUI version | MIUI 8 6.9.9 Beta |
| CPU | Hexa-core Max 1.8GHz |
| RAM | 3.00 GB |
| Internal memory | 14.58GB available 32GB total |
| Baseband version | .TA.2.1.c8-00006-8976 _GEN_PACK-1 |
| Kernel version | 3.10.84-perf-gf3b08ad |
| Build number | MMB29M |

↑

System updates



1 **Settings -->Enable incremental update OTA**

CPU: 36 °C

11:34

Battery: 85%+



Team Win Recovery Project

3.0.2-X by BY~XM

20160917

Install

Wipe

Backup

Restore

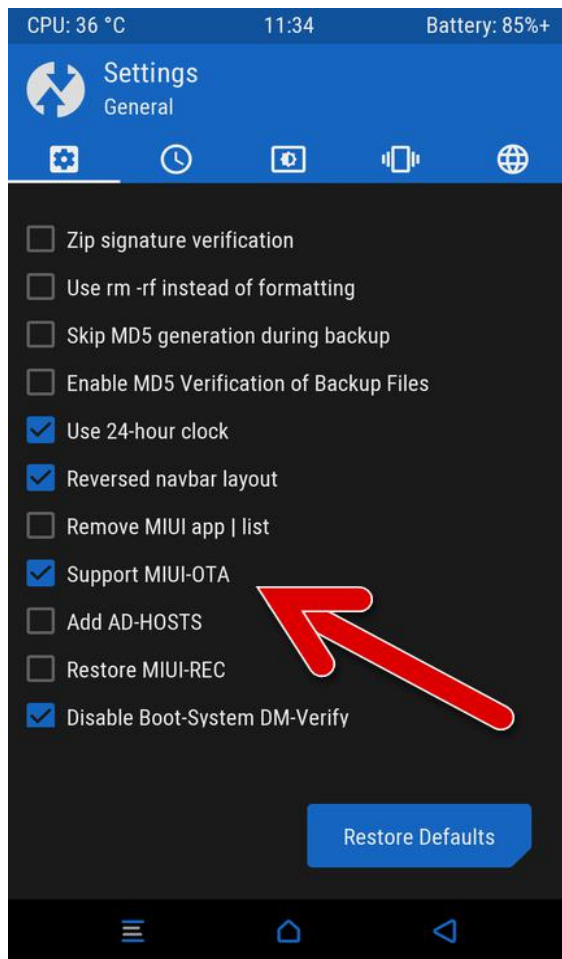
Mount

Settings

Advanced

Reboot





2 **Install the MIUI full_ROM, in order to generate a backup file.**

CPU: 37 °C

11:40

Battery: 84%



Install Zip

1 of max of 10 Files queued

This operation may install incompatible software and render your device unusable.

Press back to cancel adding this zip.

Folder:

/sdcard

File:

miui_HMNote3Pro_6.9.9_f271b18b6f_6.0.zip

☐ Zip signature verification

☐ Reboot after installation is complete

Add more Zips

Clear Zip Queue



Swipe to confirm Flash



CPU: 41 °C

11:52

Battery: 81%



Install Zip

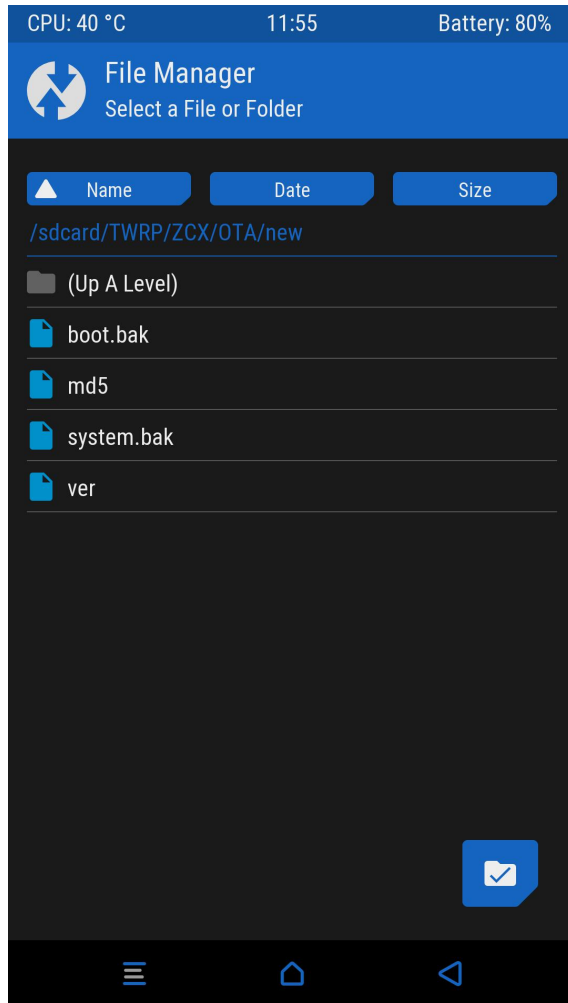
Successful

```
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
package_extract_file took 02s.  
package_extract_file took 00s.  
package_extract_file took 00s.  
SetMetadataFn took 00s.  
RunProgramFn took 00s.  
Patching system image unconditionally...  
package_extract_file took 00s.  
Verifying the updated system image...  
Verified the updated system image.  
script succeeded: result was [/cust]  
ZCX-TWRP: Completed backup --- done  
Updating partition details...  
...done
```

Wipe cache/dalvik

Reboot System





Next time, TWRP generated automatically backup files.

3 Now you can check for OTA incremental update and install



Update available
6.9.14

Update now

MIUI8

Update available

MIUI 6.9.14 | Nightly | 58M

Highlights

New - Set your Lock screen wallpaper as the conversation background(09-13)

New - Delete synced recordings from the device keeping them in the cloud(09-13)

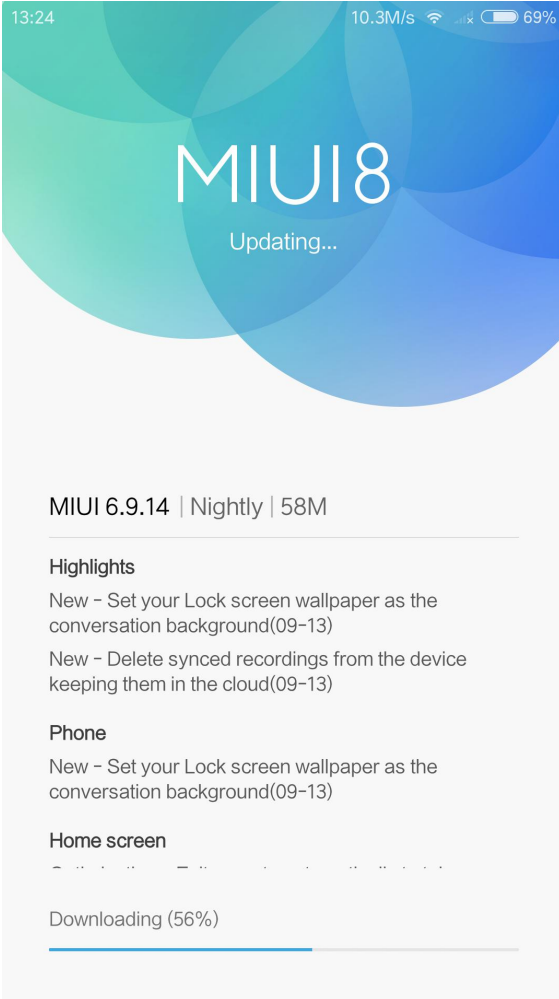
Phone

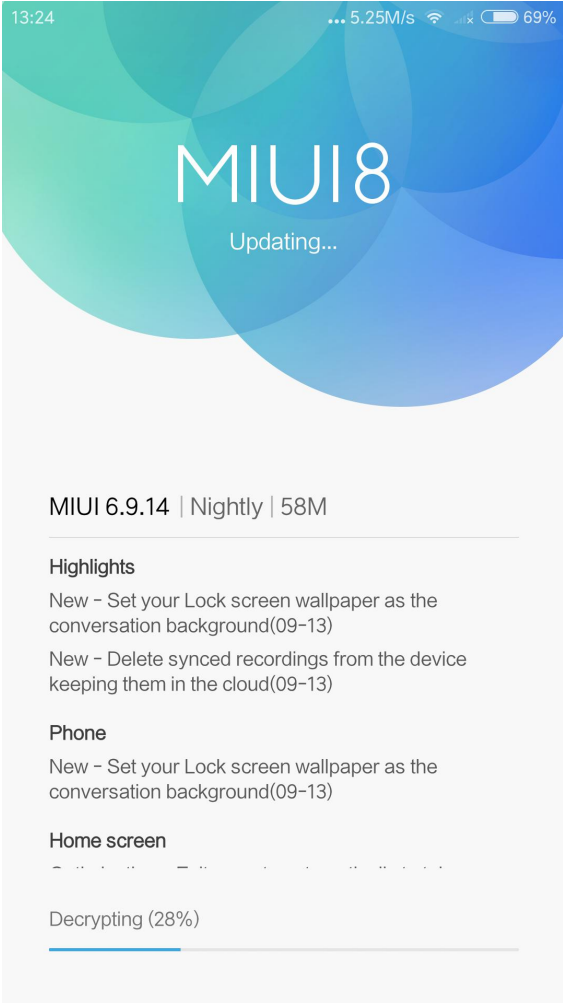
New - Set your Lock screen wallpaper as the conversation background(09-13)

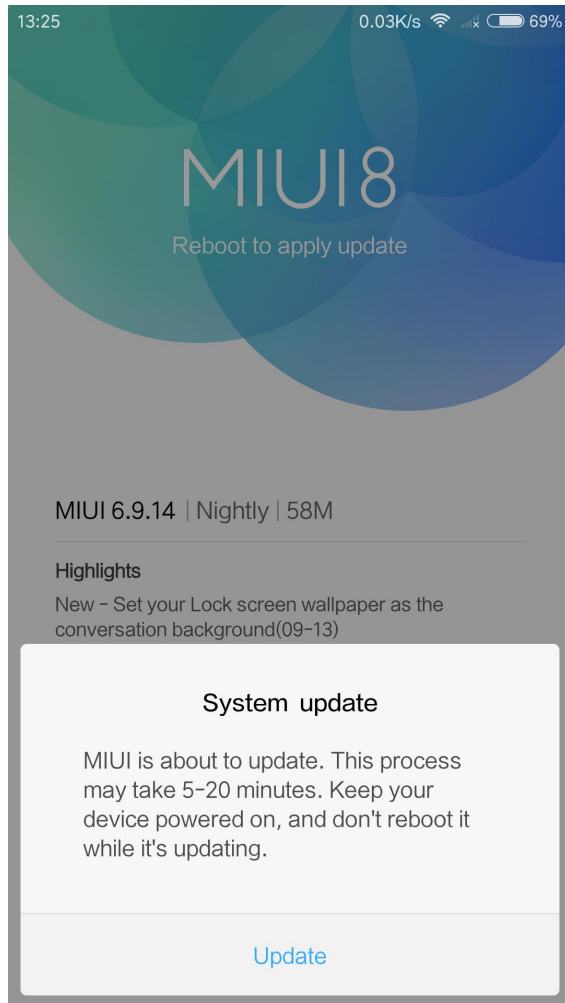
Home screen

MIUI 6.9.14 | Nightly | 58M

Update







TWRP restore OTA backup files and install ota incremental update

CPU: 36 °C

13:27

Battery: 69%



Running OpenRecoveryScript
Installing Zip

ZCX-TWRP: Welcome ^_^

Boot_DM-Verify: Not found

Data successfully decrypted, new block device: '/dev
/block/dm-0'

Updating partition details...

...done

Successfully decrypted with default password.

Updating partition details...

...done

Full SELinux support is present.

Running Recovery Commands

Installing zip file '@/cache/recovery/block.map'

Installing zip file '@/cache/recovery/block.map'

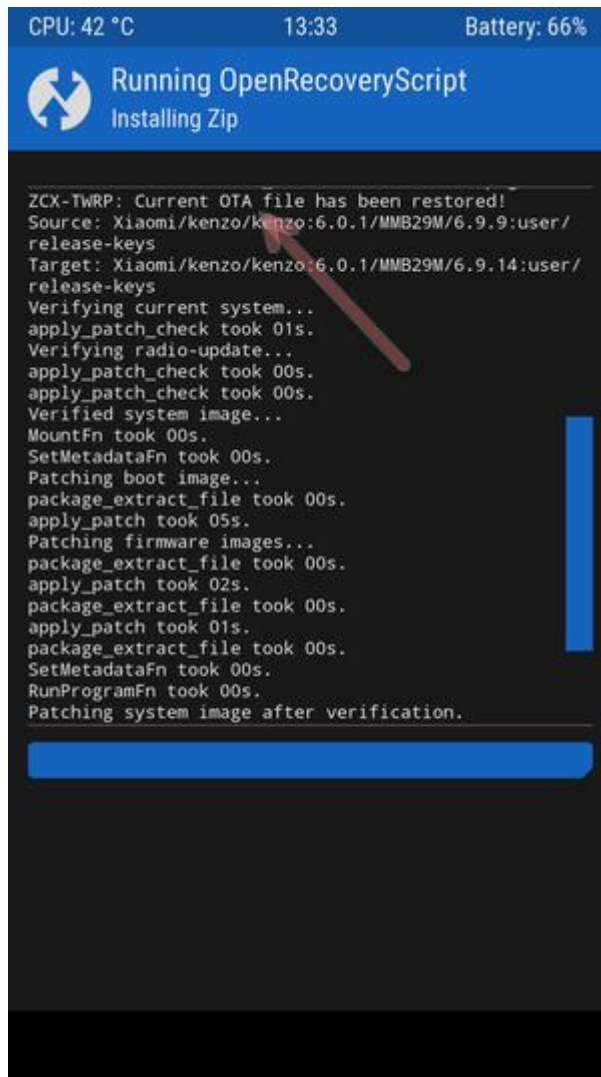
Checking for MD5 file...

Skipping MD5 check: no MD5 file found

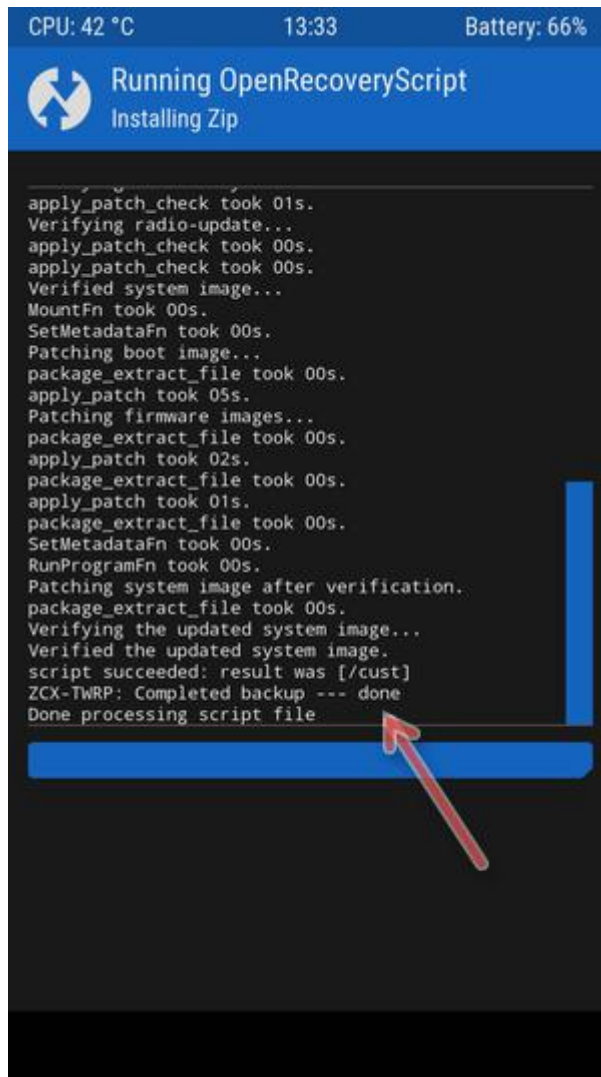
ZCX-TWRP: Support MIUI-OTA incremental package
status: enabled

ZCX-TWRP: OTA found an incremental package '@/cache/
recovery/block.map' ...





Successfully installed OTA incremental updates and automatically backup files



4

Successfully updated
and
Ignore [Update failed]



Update failed
Try downloading full ROM

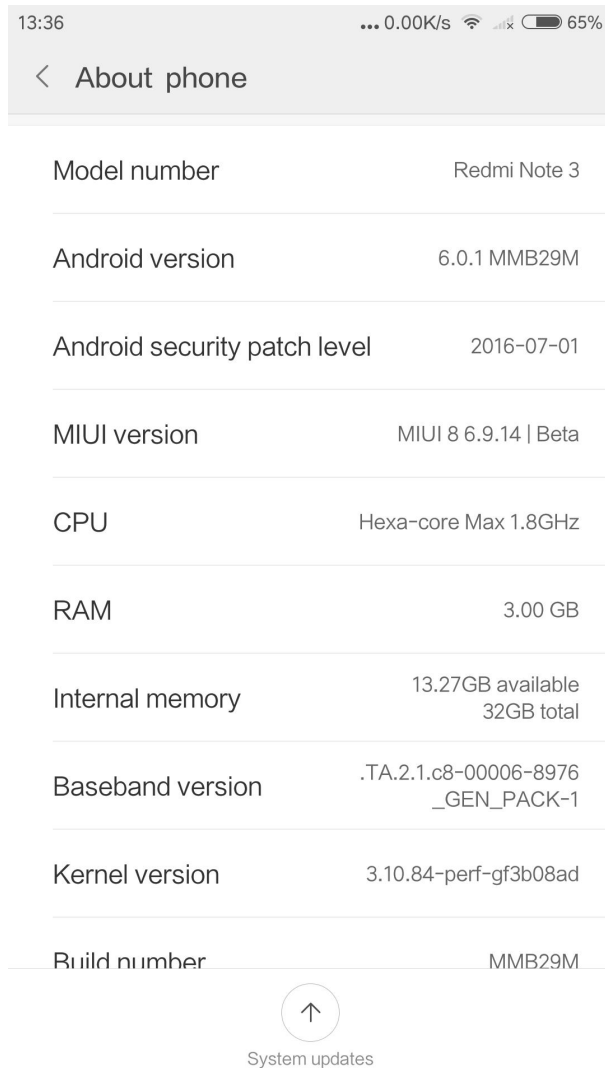
Update again

MIUI8

Simplify your life

No updates available
MIUI 8 6.9.14 | Weekly

Check for updates



If you use a WIFI environment, recommended the use of FULL_ROM to install the update.

Because the backup file (>2.5G) and temporary file system partition (2.5G)

Need more than 5G Internal memory